Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Beaver Creek - segment BvrCrkSeg01

Site Location	BV1			BV1			BV1			BV1			BV1			BV1			BV3			BV3		
Location Cross Ref.	NF001/DS332			NF001/DS332			NF001/DS332			NF001/DS332			NF001/DS332			NF001/DS332			NF03			NF03		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(18) USGS/OTHER			(18) USGS/OTHER			(3) URS/COLUMBWA			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46281			46281			46282			46282			186822			186822			46283			46283		
Sample Date	05/05/1998			05/05/1998			05/05/1998			05/05/1998			05/24/1999			05/24/1999			05/05/1998			05/05/1998		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l							50	U	ug/l	50	U	ug/l
Antimony	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l							0.2	U	ug/l	0.2	U	ug/l
Arsenic	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l							2	U	ug/l	2	U	ug/l
Barium	12		ug/l	15		ug/l	12		ug/l	15		ug/l							12		ug/l	15		ug/l
Beryllium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l							0.2	U	ug/l	0.2	U	ug/l
Cadmium	0.2		ug/l	0.2		ug/l	0.3		ug/l	0.3		ug/l				1	U	ug/l	0.4		ug/l	0.4		ug/l
Calcium	6700		ug/l	6700		ug/l	6900		ug/l	6700		ug/l				5500		ug/l	6600		ug/l	6900		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l							5	U	ug/l	5	U	ug/l
Cobalt	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l							10	U	ug/l	10	U	ug/l
Copper	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l							2	U	ug/l	2	U	ug/l
Cyanide																								
Iron	20	U	ug/l	41		ug/l	20	U	ug/l	37		ug/l	200		ug/l	10	U	ug/l	20	U	ug/l	51		ug/l
Lead	0.3		ug/l	0.7		ug/l	0.3		ug/l	0.7		ug/l	4		ug/l	1	U	ug/l	0.3		ug/l	0.9		ug/l
Lithium																								
Magnesium	2100		ug/l	2100		ug/l	2200		ug/l	2100		ug/l				1700		ug/l	2100		ug/l	2200		ug/l
Manganese	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	11		ug/l	1.6		ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l							0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l							20	U	ug/l	20	U	ug/l
Potassium	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l							2000	U	ug/l	2000	U	ug/l
Selenium	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l							2	U	ug/l	2	U	ug/l
Silicon																								
Silver	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l							0.2	U	ug/l	0.2	U	ug/l
Sodium	1400		ug/l	1400		ug/l	1500		ug/l	1400		ug/l				1200		ug/l	1400		ug/l	1400		ug/l
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l							0.2	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l							10	U	ug/l	10	U	ug/l
Zinc	49		ug/l	48		ug/l	52		ug/l	48		ug/l	70		ug/l	59		ug/l	62		ug/l	67		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Beaver Creek - segment BvrCrkSeg01

Site Location	BV4			BV4			BV5			BV5			BV6			BV6			BV7			BV7		
Location Cross Ref.	NF04			NF04			NF05			NF05			NF06			NF06			NF07			NF07		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(3) URS/SWRI			(3) URS/SWRI			(3) URS/SWRI			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/SWRI			(3) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46285			46285			46286			46286			46284			46284			46287			46287		
Sample Date	05/06/1998			05/06/1998			05/06/1998			05/06/1998			05/05/1998			05/05/1998			05/06/1998			05/06/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.5	U	ug/l
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l	1.6		ug/l	1.6		ug/l
Barium	5.6		ug/l	5.9		ug/l	15		ug/l	15		ug/l	11		ug/l	15		ug/l	5.9		ug/l	6.5		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	0.1	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.5		ug/l	0.5		ug/l	0.1	U	ug/l	0.1	U	ug/l
Calcium	3700		ug/l	3600		ug/l	9500		ug/l	9400		ug/l	6600		ug/l	6500		ug/l	4800		ug/l	4800		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	3	U	ug/l	3	U	ug/l	3	U	ug/l	3	U	ug/l	2	U	ug/l	2	U	ug/l	3	U	ug/l	3	U	ug/l
Cyanide																								
Iron	20	U	ug/l	47	U	ug/l	20	U	ug/l	32	U	ug/l	20	U	ug/l	60		ug/l	20	U	ug/l	52	U	ug/l
Lead	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.3		ug/l	1.6		ug/l	0.5	U	ug/l	0.5	U	ug/l
Lithium																								
Magnesium	1300		ug/l	1300		ug/l	3700		ug/l	3600		ug/l	1900		ug/l	1900		ug/l	1900		ug/l	1800		ug/l
Manganese	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium	510		ug/l	490		ug/l	780		ug/l	720		ug/l	2000	U	ug/l	2000	U	ug/l	430		ug/l	420		ug/l
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver	0.3	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.3	U	ug/l	0.3	U	ug/l
Sodium	1500		ug/l	1500		ug/l	2000		ug/l	2000		ug/l	1400		ug/l	1400		ug/l	1500		ug/l	1600		ug/l
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	110		ug/l	110		ug/l	5	U	ug/l	5	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Beaver Creek - segment BvrCrkSeg01

Site Location	BV8			BV8			BV8			BV8			BV9			BV9			BV10			BV10		
Location Cross Ref.	NF08			NF08			NF08			NF08			NF09			NF09			NF10			NF10		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/SWRI			(3) URS/SWRI			(3) URS/COLUMBWA			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46293			46293			46294			46294			46288			46288			46297			46297		
Sample Date	05/11/1998			05/11/1998			05/11/1998			05/11/1998			05/06/1998			05/06/1998			05/11/1998			05/11/1998		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony	0.4		ug/l	0.4		ug/l	0.5		ug/l	0.5		ug/l	0.5	U	ug/l	0.5	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Arsenic	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l
Barium	14		ug/l	16		ug/l	14		ug/l	16		ug/l	6.5		ug/l	6.6		ug/l	5	U	ug/l	5	U	ug/l
Beryllium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Cadmium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1.7		ug/l	1.8		ug/l	1.3		ug/l	1.5		ug/l
Calcium	6400		ug/l	6600		ug/l	6300		ug/l	6400		ug/l	4900		ug/l	4800		ug/l	6400		ug/l	6400		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l
Copper	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	3	U	ug/l	3	U	ug/l	2	U	ug/l	2	U	ug/l
Cyanide																								
Iron	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	38		ug/l
Lead	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1.1		ug/l	2.4		ug/l	0.2	U	ug/l	0.2	U	ug/l
Lithium																								
Magnesium	2400		ug/l	2500		ug/l	2400		ug/l	2400		ug/l	1000		ug/l	1000		ug/l	1100		ug/l	1100		ug/l
Manganese	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	5	U	ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l
Potassium	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	490		ug/l	480		ug/l	2000	U	ug/l	2000	U	ug/l
Selenium	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l
Silicon																								
Silver	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Sodium	830		ug/l	870		ug/l	830		ug/l	850		ug/l	1300		ug/l	1300		ug/l	1900		ug/l	1900		ug/l
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l
Zinc	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	390		ug/l	390		ug/l	420		ug/l	430		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Beaver Creek - segment BvrCrkSeg01

Site Location	BV11			BV11			BV12			BV12			BV13			BV13			BV14			BV14		
Location Cross Ref.	NF11			NF11			NF12			NF12			MG-1			MG-1			DC-1			DC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(15) URS/COLUMBWA			(15) URS/COLUMBWA			(15) URS/COLUMBWA			(15) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			0 - 0			0 - 0			0 - 0			0 - 0		
Sample Number	46295			46295			46296			46296			51034			51034			51032			51032		
Sample Date	05/11/1998			05/11/1998			05/11/1998			05/11/1998			08/17/1999			08/17/1999			08/17/1999			08/17/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			D6000/7000			6000/7000			D6000/7000			6000/7000		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	17	J	ug/l	17	J	ug/l	8.9	U	ug/l	42	J	ug/l
Antimony	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.19		ug/l	0.21		ug/l	0.21		ug/l	0.2		ug/l
Arsenic	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.3	J	ug/l	0.3	J	ug/l
Barium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	18		ug/l	18		ug/l	56		ug/l	58		ug/l
Beryllium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.01	U	ug/l	0.01	U	ug/l	0.01	U	ug/l	0.01	U	ug/l
Cadmium	6		ug/l	6.2		ug/l	0.8		ug/l	0.9		ug/l	0.04	J	ug/l	0.07		ug/l	0.04	J	ug/l	0.03	J	ug/l
Calcium	9900		ug/l	9600		ug/l	2300		ug/l	2300		ug/l	12000		ug/l	12000		ug/l	19000		ug/l	19000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	2.8	U	ug/l	2.8	U	ug/l	2.8	U	ug/l	2.8	U	ug/l
Cobalt	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	3.7	U	ug/l	3.7	U	ug/l	3.7	U	ug/l	3.7	U	ug/l
Copper	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	1.1	U	ug/l	2	J	ug/l	1.1	U	ug/l	1.1	U	ug/l
Cyanide																								
Iron	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	4.5	J	ug/l	19	J	ug/l	6	J	ug/l	28	J	ug/l
Lead	3		ug/l	4.4		ug/l	2.4		ug/l	3.4		ug/l	0.31		ug/l	1.2		ug/l	0.02	J	ug/l	0.12		ug/l
Lithium																								
Magnesium	1500		ug/l	1500		ug/l	600		ug/l	600		ug/l	4900		ug/l	5000		ug/l	5300		ug/l	5400		ug/l
Manganese	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.8	U	ug/l	1.4	J	ug/l	0.8	U	ug/l	1.1	J	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.11	J	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	11	U	ug/l	11	U	ug/l	11	U	ug/l	11	U	ug/l
Potassium	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	460	U	ug/l	580	J	ug/l	830	J	ug/l	960	J	ug/l
Selenium	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Silicon																								
Silver	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l
Sodium	1800		ug/l	1700		ug/l	1000		ug/l	1000		ug/l	960		ug/l	1100		ug/l	1700		ug/l	1700		ug/l
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.002	U	ug/l	0.002	J	ug/l	0.003	J	ug/l	0.005	J	ug/l
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	2	J	ug/l	1.7	U	ug/l	1.7	U	ug/l	1.7	U	ug/l
Zinc	1700		ug/l	1600		ug/l	160		ug/l	170		ug/l	5.3	J	ug/l	5.3	J	ug/l	1.7	J	ug/l	1.8	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Beaver Creek - segment BvrCrkSeg01

Site Location	BV14			BV14			BV8147			BV8147			BV8147			BV8148			BV8148			BV8148		
Location Cross Ref.	DC-1			DC-1			K08279704			K08279704			K08279704			K08279705			K08279705			K08279705		
Location Type	River/Stream			River/Stream			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(15) URS/COLUMBWA			(15) URS/COLUMBWA			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	0 - 0			0 - 0			-			-			-			-			-			-		
Sample Number	51033			51033			187889			187889			187889			187890			187890			187890		
Sample Date	08/17/1999			08/17/1999			*			*			*			*			*			*		
Sample Type	Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6000/7000			D6000/7000			6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	30	J	ug/l	19	J	ug/l				0.089	U	mg/l							0.089	U	mg/l			
Antimony	0.24		ug/l	0.22		ug/l																		
Arsenic	0.3	J	ug/l	0.3	J	ug/l	0.029	U	mg/l							0.029	U	mg/l						
Barium	57		ug/l	56		ug/l	0.015		mg/l	0.015		mg/l				0.02		mg/l						
Beryllium	0.01	U	ug/l	0.01	U	ug/l																		
Cadmium	0.05	J	ug/l	0.08		ug/l	0.009		mg/l	0.0037		mg/l				0.021		mg/l	0.013		mg/l			
Calcium	19000		ug/l	19000		ug/l																		
Chromium	2.8	U	ug/l	2.8	U	ug/l	0.15		mg/l	0.0044		mg/l				0.024		mg/l	0.0066		mg/l			
Cobalt	3.7	U	ug/l	3.7	U	ug/l																		
Copper	1.1	U	ug/l	1.1	U	ug/l	0.036		mg/l	0.0084	U	mg/l				0.035	U	mg/l	0.0084	U	mg/l			
Cyanide																								
Iron	23	J	ug/l	7	J	ug/l	2.6		mg/l	0.0078		mg/l				0.012	U	mg/l	0.0037	U	mg/l			
Lead	0.13		ug/l	0.05		ug/l	0.024		mg/l							0.0025		mg/l						
Lithium																								
Magnesium	5300		ug/l	5400		ug/l																		
Manganese	0.84	J	ug/l	0.8	U	ug/l	0.066		mg/l	0.033		mg/l				0.008		mg/l	0.0092		mg/l			
Mercury	0.1	U	ug/l	0.1	U	ug/l							0.005	U	mg/l							0.005	U	mg/l
Molybdenum																								
Nickel	11	U	ug/l	11	U	ug/l	0.05		mg/l	0.007	U	mg/l				0.03		mg/l	0.007	U	mg/l			
Potassium	880	J	ug/l	1000	J	ug/l																		
Selenium	0.4	U	ug/l	0.4	U	ug/l																		
Silicon																								
Silver	2	U	ug/l	2	U	ug/l																		
Sodium	1700		ug/l	1700		ug/l																		
Strontium																								
Sulfur																								
Thallium	0.004	J	ug/l	0.002	U	ug/l																		
Titanium																								
Uranium																								
Vanadium	1.7	U	ug/l	1.7	U	ug/l																		
Zinc	1.3	U	ug/l	1.3	U	ug/l	0.54		mg/l	0.4		mg/l				3.1		mg/l	2.7		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Beaver Creek - segment BvrCrkSeg01

Site Location	BV8149			BV8149			BV8149			BV8150			BV8150			BV8150			BV8151			BV8151		
Location Cross Ref.	K08279707			K08279707			K08279707			K08279708			K08279708			K08279708			K08279710			K08279710		
Location Type	Adit			Adit			Adit			River/Stream			River/Stream			River/Stream			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187891			187891			187891			187892			187892			187892			187893			187893		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			6010			D6010			7470			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.089	U	mg/l							0.089	U	mg/l							0.089	U	mg/l
Antimony																								
Arsenic	0.029	U	mg/l							0.029	U	mg/l							0.029	U	mg/l			
Barium	0.014		mg/l	0.016		mg/l				0.007		mg/l	0.0077		mg/l				0.006		mg/l	0.0068		mg/l
Beryllium																								
Cadmium	0.033		mg/l	0.026		mg/l				0.007		mg/l	0.0034		mg/l				0.017		mg/l	0.01		mg/l
Calcium																								
Chromium	0.025		mg/l	0.013		mg/l				0.014		mg/l	0.0044	U	mg/l				0.061		mg/l	0.0085		mg/l
Cobalt																								
Copper	0.035	U	mg/l	0.0084		mg/l				0.035	U	mg/l	0.0084	U	mg/l				0.035	U	mg/l	0.012		mg/l
Cyanide																								
Iron	0.012	U	mg/l	0.0037	U	mg/l				0.022		mg/l	0.0037	U	mg/l				0.5		mg/l	0.0037	U	mg/l
Lead	0.026		mg/l							0.015	U	mg/l							0.014		mg/l			
Lithium																								
Magnesium																								
Manganese	0.096		mg/l	0.096		mg/l				0.004		mg/l	0.0059		mg/l				0.14		mg/l	0.13		mg/l
Mercury							0.005	U	mg/l							0.005	U	mg/l						
Molybdenum																								
Nickel	0.03		mg/l	0.007	U	mg/l				0.03		mg/l	0.007	U	mg/l				0.04		mg/l	0.009		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	7.4		mg/l	6.6		mg/l				0.49		mg/l	0.36		mg/l				3.2		mg/l	2.6		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Beaver Creek - segment BvrCrkSeg01

Site Location	BV8151			BV8152			BV8152			BV8152			BV8153			BV8153			BV8153			BV8246		
Location Cross Ref.	K08279710			K08279711			K08279711			K08279711			K08279712			K08279712			K08279712			K08269701		
Location Type	Adit			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187893			187894			187894			187894			187895			187895			187895			187988		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7470			6010			D6010			7470			6010			D6010			7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							0.089	U	mg/l							0.089	U	mg/l						
Antimony																								
Arsenic				0.029	U	mg/l							0.029	U	mg/l							0.029	U	mg/l
Barium				0.005		mg/l	0.0041		mg/l				0.008		mg/l	0.0073		mg/l				0.064		mg/l
Beryllium																								
Cadmium				0.003	U	mg/l	0.0023	U	mg/l				0.003	U	mg/l	0.003		mg/l				0.003	U	mg/l
Calcium																								
Chromium				0.013	U	mg/l	0.0044	U	mg/l				0.014		mg/l	0.0044	U	mg/l				0.013	U	mg/l
Cobalt																								
Copper				0.035	U	mg/l	0.0084	U	mg/l				0.035	U	mg/l	0.0084	U	mg/l				0.035	U	mg/l
Cyanide																								
Iron				0.012	U	mg/l	0.0037	U	mg/l				0.034		mg/l	0.0037	U	mg/l				1		mg/l
Lead				0.015	U	mg/l							0.015	U	mg/l							0.015	U	mg/l
Lithium																								
Magnesium																								
Manganese				0.004		mg/l	0.003		mg/l				0.003		mg/l	0.0034		mg/l				0.087		mg/l
Mercury	0.005	U	mg/l							0.005	U	mg/l							0.005	U	mg/l			
Molybdenum																								
Nickel				0.02	U	mg/l	0.017		mg/l				0.02	U	mg/l	0.018		mg/l				0.02		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.006		mg/l	0.0025	U	mg/l				0.74		mg/l	0.54		mg/l				0.022		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Beaver Creek - segment BvrCrkSeg01

Site Location	BV8246			BV8246			BV8247			BV8247			BV8247			BV8248			BV8248			BV8248		
Location Cross Ref.	K08269701			K08269701			K08269704			K08269704			K08269704			K08269706			K08269706			K08269706		
Location Type	Adit			Adit			River/Stream			River/Stream			River/Stream			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187988			187988			187989			187989			187989			187990			187990			187990		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			7470			6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.089	U	mg/l							0.089	U	mg/l							0.089	U	mg/l			
Antimony																								
Arsenic							0.0006		mg/l							0.029	U	mg/l						
Barium	0.057		mg/l				0.027		mg/l	0.023		mg/l				0.015		mg/l	0.013		mg/l			
Beryllium																								
Cadmium	0.0052		mg/l				0.006		mg/l	0.0031		mg/l				0.016		mg/l	0.008		mg/l			
Calcium																								
Chromium	0.012		mg/l				0.013	U	mg/l	0.0044	U	mg/l				0.021		mg/l	0.01		mg/l			
Cobalt																								
Copper	0.008	U	mg/l				0.035	U	mg/l	0.0031		mg/l				0.035	U	mg/l	0.008	U	mg/l			
Cyanide																								
Iron	0.016		mg/l				0.012	U	mg/l	0.0037	U	mg/l				0.043		mg/l	0.0037	U	mg/l			
Lead							0.015	U	mg/l							0.015	U	mg/l						
Lithium																								
Magnesium																								
Manganese	0.069		mg/l				0.003		mg/l	0.002		mg/l				0.013		mg/l	0.006		mg/l			
Mercury				0.005	U	mg/l							0.005	U	mg/l							0.005	U	mg/l
Molybdenum																								
Nickel	0.007	U	mg/l				0.02		mg/l	0.007	U	mg/l				0.03		mg/l	0.007	U	mg/l			
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.0025	U	mg/l				0.003	U	mg/l	0.0025	U	mg/l				0.014		mg/l	0.0025	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Beaver Creek - segment BvrCrkSeg01

Site Location	BV8249			BV8249			BV8249			BV8250			BV8250			BV8250			BV8264			BV8264		
Location Cross Ref.	K08269709			K08269709			K08269709			K08289702			K08289702			K08289702			K08269703			K08269703		
Location Type	Adit			Adit			Adit			Spring/Seep			Spring/Seep			Spring/Seep			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187991			187991			187991			187992			187992			187992			188006			188006		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			6010			D6010			7470			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.089	U	mg/l							0.089	U	mg/l									
Antimony																								
Arsenic	0.029	U	mg/l							0.029	U	mg/l							0.029	U	mg/l			
Barium	0.056		mg/l	0.05		mg/l				0.042		mg/l	0.041		mg/l				0.021		mg/l			
Beryllium																								
Cadmium	0.006		mg/l	0.0042		mg/l				0.005		mg/l	0.0024		mg/l				0.003		mg/l			
Calcium																								
Chromium	0.015		mg/l	0.0086		mg/l				0.013		mg/l	0.0044	U	mg/l				0.013	U	mg/l			
Cobalt																								
Copper	0.035	U	mg/l	0.008	U	mg/l				0.035	U	mg/l	0.008	U	mg/l				0.035	U	mg/l			
Cyanide																								
Iron	0.012	U	mg/l	0.0084		mg/l				0.012	U	mg/l	0.0037	U	mg/l				0.012	U	mg/l			
Lead	0.015	U	mg/l							0.015	U	mg/l							0.015	U	mg/l			
Lithium																								
Magnesium																								
Manganese	0.004		mg/l	0.005		mg/l				0.014		mg/l	0.008		mg/l				0.002		mg/l			
Mercury							0.005	U	mg/l							0.005	U	mg/l				0.005	U	mg/l
Molybdenum																								
Nickel	0.03		mg/l	0.007	U	mg/l				0.03		mg/l	0.007	U	mg/l				0.02	U	mg/l			
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.003		mg/l	0.0025	U	mg/l				0.024		mg/l	0.0025	U	mg/l				0.003	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Big Creek - segment BigCrkSeg01

Site Location	BC8109			BC8109			BC8155			BC8155			BC8155			BC8156			BC8156			BC8156		
Location Cross Ref.	R08069702			R08069702			R08079704			R08079704			R08079704			R08079705			R08079705			R08079705		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187860			187860			187897			187897			187897			187898			187898			187898		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.089	U	mg/l				0.089	U	mg/l							0.089	U	mg/l			
Antimony																								
Arsenic							0.029	U	mg/l							0.029	U	mg/l						
Barium	0.028		mg/l	0.022		mg/l	0.008		mg/l	0.0054		mg/l				0.008		mg/l	0.0056		mg/l			
Beryllium																								
Cadmium	0.006		mg/l	0.0023	U	mg/l	0.005		mg/l	0.0023	U	mg/l				0.005		mg/l	0.0023		mg/l			
Calcium																								
Chromium	0.013	U	mg/l	0.0044	U	mg/l	0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l			
Cobalt																								
Copper	0.035	U	mg/l	0.012		mg/l	0.035	U	mg/l	0.014		mg/l				0.035	U	mg/l	0.012		mg/l			
Cyanide																								
Iron	0.012	U	mg/l	0.0057		mg/l	0.012	U	mg/l	0.0037	U	mg/l				0.012	U	mg/l	0.0037	U	mg/l			
Lead							0.015	U	mg/l							0.015	U	mg/l						
Lithium																								
Magnesium																								
Manganese	0.006		mg/l	0.0025		mg/l	0.006		mg/l	0.002		mg/l				0.005		mg/l	0.0018		mg/l			
Mercury													0.005	U	mg/l							0.005	U	mg/l
Molybdenum																								
Nickel	0.03		mg/l	0.007	U	mg/l	0.02		mg/l	0.007	U	mg/l				0.02	U	mg/l	0.011		mg/l			
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.003	U	mg/l	0.0025	U	mg/l	0.003	U	mg/l	0.0025	U	mg/l				0.004		mg/l	0.0025	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Big Creek - segment BigCrkSeg02

Site Location	BC8240			BC8240			BC8240			BC8241			BC8241			BC8241			BC8242			BC8242		
Location Cross Ref.	K08079701			K08079701			K08079701			K08079703			K08079703			K08079703			K08079705			K08079705		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187982			187982			187982			187983			187983			187983			187984			187984		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			6010			D6010			7470			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.089	U	mg/l							0.089	U	mg/l							0.089	U	mg/l
Antimony																								
Arsenic	0.027		mg/l							0.029	U	mg/l							0.029	U	mg/l			
Barium	0.047		mg/l	0.038		mg/l				0.22		mg/l	0.18		mg/l				0.034		mg/l	0.033		mg/l
Beryllium																								
Cadmium	0.004		mg/l	0.0023	U	mg/l				0.005		mg/l	0.0023	U	mg/l				0.003	U	mg/l	0.006		mg/l
Calcium																								
Chromium	0.02		mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l
Cobalt																								
Copper	0.035	U	mg/l	0.008	U	mg/l				0.035	U	mg/l	0.011		mg/l				0.035	U	mg/l	0.008	U	mg/l
Cyanide																								
Iron	0.012	U	mg/l	0.0037	U	mg/l				0.12		mg/l	0.0038		mg/l				0.012	U	mg/l	0.0037	U	mg/l
Lead	0.015	U	mg/l							0.015	U	mg/l							0.015	U	mg/l			
Lithium																								
Magnesium																								
Manganese	0.006		mg/l	0.002	U	mg/l				0.013		mg/l	0.002		mg/l				0.007		mg/l	0.003		mg/l
Mercury							0.005	U	mg/l							0.005	U	mg/l						
Molybdenum																								
Nickel	0.02	U	mg/l	0.007	U	mg/l				0.02	U	mg/l	0.015		mg/l				0.02	U	mg/l	0.03		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.003	U	mg/l	0.0025	U	mg/l				0.017		mg/l	0.0038		mg/l				0.004		mg/l	0.004		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Big Creek - segment BigCrkSeg02

Site Location	BC8242			BC8242			BC8242	
Location Cross Ref.	K08079705			K08079705			K08079705	
Location Type	River/Stream			River/Stream			River/Stream	
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER	
Matrix Type	Surface Water			Surface Water			Surface Water	
Depth Range in Ft.	-			-			-	
Sample Number	187984			188005			188005	
Sample Date	*			*			*	
Sample Type	Environ. Sample			Field Duplicate			Field Duplicate	
Analytical Method	7470			6010			7470	
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum									
Antimony									
Arsenic				0.029	U	mg/l			
Barium				0.033		mg/l			
Beryllium									
Cadmium				0.006		mg/l			
Calcium									
Chromium				0.013	U	mg/l			
Cobalt									
Copper				0.035	U	mg/l			
Cyanide									
Iron				0.012	U	mg/l			
Lead				0.015	U	mg/l			
Lithium									
Magnesium									
Manganese				0.003		mg/l			
Mercury	0.005	U	mg/l				0.005	U	mg/l
Molybdenum									
Nickel				0.03		mg/l			
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Sulfur									
Thallium									
Titanium									
Uranium									
Vanadium									
Zinc				0.004		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Big Creek - segment BigCrkSeg03

Site Location	BC8235			BC8235			BC8235			BC8236			BC8236			BC8236			BC8237			BC8237		
Location Cross Ref.	K08069701			K08069701			K08069701			K08069704			K08069704			K08069704			K08069705			K08069705		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187977			187977			187977			187978			187978			187978			187979			187979		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			6010			D6010			7470			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.089	U	mg/l							0.089	U	mg/l							0.089	U	mg/l
Antimony																								
Arsenic	0.029	U	mg/l							0.029	U	mg/l							0.029	U	mg/l			
Barium	0.006		mg/l	0.0031		mg/l				0.012		mg/l	0.0019		mg/l				0.005		mg/l	0.0012		mg/l
Beryllium																								
Cadmium	0.005		mg/l	0.0023	U	mg/l				0.006		mg/l	0.0023	U	mg/l				0.006		mg/l	0.0023	U	mg/l
Calcium																								
Chromium	0.016		mg/l	0.0044	U	mg/l				0.014		mg/l	0.0044	U	mg/l				0.015		mg/l	0.0044	U	mg/l
Cobalt																								
Copper	0.035	U	mg/l	0.008	U	mg/l				0.035	U	mg/l	0.008	U	mg/l				0.035	U	mg/l	0.008	U	mg/l
Cyanide																								
Iron	0.012	U	mg/l	0.0037	U	mg/l				0.54		mg/l	0.011		mg/l				0.012	U	mg/l	0.0037	U	mg/l
Lead	0.015	U	mg/l							0.015	U	mg/l							0.015	U	mg/l			
Lithium																								
Magnesium																								
Manganese	0.004		mg/l	0.002	U	mg/l				0.021		mg/l	0.002	U	mg/l				0.005		mg/l	0.002	U	mg/l
Mercury							0.005	U	mg/l							0.005	U	mg/l						
Molybdenum																								
Nickel	0.02	U	mg/l	0.007	U	mg/l				0.02	U	mg/l	0.007	U	mg/l				0.02	U	mg/l	0.007	U	mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.003	U	mg/l	0.0025	U	mg/l				0.01		mg/l	0.0025	U	mg/l				0.003	U	mg/l	0.0025	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Big Creek - segment BigCrkSeg03

Site Location	BC8237			BC8238			BC8238			BC8238			BC8239			BC8239			BC8239			BC8244		
Location Cross Ref.	K08069705			K08069707			K08069707			K08069707			K08069709			K08069709			K08069709			K08129701		
Location Type	Adit			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187979			187980			187980			187980			187981			187981			187981			187986		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7470			6010			D6010			7470			6010			D6010			7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							0.089	U	mg/l							0.089	U	mg/l						
Antimony																								
Arsenic				0.029	U	mg/l							0.029	U	mg/l							0.029	U	mg/l
Barium				0.019		mg/l	0.014		mg/l				0.02		mg/l	0.016		mg/l				0.013		mg/l
Beryllium																								
Cadmium				0.006		mg/l	0.0023	U	mg/l				0.004		mg/l	0.0023	U	mg/l				0.003	U	mg/l
Calcium																								
Chromium				0.015		mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l
Cobalt																								
Copper				0.035	U	mg/l	0.0085		mg/l				0.035	U	mg/l	0.0094		mg/l				0.035	U	mg/l
Cyanide																								
Iron				0.012	U	mg/l	0.0037	U	mg/l				0.012	U	mg/l	0.0055		mg/l				0.83		mg/l
Lead				0.015	U	mg/l							0.015	U	mg/l							0.015	U	mg/l
Lithium																								
Magnesium																								
Manganese				0.009		mg/l	0.002	U	mg/l				0.005		mg/l	0.002		mg/l				0.003		mg/l
Mercury	0.005	U	mg/l							0.005	U	mg/l							0.005	U	mg/l			
Molybdenum																								
Nickel				0.02	U	mg/l	0.007	U	mg/l				0.02	U	mg/l	0.011		mg/l				0.02	U	mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.004		mg/l	0.0025	U	mg/l				0.003	U	mg/l	0.0025	U	mg/l				0.003	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Big Creek - segment BigCrkSeg03

Site Location	BC8244			BC8244		
Location Cross Ref.	K08129701			K08129701		
Location Type	Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water		
Depth Range in Ft.	-			-		
Sample Number	187986			187986		
Sample Date	*			*		
Sample Type	Environ. Sample			Environ. Sample		
Analytical Method	D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.089	U	mg/l			
Antimony						
Arsenic						
Barium	0.014		mg/l			
Beryllium						
Cadmium	0.0023	U	mg/l			
Calcium						
Chromium	0.0044	U	mg/l			
Cobalt						
Copper	0.008	U	mg/l			
Cyanide						
Iron	0.0083		mg/l			
Lead						
Lithium						
Magnesium						
Manganese	0.006		mg/l			
Mercury				0.005	U	mg/l
Molybdenum						
Nickel	0.007	U	mg/l			
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Sulfur						
Thallium						
Titanium						
Uranium						
Vanadium						
Zinc	0.0025	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Big Creek - segment BigCrkSeg04

Site Location	BC260			BC260			BC260			BC260			BC260			BC260			BC260			BC260		
Location Cross Ref.	BC-1			BC-1			BC-1			BC-1			BC-1			BC-1			BC-1			BC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172068			172068			172068			172068			172068			172103			172103			172103		
Sample Date	05/14/1991			05/14/1991			05/14/1991			05/14/1991			05/14/1991			10/01/1991			10/01/1991			10/01/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0002	U	mg/l				0.0002	U	mg/l							0.0002	U	mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.003	U	mg/l				0.003	U	mg/l							0.001	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.02	U	mg/l							0.02	U	mg/l				0.021		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Big Creek - segment BigCrkSeg04

Site Location	BC260		BC260		BC260		BC260		BC260		BC260		BC260		BC260	
Location Cross Ref.	BC-1		BC-1		BC-1		BC-1		BC-1		BC-1		BC-1		BC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(5) MFG/OTHER		(5) MFG/OTHER		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI		(18) USGS/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172103		172103		168463		168463		46351		46351		186944		186944	
Sample Date	10/01/1991		10/01/1991		11/05/1997		11/05/1997		05/09/1998		05/09/1998		05/25/1999		05/25/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D7421		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum					20 U	ug/l	26 U	ug/l	50 U	ug/l	50 U	ug/l				
Antimony					7.1	ug/l	7.3	ug/l	5.9	ug/l	5.8	ug/l				
Arsenic					1.2	ug/l	1	ug/l	1 U	ug/l	1 U	ug/l				
Barium					27	ug/l	29	ug/l	16	ug/l	17	ug/l				
Beryllium					1 U	ug/l	0.35 U	ug/l	1 U	ug/l	1 U	ug/l				
Cadmium	0.0002 U	mg/l			0.04 U	ug/l	0.069 U	ug/l	0.1 U	ug/l	0.1 U	ug/l			1	ug/l
Calcium					14000	ug/l	14000	ug/l	5100	ug/l	5100	ug/l			3200	ug/l
Chromium					5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l				
Cobalt					5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l				
Copper					0.62	ug/l	0.78 U	ug/l	3 U	ug/l	3 U	ug/l				
Cyanide																
Iron					47	ug/l	53 J	ug/l	20 U	ug/l	30	ug/l	2600	ug/l	14	ug/l
Lead			0.001	mg/l	0.18	ug/l	0.33 U	ug/l	0.5 U	ug/l	1.7	ug/l	28	ug/l	1	ug/l
Lithium																
Magnesium					3600	ug/l	3600	ug/l	1500	ug/l	1500	ug/l			950	ug/l
Manganese					61	ug/l	64	ug/l	8.8	ug/l	12	ug/l	240	ug/l	2.8	ug/l
Mercury					0.2 U	ug/l	0.13 J	ug/l	0.2 UJ	ug/l	0.2 UJ	ug/l				
Molybdenum																
Nickel					0.41	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l				
Potassium					700 U	ug/l	650 J	ug/l	340	ug/l	240	ug/l				
Selenium					1 U	ug/l	0.21 U	ug/l	1 U	ug/l	1 U	ug/l				
Silicon																
Silver					0.03 U	ug/l	0.22 U	ug/l	0.3 U	ug/l	0.3 U	ug/l				
Sodium					16000	ug/l	16000	ug/l	2500	ug/l	2300	ug/l			1200	ug/l
Strontium																
Sulfur																
Thallium					0.5 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l				
Titanium																
Uranium																
Vanadium					3 U	ug/l	2 U	ug/l	5 U	ug/l	5 U	ug/l				
Zinc	0.012 U	mg/l			6.9	ug/l	12 U	ug/l	5 U	ug/l	5 U	ug/l	70	ug/l	1.4	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Big Creek - segment BigCrkSeg04

Site Location	BC626			BC626			BC8140			BC8140			BC8140			BC8243			BC8243			BC8243		
Location Cross Ref.	SUN 003/003A			SUN 003/003A			K08059701			K08059701			K08059701			K08079709			K08079709			K08079709		
Location Type	Outfall/Discharge			Outfall/Discharge			Spring/Seep			Spring/Seep			Spring/Seep			Adit			Adit			Adit		
(Ref) Source/Lab	(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173212			173239			187882			187882			187882			187985			187985			187985		
Sample Date	04/04/1996			03/26/1998			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum										0.089	U	mg/l							0.089	U	mg/l			
Antimony	56		ug/l	45	U	ug/l																		
Arsenic	5	U	ug/l	40	U	ug/l	0.029	U	mg/l							0.029	U	mg/l						
Barium							0.012		mg/l	0.0027		mg/l				0.016		mg/l	0.011		mg/l			
Beryllium																								
Cadmium	5	U	ug/l	2	U	ug/l	0.005		mg/l	0.0023	U	mg/l				0.004		mg/l	0.0023	U	mg/l			
Calcium				27000		ug/l																		
Chromium	5	U	ug/l				0.013		mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l			
Cobalt																								
Copper	5	U	ug/l	3	U	ug/l	0.035	U	mg/l	0.012		mg/l				0.035	U	mg/l	0.013		mg/l			
Cyanide																								
Iron	56		ug/l				0.58		mg/l	0.0037	U	mg/l				0.15		mg/l	0.011		mg/l			
Lead	1.6		ug/l	25	U	ug/l	0.015	U	mg/l							0.015	U	mg/l						
Lithium																								
Magnesium				15000		ug/l																		
Manganese	5.1		ug/l	19		ug/l	0.78		mg/l	0.0012		mg/l				0.011		mg/l	0.002		mg/l			
Mercury	0.2	U	ug/l	0.2	U	ug/l							0.005	U	mg/l							0.005	U	mg/l
Molybdenum																								
Nickel							0.02	U	mg/l	0.007	U	mg/l				0.02	U	mg/l	0.011		mg/l			
Potassium																								
Selenium				100	U	ug/l																		
Silicon																								
Silver	1	U	ug/l	4	U	ug/l																		
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	5.3		ug/l	21		ug/l	0.004		mg/l	0.0025	U	mg/l				0.009		mg/l	0.0025	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Big Creek - segment BigCrkSeg04

Site Location	BC8258			BC8258			BC8258			BC8259			BC8259			BC8259		
Location Cross Ref.	R08079701			R08079701			R08079701			R08079703			R08079703			R08079703		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	188000			188000			188000			188001			188001			188001		
Sample Date	*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.32		mg/l							0.089	U	mg/l			
Antimony																		
Arsenic	0.029	U	mg/l							0.029	U	mg/l						
Barium	0.012		mg/l	0.009		mg/l				0.01		mg/l	0.0055		mg/l			
Beryllium																		
Cadmium	0.005		mg/l	0.0028		mg/l				0.006		mg/l	0.0023	U	mg/l			
Calcium																		
Chromium	0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l			
Cobalt																		
Copper	0.035	U	mg/l	0.014		mg/l				0.035	U	mg/l	0.013		mg/l			
Cyanide																		
Iron	0.074		mg/l	0.056		mg/l				0.017		mg/l	0.0062		mg/l			
Lead	0.015	U	mg/l							0.015	U	mg/l						
Lithium																		
Magnesium																		
Manganese	5.9		mg/l	5.2		mg/l				0.017		mg/l	0.003		mg/l			
Mercury							0.005	U	mg/l							0.005	U	mg/l
Molybdenum																		
Nickel	0.02	U	mg/l	0.018		mg/l				0.02	U	mg/l	0.014		mg/l			
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	0.003	U	mg/l	0.0025	U	mg/l				0.003	U	mg/l	0.0025	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg01

Site Location	CC272			CC272			CC289			CC289			CC802			CC8226			CC8226			CC8226		
Location Cross Ref.	CC272			CC272									BURKE DAM			B8139704			B8139704			B8139704		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			Outfall/Discharge			Adit			Adit			Adit		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI			(3) URS/SWRI			(8) EPAREG10/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168475			168475			46569			46569			173219			187968			187968			187968		
Sample Date	11/10/1997			11/10/1997			05/15/1998			05/15/1998			03/24/1998			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	43	U	ug/l	50	U	ug/l	50	U	ug/l							0.089	U	mg/l			
Antimony	0.5	U	ug/l	0.19	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	45	U	ug/l									
Arsenic	0.1	U	ug/l	0.16	U	ug/l	1	U	ug/l	1	U	ug/l	40	U	ug/l	0.029	U	mg/l						
Barium	19		ug/l	20	J	ug/l	6		ug/l	6.4		ug/l				0.038		mg/l	0.034		mg/l			
Beryllium	1	U	ug/l	0.35	U	ug/l	1	U	ug/l	1	U	ug/l												
Cadmium	0.04	U	ug/l	0.069	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	2	U	ug/l	0.003	U	mg/l	0.0023	U	mg/l			
Calcium	1000		ug/l	1100		ug/l	970		ug/l	1100		ug/l	3500		ug/l									
Chromium	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l				0.013	U	mg/l	0.0044	U	mg/l			
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l												
Copper	1.5		ug/l	1.7	J	ug/l	3	U	ug/l	3	U	ug/l	3	U	ug/l	0.035	U	mg/l	0.008	U	mg/l			
Cyanide																								
Iron	10	U	ug/l	5	U	ug/l	20	U	ug/l	22	U	ug/l				0.012	U	mg/l	0.0041		mg/l			
Lead	0.58		ug/l	0.79		ug/l	0.5	U	ug/l	0.5		ug/l	25	U	ug/l	0.015	U	mg/l						
Lithium																								
Magnesium	190		ug/l	210	J	ug/l	240		ug/l	270		ug/l	860		ug/l									
Manganese	1	U	ug/l	1	U	ug/l	5	U	ug/l	5	U	ug/l	2		ug/l	0.002	U	mg/l	0.002		mg/l			
Mercury	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l							0.005	U	mg/l
Molybdenum																								
Nickel	0.3	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l				0.02	U	mg/l	0.007	U	mg/l			
Potassium	760	J	ug/l	330	J	ug/l	250		ug/l	290		ug/l												
Selenium	1	U	ug/l	0.21	U	ug/l	1	U	ug/l	1	U	ug/l	100	U	ug/l									
Silicon																								
Silver	0.03	U	ug/l	0.22	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	4	U	ug/l									
Sodium	460		ug/l	470	J	ug/l	520		ug/l	510		ug/l												
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.017	U	ug/l	0.1	U	ug/l	0.1	U	ug/l												
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l	5	U	ug/l	5	U	ug/l												
Zinc	10		ug/l	13	U	ug/l	5.4		ug/l	6.2		ug/l	5.4		ug/l	0.003	U	mg/l	0.0025	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg01

Site Location	CC8227			CC8227			CC8227			CC8228			CC8228			CC8228			CC8251			CC8251		
Location Cross Ref.	B8139705			B8139705			B8139705			B8139707			B8139707			B8139707			K08289703			K08289703		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187969			187969			187969			187970			187970			187970			187993			187993		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			6010			D6010			7470			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.089	U	mg/l							0.089	U	mg/l							0.089	U	mg/l
Antimony																								
Arsenic	0.029	U	mg/l							0.029	U	mg/l							0.029	U	mg/l			
Barium	0.045		mg/l	0.032		mg/l				0.033		mg/l	0.028		mg/l				0.034		mg/l	0.035		mg/l
Beryllium																								
Cadmium	0.003	U	mg/l	0.0023	U	mg/l				0.003	U	mg/l	0.0023	U	mg/l				0.004		mg/l	0.0023	U	mg/l
Calcium																								
Chromium	0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l
Cobalt																								
Copper	0.035	U	mg/l	0.008	U	mg/l				0.041		mg/l	0.008	U	mg/l				0.035	U	mg/l	0.008	U	mg/l
Cyanide																								
Iron	0.022		mg/l	0.0042		mg/l				0.012	U	mg/l	0.0037	U	mg/l				0.012	U	mg/l	0.0037	U	mg/l
Lead	0.015	U	mg/l							0.015	U	mg/l							0.0065		mg/l			
Lithium																								
Magnesium																								
Manganese	0.002	U	mg/l	0.002	U	mg/l				0.002	U	mg/l	0.002		mg/l				0.004		mg/l	0.006		mg/l
Mercury							0.005	U	mg/l							0.005	U	mg/l						
Molybdenum																								
Nickel	0.02	U	mg/l	0.007	U	mg/l				0.02	U	mg/l	0.007	U	mg/l				0.02		mg/l	0.007	U	mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.003	U	mg/l	0.0025	U	mg/l				0.032		mg/l	0.0025	U	mg/l				0.003	U	mg/l	0.0025	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg01

Site Location	CC8251
Location Cross Ref.	K08289703
Location Type	Adit
(Ref) Source/Lab	(13) IGS/OTHER
Matrix Type	Surface Water
Depth Range in Ft.	-
Sample Number	187993
Sample Date	*
Sample Type	Environ. Sample
Analytical Method	7470

Analyte	Value	Q	Unit
Aluminum			
Antimony			
Arsenic			
Barium			
Beryllium			
Cadmium			
Calcium			
Chromium			
Cobalt			
Copper			
Cyanide			
Iron			
Lead			
Lithium			
Magnesium			
Manganese			
Mercury	0.005	U	mg/l
Molybdenum			
Nickel			
Potassium			
Selenium			
Silicon			
Silver			
Sodium			
Strontium			
Sulfur			
Thallium			
Titanium			
Uranium			
Vanadium			
Zinc			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC1			CC1			CC1			CC1			CC1			CC1			CC1			CC1		
Location Cross Ref.	CC-110			CC-110			CC-110			CC-110			CC-110			CC-110			CC-110			CC-110		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172029			172029			172029			172029			172029			172136			172136			172136		
Sample Date	05/17/1991			05/17/1991			05/17/1991			05/17/1991			05/17/1991			10/05/1991			10/05/1991			10/05/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0001	U	mg/l				0.0001		mg/l							0.0002	U	mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.003	U	mg/l				0.003	U	mg/l							0.001		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.2		mg/l							0.02	U	mg/l				0.012	U	mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC1			CC1			CC2			CC2			CC2			CC2			CC2			CC2		
Location Cross Ref.	CC-110			CC-110			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172136			172136			172030			172030			172030			172030			172030			172156		
Sample Date	10/05/1991			10/05/1991			05/18/1991			05/18/1991			05/18/1991			05/18/1991			05/18/1991			10/05/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D7421			6010			7131			7421			D6010			D7421			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0002	U	mg/l							0.0001		mg/l				0.0001		mg/l						
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.001	U	mg/l							0.008		mg/l				0.003	U	mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.012	U	mg/l				0.2		mg/l							0.02	U	mg/l				0.022		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC2	CC2	CC2	CC2	CC2	CC2	CC2	CC2
Location Cross Ref.	CC-100/CC-6	CC-100/CC-6	CC-100/CC-6	CC-100/CC-6	CC-100/CC-6	CC-100/CC-6	CC-100/CC-6	CC-100/CC-6
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172156	172156	172156	172156	172157	172157	172157	172157
Sample Date	10/05/1991	10/05/1991	10/05/1991	10/05/1991	10/05/1991	10/05/1991	10/05/1991	10/05/1991
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate
Analytical Method	7131	7421	D6010	D7421	6010	7131	7421	D6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium	0.0002 U mg/l		0.0002 U mg/l			0.0002 U mg/l		0.0002 U mg/l
Calcium								
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead		0.001 mg/l		0.001 U mg/l			0.002 mg/l	
Lithium								
Magnesium								
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc			0.012 U mg/l		0.02 mg/l			0.012 U mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC2			CC2			CC2			CC2			CC2			CC2			CC2			CC2		
Location Cross Ref.	CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172157			173301			173301			173302			173302			173303			173303			173304		
Sample Date	10/05/1991			10/27/1993			10/27/1993			11/30/1993			11/30/1993			12/17/1993			12/17/1993			01/20/1994		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D7421			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.001	U	mg/l	2.5	U	ug/l	1.5	U	ug/l	7		ug/l	1.5	U	ug/l	11		ug/l	1.5	U	ug/l	2.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				21		ug/l	22		ug/l	23		ug/l	25		ug/l	27		ug/l	22		ug/l	34		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC2		CC2		CC2		CC2		CC2		CC2		CC2		CC2	
Location Cross Ref.	CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173304		173305		173305		173306		173306		173307		173307		173308	
Sample Date	01/20/1994		02/18/1994		02/18/1994		03/08/1994		03/08/1994		03/23/1994		03/23/1994		04/07/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.3 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	5 J	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	23	ug/l	28	ug/l	36	ug/l	28	ug/l	36	ug/l	14	ug/l	17	ug/l	22	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC2		CC2		CC2		CC2		CC2		CC2		CC2		CC2	
Location Cross Ref.	CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173308		173309		173309		173310		173310		173311		173311		173312	
Sample Date	04/07/1994		04/19/1994		04/19/1994		05/04/1994		05/04/1994		05/19/1994		05/19/1994		06/08/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	7	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	26	ug/l	18	ug/l	27	ug/l	19	ug/l	22	ug/l	16	ug/l	13	ug/l	17	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC2		CC2		CC2		CC2		CC2		CC2		CC2		CC2	
Location Cross Ref.	CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173312		173313		173313		173314		173314		173315		173315		173316	
Sample Date	06/08/1994		06/23/1994		06/23/1994		07/25/1994		07/25/1994		08/16/1994		08/16/1994		09/13/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.7	ug/l	0.25 U	ug/l	0.25 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	2.5 U	ug/l	3 J	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	2.5 J	ug/l	2.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	27	ug/l	35	ug/l	35	ug/l	16	ug/l	28	ug/l	29	ug/l	37	ug/l	23	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC2		CC2		CC2		CC2		CC2		CC2		CC2		CC2	
Location Cross Ref.	CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173316		173317		173317		173318		173318		173319		173319		173320	
Sample Date	09/13/1994		10/06/1994		10/06/1994		11/16/1994		11/16/1994		12/13/1994		12/13/1994		01/10/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	6	ug/l	1.5 U	ug/l	5 J	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	29	ug/l	24	ug/l	16	ug/l	18	ug/l	17	ug/l	36	ug/l	40	ug/l	29	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC2		CC2		CC2		CC2		CC2		CC2		CC2		CC2	
Location Cross Ref.	CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6		CC-100/CC-6	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173320		173321		173321		173322		173322		173323		173323		173324	
Sample Date	01/10/1995		02/09/1995		02/09/1995		03/08/1995		03/08/1995		03/22/1995		03/22/1995		04/12/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1.3	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	28	ug/l	31	ug/l	52	ug/l	23	ug/l	26	ug/l	26	ug/l	21	ug/l	31	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC2			CC2			CC2			CC2			CC2			CC2			CC2			CC2		
Location Cross Ref.	CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173324			173325			173325			173326			173326			173327			173327			173328		
Sample Date	04/12/1995			04/25/1995			04/25/1995			05/10/1995			05/10/1995			05/23/1995			05/23/1995			06/13/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.6		ug/l	0.6		ug/l	1.2		ug/l	1		ug/l	0.5	J	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1.5	U	ug/l	6		ug/l	1.5	U	ug/l	5	J	ug/l	3	J	ug/l	7		ug/l	3	J	ug/l	6		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	21		ug/l	20		ug/l	12		ug/l	23		ug/l	21		ug/l	16		ug/l	10		ug/l	20		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC2			CC2			CC2			CC2			CC2			CC2			CC2			CC2		
Location Cross Ref.	CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC-100/CC-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173328			173329			173329			173330			173330			173331			173331			173332		
Sample Date	06/13/1995			06/27/1995			06/27/1995			07/11/1995			07/11/1995			07/25/1995			07/25/1995			08/14/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.5	J	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	3	J	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	3	J	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	12		ug/l	31		ug/l	31		ug/l	23		ug/l	26		ug/l	45		ug/l	42		ug/l	19		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC2			CC2			CC2			CC273			CC273			CC273			CC273			CC273		
Location Cross Ref.	CC-100/CC-6			CC-100/CC-6			CC-100/CC-6			CC273			CC273			CC273			CC273			CC273		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL			(2) URS/LAUCKS			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173332			173333			173333			168476			168476			168523			168523			46568		
Sample Date	08/14/1995			09/13/1995			09/13/1995			11/10/1997			11/10/1997			11/10/1997			11/10/1997			05/15/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum										20	U	ug/l	26	U	ug/l	20	U	ug/l	41	U	ug/l	50	U	ug/l
Antimony										0.5	U	ug/l	0.22	U	ug/l	0.5	U	ug/l	0.16	U	ug/l	0.5	U	ug/l
Arsenic										0.1	U	ug/l	0.16	U	ug/l	0.1	U	ug/l	0.16	U	ug/l	1	U	ug/l
Barium										12		ug/l	12	J	ug/l	12		ug/l	12	J	ug/l	10		ug/l
Beryllium										1	U	ug/l	0.35	U	ug/l	1	U	ug/l	0.35	U	ug/l	1	U	ug/l
Cadmium	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.04	U	ug/l	0.069	U	ug/l	0.04	U	ug/l	0.069	U	ug/l	0.1	U	ug/l
Calcium										2000		ug/l	2100		ug/l	2200		ug/l	2000		ug/l	1500		ug/l
Chromium										5	U	ug/l	6	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l
Cobalt										5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper										0.5	U	ug/l	0.39	U	ug/l	0.5	U	ug/l	0.96	J	ug/l	3	U	ug/l
Cyanide																								
Iron										10	U	ug/l	5	U	ug/l	10	U	ug/l	6.7	J	ug/l	20	U	ug/l
Lead	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	0.1	U	ug/l	0.26	J	ug/l	0.12		ug/l	0.45	J	ug/l	0.5	U	ug/l
Lithium																								
Magnesium										570		ug/l	570		ug/l	600		ug/l	560		ug/l	430		ug/l
Manganese										1	U	ug/l	1	U	ug/l	1	U	ug/l	2	J	ug/l	5	U	ug/l
Mercury										0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel										0.3	U	ug/l	5	U	ug/l	0.3	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium										700	U	ug/l	260	J	ug/l	700	U	ug/l	170	J	ug/l	240		ug/l
Selenium										1	U	ug/l	0.21	U	ug/l	1	U	ug/l	0.21	U	ug/l	1	U	ug/l
Silicon																								
Silver										0.03	U	ug/l	0.22	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.3	U	ug/l
Sodium										830		ug/l	860		ug/l	880		ug/l	840		ug/l	610		ug/l
Strontium																								
Sulfur																								
Thallium										0.5	U	ug/l	0.017	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium										3	U	ug/l	2	U	ug/l	3	U	ug/l	2	U	ug/l	5	U	ug/l
Zinc	28		ug/l	25		ug/l	23		ug/l	5.8		ug/l	11	U	ug/l	9.8		ug/l	12	U	ug/l	5	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC273			CC274			CC274			CC274			CC274			CC274			CC274			CC274		
Location Cross Ref.	CC273			CC274			CC274			CC274			CC274			CC274			CC274			CC274		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(2) URS/MEL			(2) URS/LAUCKS			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46568			168477			168477			186854			186854			186855			186855			186856		
Sample Date	05/15/1998			11/10/1997			11/10/1997			10/27/1998			10/27/1998			11/18/1998			11/18/1998			12/15/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	20	U	ug/l	52	U	ug/l															
Antimony	0.5	U	ug/l	0.5	U	ug/l	0.18	U	ug/l															
Arsenic	1	U	ug/l	0.1	U	ug/l	0.16	U	ug/l															
Barium	11		ug/l	12		ug/l	13	J	ug/l															
Beryllium	1	U	ug/l	1	U	ug/l	0.35	U	ug/l															
Cadmium	0.1	U	ug/l	0.043		ug/l	0.069	U	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Calcium	1600		ug/l	2300		ug/l	2400		ug/l				3300		ug/l				3200		ug/l			
Chromium	5	U	ug/l	5	U	ug/l	6	U	ug/l															
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Copper	3	U	ug/l	0.5	U	ug/l	0.42	U	ug/l															
Cyanide																								
Iron	20	U	ug/l	10	U	ug/l	58	J	ug/l															
Lead	1		ug/l	0.22		ug/l	0.44	J	ug/l	1	UJ	ug/l	1	UJ	ug/l	1		ug/l	1	UJ	ug/l	1		ug/l
Lithium																								
Magnesium	460		ug/l	690		ug/l	660		ug/l				1000		ug/l				990		ug/l			
Manganese	5	U	ug/l	1	U	ug/l	1	U	ug/l															
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l															
Molybdenum																								
Nickel	5	U	ug/l	0.3	U	ug/l	5	U	ug/l															
Potassium	250		ug/l	700	U	ug/l	320	J	ug/l															
Selenium	1	U	ug/l	1	U	ug/l	0.21	U	ug/l															
Silicon																								
Silver	0.3	U	ug/l	0.03	U	ug/l	0.22	U	ug/l															
Sodium	580		ug/l	870		ug/l	860		ug/l															
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	0.5	U	ug/l	0.017	U	ug/l															
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	3	U	ug/l	2.1	U	ug/l															
Zinc	5	U	ug/l	20		ug/l	24	U	ug/l	10		ug/l	20		ug/l	10		ug/l	11	UJ	ug/l	20		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC274			CC274			CC274			CC274			CC274			CC274			CC274			CC274		
Location Cross Ref.	CC274			CC274			CC274			CC274			CC274			CC274			CC274			CC274		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186856			186857			186857			186858			186858			186859			186859			186860		
Sample Date	12/15/1998			12/15/1998			12/15/1998			01/20/1999			01/20/1999			03/22/1999			03/22/1999			04/21/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1		ug/l
Calcium	3100		ug/l				3100		ug/l				2800		ug/l				2400		ug/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1	UJ	ug/l	1		ug/l	1	UJ	ug/l	1		ug/l	1	UJ	ug/l	1		ug/l	1	UJ	ug/l	1		ug/l
Lithium																								
Magnesium	970		ug/l				940		ug/l				880		ug/l				780		ug/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	20		ug/l	20		ug/l	20		ug/l	10		ug/l	16		ug/l	40		ug/l	8.2	UJ	ug/l	40		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC274			CC274			CC274			CC274			CC274			CC274			CC274			CC274		
Location Cross Ref.	CC274			CC274			CC274			CC274			CC274			CC274			CC274			CC274		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186860			186861			186861			186862			186862			186862			186863			186863		
Sample Date	04/21/1999			05/05/1999			05/05/1999			05/24/1999			05/24/1999			05/24/1999			06/15/1999			06/15/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l				1	UJ	ug/l	1	U	ug/l	1	U	ug/l							1	UJ	ug/l
Calcium	1900		ug/l				1800		ug/l				1300		ug/l							1200		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron										60		ug/l				10	U	ug/l						
Lead	1.3		ug/l				1		ug/l	5		ug/l	1	U	ug/l				4		ug/l	1		ug/l
Lithium																								
Magnesium	580		ug/l				550		ug/l				360		ug/l							340		ug/l
Manganese										8		ug/l				1	U	ug/l						
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium							920		ug/l				700		ug/l							580		ug/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	11	UJ	ug/l	10		ug/l	8.5		ug/l	10		ug/l	4.5		ug/l							3		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC274			CC274			CC274			CC274			CC274			CC274			CC274			CC274		
Location Cross Ref.	CC274			CC274			CC274			CC274			CC274			CC274			CC274			CC274		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202182			202182			202182			202183			202183			202183			202184			202184		
Sample Date	07/08/1999			07/08/1999			07/08/1999			08/05/1999			08/05/1999			08/05/1999			08/30/1999			08/30/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			D6010			6010			D6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.1	U	ug/l	1	U	ug/l				0.1	U	ug/l	1	U	ug/l				0.1	U	ug/l
Calcium	1.6		mg/l							2.7		mg/l							3.1		mg/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				1.1		ug/l	1	U	ug/l				0.62		ug/l	1	U	ug/l				0.24		ug/l
Lithium																								
Magnesium	0.47		mg/l							0.79		mg/l							0.95		mg/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium	0.65		mg/l							0.86		mg/l							0.97		mg/l			
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				4.6		ug/l	5		ug/l				5.5		ug/l	5		ug/l				4.6		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC274			CC290			CC290			CC402			CC402			CC402			CC402			CC410		
Location Cross Ref.	CC274									TIGER-POORMAN			TIGER-POORMAN			TIGER-POORMAN			TIGER-POORMAN					
Location Type	River/Stream			River/Stream			River/Stream			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(3) URS/SWRI			(3) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(23) URS/SWRI			(23) URS/SWRI			(11) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Groundwater			Groundwater			Groundwater			Groundwater			Surface Water		
Depth Range in Ft.	-			-			-			20 - 20			20 - 20			20 - 20			20 - 20			-		
Sample Number	202184			46567			46567			49104			49104			61461			61461			49003		
Sample Date	08/30/1999			05/15/1998			05/15/1998			12/03/1998			12/03/1998			12/05/1999			12/05/1999			11/12/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				50	U	ug/l	50	U	ug/l	68	U	ug/l	68	U	ug/l	50	U	ug/l	50	U	ug/l	68	U	ug/l
Antimony				0.5	U	ug/l	0.5	U	ug/l	0.93	J	ug/l	1.6	J	ug/l	2	U	ug/l	2	U	ug/l	0.31	U	ug/l
Arsenic				1	U	ug/l	1	U	ug/l	2		ug/l	2.2		ug/l	4.2		ug/l	4.5		ug/l	0.2	U	ug/l
Barium				10		ug/l	11		ug/l	64		ug/l	62		ug/l	77		ug/l	79		ug/l	18	J	ug/l
Beryllium				1	U	ug/l	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	1	U	ug/l	1	U	ug/l	0.28	U	ug/l
Cadmium	1	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	2.9	J	ug/l	3	J	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.11	UJ	ug/l
Calcium				1500		ug/l	1600		ug/l	17000		ug/l	17000		ug/l	13000		ug/l	14000		ug/l	4700		ug/l
Chromium				5	U	ug/l	5	U	ug/l	0.058	U	ug/l	0.24	U	ug/l	5	U	ug/l	5	U	ug/l	0.14	U	ug/l
Cobalt				5	U	ug/l	5	U	ug/l	0.037	U	ug/l	0.037	U	ug/l	5	U	ug/l	5	U	ug/l	0.037	U	ug/l
Copper				3	U	ug/l	3	U	ug/l	0.087	U	ug/l	0.51	J	ug/l	5	U	ug/l	5	U	ug/l	0.087	U	ug/l
Cyanide																								
Iron				20	U	ug/l	20	U	ug/l	22	U	ug/l	6.9	U	ug/l	25	U	ug/l	25	U	ug/l	20	U	ug/l
Lead	1	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.13	J	ug/l	0.44	J	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.19	U	ug/l
Lithium																								
Magnesium				420		ug/l	460		ug/l	4000		ug/l	3900		ug/l	4300		ug/l	4400		ug/l	1400		ug/l
Manganese				5	U	ug/l	5	U	ug/l	4.6	U	ug/l	3.4	U	ug/l	5	U	ug/l	5	U	ug/l	1.5	U	ug/l
Mercury				0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel				5	U	ug/l	5	U	ug/l	7	J	ug/l	5.7	U	ug/l	5	U	ug/l	5	U	ug/l	5.7	U	ug/l
Potassium				200	U	ug/l	220		ug/l	1300		ug/l	1300		ug/l	560	J	ug/l	680	J	ug/l	340	J	ug/l
Selenium				1	U	ug/l	1	U	ug/l	0.47	J	ug/l	0.36	U	ug/l	2	U	ug/l	2	U	ug/l	0.36	U	ug/l
Silicon																								
Silver				0.3	U	ug/l	0.3	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	5	U	ug/l	5	U	ug/l	4.5	U	ug/l
Sodium				600		ug/l	540		ug/l	4000		ug/l	3900	J	ug/l	3500		ug/l	3600		ug/l	1200	J	ug/l
Strontium																								
Sulfur																								
Thallium				0.1	U	ug/l	0.1	U	ug/l	0.03	U	ug/l	0.16	J	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.03	U	ug/l
Titanium																								
Uranium																								
Vanadium				5	U	ug/l	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	U	ug/l
Zinc	5		ug/l	5.8		ug/l	6.4		ug/l	510	J	ug/l	610		ug/l	5	U	ug/l	5	U	ug/l	11		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg02

Site Location	CC410			CC410			CC410		
Location Cross Ref.									
Location Type	River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(11) URS/LAUCKS			(23) URS/SWRI			(23) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-		
Sample Number	49003			61484			61484		
Sample Date	11/12/1998			12/05/1999			12/05/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	68	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony	0.22	U	ug/l	2	U	ug/l	2	U	ug/l
Arsenic	0.2	U	ug/l	1	U	ug/l	1	U	ug/l
Barium	18	J	ug/l	14	J	ug/l	13	J	ug/l
Beryllium	0.28	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	0.079	U	ug/l	0.5	U	ug/l	0.5	U	ug/l
Calcium	4500		ug/l	2800		ug/l	2900		ug/l
Chromium	0.17	J	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	0.037	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	0.087	U	ug/l	5	U	ug/l	5	U	ug/l
Cyanide									
Iron	6.9	U	ug/l	25	U	ug/l	25	U	ug/l
Lead	0.29	J	ug/l	0.5	U	ug/l	0.55	J	ug/l
Lithium									
Magnesium	1400		ug/l	800		ug/l	830		ug/l
Manganese	1.5	U	ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum									
Nickel	5.7	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium	280	J	ug/l	460	J	ug/l	560	U	ug/l
Selenium	0.36	U	ug/l	2	U	ug/l	2	U	ug/l
Silicon									
Silver	4.5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	1100		ug/l	920		ug/l	920		ug/l
Strontium									
Sulfur									
Thallium	0.03	U	ug/l	0.5	U	ug/l	0.5	U	ug/l
Titanium									
Uranium									
Vanadium	3.2	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	9.1		ug/l	13		ug/l	13		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg03

Site Location	CC392			CC392			CC392			CC392			CC392			CC392			CC392			CC392		
Location Cross Ref.	GORG-1			GORG-1			GORG-1			GORG-1			GORG-1			GORG-1			GORG-1			GORG-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172031			172031			172031			172031			172031			172137			172137			172137		
Sample Date	05/18/1991			05/18/1991			05/18/1991			05/18/1991			05/18/1991			10/05/1991			10/05/1991			10/05/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0014		mg/l				0.0003		mg/l							0.0014		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.23		mg/l				0.003	U	mg/l							0.024		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.17		mg/l							0.054		mg/l				0.098		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg03

Site Location	CC392		CC392		CC392		CC392		CC392		CC392		CC392		CC392	
Location Cross Ref.	GORG-1		GORG-1		GORG-1		GORG-1		GORG-1		GORG-1		GORG-1		GORG-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(5) MFG/OTHER		(5) MFG/OTHER		(3) URS/SWRI		(3) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172137		172137		46575		46575		48860		48860		61411		61411	
Sample Date	10/05/1991		10/05/1991		05/15/1998		05/15/1998		11/12/1998		11/12/1998		12/06/1999		12/06/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D7421		IN-CLP-LOW		DIN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum					50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Antimony					5.2	ug/l	5.2	ug/l	82	ug/l	85	ug/l	38	ug/l	39	ug/l
Arsenic					2	ug/l	1 U	ug/l	1 U	ug/l	1.5 J	ug/l	1.2 J	ug/l	1.1 J	ug/l
Barium					12	ug/l	11	ug/l	27	ug/l	27	ug/l	20	ug/l	20 J	ug/l
Beryllium					1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	0.0013	mg/l			2	ug/l	1.9	ug/l	1.7	ug/l	1.8	ug/l	1.7	ug/l	1.7	ug/l
Calcium					4600	ug/l	4500	ug/l	13000	ug/l	14000	ug/l	7600	ug/l	8000	ug/l
Chromium					5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt					5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper					3 U	ug/l	3 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cyanide																
Iron					86 U	ug/l	20 U	ug/l	50 U	ug/l	50 U	ug/l	25 U	ug/l	25 U	ug/l
Lead			0.004	mg/l	27	ug/l	12	ug/l	27	ug/l	28	ug/l	17	ug/l	19	ug/l
Lithium																
Magnesium					1500	ug/l	1500	ug/l	6100	ug/l	6300	ug/l	3300	ug/l	3400	ug/l
Manganese					81	ug/l	77	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Mercury					0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel					5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium					360	ug/l	200 U	ug/l	410 J	ug/l	360 J	ug/l	470 J	ug/l	660 U	ug/l
Selenium					1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	2 U	ug/l	2 U	ug/l
Silicon																
Silver					0.3 U	ug/l	0.3 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium					870	ug/l	880	ug/l	2200	ug/l	2000	ug/l	1500	ug/l	1500	ug/l
Strontium																
Sulfur																
Thallium					0.1 U	ug/l	0.1 U	ug/l	1 U	ug/l	1 U	ug/l	0.5 U	ug/l	0.5 U	ug/l
Titanium																
Uranium																
Vanadium					5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	0.012 U	mg/l			180	ug/l	170	ug/l	130	ug/l	140	ug/l	130	ug/l	140	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg03

Site Location	CC401		CC401		CC401		CC401		CC8229		CC8229	
Location Cross Ref.	TIGER-POORMAN		TIGER-POORMAN		TIGER-POORMAN		TIGER-POORMAN		B8139708		B8139708	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Adit		Adit	
(Ref) Source/Lab	(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI		(23) URS/SWRI		(13) IGS/OTHER		(13) IGS/OTHER	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Surface Water		Surface Water	
Depth Range in Ft.	21 - 21		21 - 21		21 - 21		21 - 21		-		-	
Sample Number	49041		49041		61399		61399		187971		187971	
Sample Date	12/04/1998		12/04/1998		12/06/1999		12/06/1999		*		*	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	100 J	ug/l	68 U	ug/l	50 U	ug/l	140	ug/l			0.089 U	mg/l
Antimony	18	ug/l	18	ug/l	11	ug/l	12	ug/l				
Arsenic	0.28 J	ug/l	0.43 J	ug/l	1 U	ug/l	1 U	ug/l				
Barium	12 J	ug/l	13 J	ug/l	7.6 J	ug/l	9.1 J	ug/l	0.029	mg/l	0.023	mg/l
Beryllium	0.28 U	ug/l	0.4 J	ug/l	1 U	ug/l	1 U	ug/l				
Cadmium	0.34 J	ug/l	0.39 J	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.003 U	mg/l	0.0023 U	mg/l
Calcium	3700	ug/l	3600	ug/l	2300	ug/l	2300	ug/l				
Chromium	0.24 J	ug/l	0.13 J	ug/l	5 U	ug/l	5 U	ug/l	0.013 U	mg/l	0.0044 U	mg/l
Cobalt	0.15 J	ug/l	0.037 U	ug/l	5 U	ug/l	5 U	ug/l				
Copper	0.94 U	ug/l	0.89 UJ	ug/l	5 U	ug/l	5 U	ug/l	0.035 U	mg/l	0.01	mg/l
Cyanide												
Iron	98 J	ug/l	6.9 U	ug/l	25 U	ug/l	160 U	ug/l	0.26	mg/l	0.25	mg/l
Lead	9.8	ug/l	2.6	ug/l	9.2	ug/l	27	ug/l				
Lithium												
Magnesium	1700	ug/l	1700	ug/l	1100	ug/l	1100	ug/l				
Manganese	11	ug/l	2.3 J	ug/l	5 U	ug/l	7.5 J	ug/l	0.15	mg/l	0.14	mg/l
Mercury	0.33	ug/l	0.2 U	ug/l	0.49	ug/l	0.2 U	ug/l				
Molybdenum												
Nickel	5.7 U	ug/l	5.7 U	ug/l	5 U	ug/l	5 U	ug/l	0.02 U	mg/l	0.007 U	mg/l
Potassium	450 J	ug/l	440 J	ug/l	450 J	ug/l	790 U	ug/l				
Selenium	0.36 U	ug/l	0.5 U	ug/l	2 U	ug/l	2 U	ug/l				
Silicon												
Silver	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l	5 U	ug/l				
Sodium	1200	ug/l	1200 J	ug/l	1200	ug/l	1300	ug/l				
Strontium												
Sulfur												
Thallium	0.03 U	ug/l	0.12 U	ug/l	0.5 U	ug/l	0.5 U	ug/l				
Titanium												
Uranium												
Vanadium	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l	5 U	ug/l				
Zinc	36	ug/l	33	ug/l	28	ug/l	33	ug/l	0.21	mg/l	0.18	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC15	CC15	CC15	CC15	CC15	CC15	CC15	CC15
Location Cross Ref.	CC-40	CC-40	CC-40	CC-40	CC-40	CC-40	CC-40	CC-40
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172040	172040	172040	172040	172040	172147	172147	172147
Sample Date	05/17/1991	05/17/1991	05/17/1991	05/17/1991	05/17/1991	10/05/1991	10/05/1991	10/05/1991
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	7131	7421	D6010	D7421	6010	7131	7421

Analyte	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium			0.0027	mg/l			0.0021	mg/l					0.0095	mg/l		
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead					0.021	mg/l			0.009	mg/l					0.026	mg/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	0.4	mg/l					0.41	mg/l			1.3	mg/l				

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC15			CC15			CC15			CC15			CC15			CC15			CC15			CC15		
Location Cross Ref.	CC-40			CC-40			CC-40			CC-40			CC-40			CC-40			CC-40			CC-40		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172147			172147			186003			186003			186020			186020			186036			186036		
Sample Date	10/05/1991			10/05/1991			10/29/1996			10/29/1996			11/27/1996			11/27/1996			12/13/1996			12/13/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D7421			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0076		mg/l				0.0068		mg/l	0.0068		mg/l	0.008		mg/l	0.0083		mg/l	0.014		mg/l	0.015		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.007	U	mg/l	0.032		mg/l	0.016		mg/l	0.034		mg/l	0.015		mg/l	0.037		mg/l	0.02		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.1		mg/l				1.2		mg/l	1.2		mg/l	1.6		mg/l	1.7		mg/l	2.5		mg/l	2.6		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC15		CC15		CC15		CC15		CC15		CC15		CC15		CC15	
Location Cross Ref.	CC-40		CC-40		CC-40		CC-40		CC-40		CC-40		CC-40		CC-40	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	186053		186053		186069		186069		186089		186089		186109		186109	
Sample Date	01/30/1997		01/30/1997		02/19/1997		02/19/1997		03/26/1997		03/26/1997		04/16/1997		04/16/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.0077	mg/l	0.008	mg/l	0.01	mg/l	0.011	mg/l	0.013	mg/l	0.013	mg/l	0.012	mg/l	0.011	mg/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	0.038	mg/l	0.018	mg/l	0.042	mg/l	0.024	mg/l	0.045	mg/l	0.027	mg/l	0.034	mg/l	0.019	mg/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1.4	mg/l	1.4	mg/l	1.9	mg/l	1.9	mg/l	2.2	mg/l	2.3	mg/l	2.1	mg/l	2.2	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC15			CC15			CC15			CC15			CC15			CC15			CC15			CC15		
Location Cross Ref.	CC-40			CC-40			CC-40			CC-40			CC-40			CC-40			CC-40			CC-40		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186129			186149			186149			186169			186169			186189			186189			186209		
Sample Date	05/15/1997			06/24/1997			06/24/1997			07/23/1997			07/23/1997			08/14/1997			08/14/1997			09/04/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.9		ug/l	0.002		mg/l	0.0021		mg/l	0.003		mg/l	0.0033		mg/l	0.014		mg/l	0.0066		mg/l	0.0064		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	470		ug/l	0.028		mg/l	0.016		mg/l	0.03		mg/l	0.022		mg/l	1.4		mg/l	0.075		mg/l	0.06		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	470		ug/l	0.37		mg/l	0.44		mg/l	0.59		mg/l	0.64		mg/l	1.2		mg/l	0.98		mg/l	1.1		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC15		CC15		CC15		CC15		CC15		CC15		CC15		CC15	
Location Cross Ref.	CC-40		CC-40		CC-40		CC-40		CC-40		CC-40		CC-40		CC-40	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	186209		186229		186229		186249		186249		186268		186268		186287	
Sample Date	09/04/1997		10/16/1997		10/16/1997		11/26/1997		11/26/1997		12/19/1997		12/19/1997		01/22/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.0064	mg/l	0.008	mg/l	0.0076	mg/l	0.0077	mg/l	0.0065	mg/l	0.0084	mg/l	0.0086	mg/l	0.014	mg/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	0.029	mg/l	0.075	mg/l	0.033	mg/l	0.28	mg/l	0.066	mg/l	0.095	mg/l	0.032	mg/l	0.08	mg/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1.1	mg/l	1.2	mg/l	1.2	mg/l	1.1	mg/l	1.1	mg/l	1.1	mg/l	1.2	mg/l	1.8	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC15			CC15			CC15			CC15			CC15			CC15			CC15			CC276		
Location Cross Ref.	CC-40			CC-40			CC-40			CC-40			CC-40			CC-40			CC-40			CC-90/CC-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186287			186306			186306			186325			186325			186344			186344			172033		
Sample Date	01/22/1998			02/26/1998			02/26/1998			03/20/1998			03/20/1998			04/23/1998			04/23/1998			05/18/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.015		mg/l	0.009		mg/l	0.0088		mg/l	0.0088		mg/l	0.009		mg/l	0.0084		mg/l	0.0046		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.04		mg/l	0.053		mg/l	0.029		mg/l	0.062		mg/l	0.03		mg/l	1.7		mg/l	0.11		mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.8		mg/l	1.4		mg/l	1.4		mg/l	1.4		mg/l	1.4		mg/l	1		mg/l	0.68		mg/l	0.21		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC276			CC276			CC276			CC276			CC276			CC276			CC276			CC276		
Location Cross Ref.	CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172033			172033			172033			172033			172139			172139			172139			172139		
Sample Date	05/18/1991			05/18/1991			05/18/1991			05/18/1991			10/05/1991			10/05/1991			10/05/1991			10/05/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7131			7421			D6010			D7421			6010			7131			7421			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0011		mg/l				0.0004		mg/l							0.001		mg/l				0.0009		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.085		mg/l				0.003	U	mg/l							0.013		mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							0.057		mg/l				0.16		mg/l							0.14		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC276		CC276		CC276		CC276		CC276		CC276		CC276		CC276	
Location Cross Ref.	CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(5) MFG/OTHER		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172139		173742		173742		173743		173743		173744		173744		173745	
Sample Date	10/05/1991		10/27/1993		10/27/1993		11/30/1993		11/30/1993		12/17/1993		12/17/1993		01/20/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D7421		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium			0.8	ug/l	0.8	ug/l	0.7	ug/l	0.7	ug/l	0.8	ug/l	0.7	ug/l	0.8	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	0.003	mg/l	7	ug/l	6	ug/l	10	ug/l	5	ug/l	8	ug/l	6	ug/l	7	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc			100	ug/l	100	ug/l	99	ug/l	100	ug/l	110	ug/l	110	ug/l	120	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC276		CC276		CC276		CC276		CC276		CC276		CC276		CC276	
Location Cross Ref.	CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173745		173746		173746		173747		173747		173748		173748		173749	
Sample Date	01/20/1994		02/18/1994		02/18/1994		03/08/1994		03/08/1994		03/24/1994		03/24/1994		04/07/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.8	ug/l	0.8	ug/l	0.8	ug/l	0.8	ug/l	0.8	ug/l	0.9	ug/l	1	ug/l	0.7	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	4	ug/l	7	ug/l	5	ug/l	6	ug/l	3 J	ug/l	11	ug/l	4	ug/l	8	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	100	ug/l	120	ug/l	120	ug/l	110	ug/l	110	ug/l	140	ug/l	140	ug/l	76	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC276		CC276		CC276		CC276		CC276		CC276		CC276		CC276	
Location Cross Ref.	CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173749		173750		173750		173751		173751		173752		173752		173753	
Sample Date	04/07/1994		04/19/1994		04/19/1994		05/04/1994		05/04/1994		05/19/1994		05/19/1994		06/07/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.6	ug/l	0.6	ug/l	0.6	ug/l	0.5 J	ug/l	0.5 J	ug/l	0.25	ug/l	0.5 J	ug/l	0.5 J	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	34	ug/l	6	ug/l	6	ug/l	4	ug/l	2.5 U	ug/l	3 J	ug/l	5 J	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	79	ug/l	65	ug/l	64	ug/l	53	ug/l	53	ug/l	43	ug/l	41	ug/l	63	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC276			CC276			CC276			CC276			CC276			CC276			CC276			CC276		
Location Cross Ref.	CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173753			173754			173754			173755			173755			173756			173756			173757		
Sample Date	06/07/1994			06/23/1994			06/23/1994			07/25/1994			07/25/1994			08/16/1994			08/16/1994			09/13/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.6		ug/l	0.6		ug/l	0.6		ug/l	0.8		ug/l	0.8		ug/l	0.9		ug/l	0.7		ug/l	0.7		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	3	J	ug/l	6		ug/l	4		ug/l	9		ug/l	7		ug/l	11		ug/l	5		ug/l	11		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	63		ug/l	75		ug/l	73		ug/l	79		ug/l	78		ug/l	110		ug/l	100		ug/l	97		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC276			CC276			CC276			CC276			CC276			CC276			CC276			CC276		
Location Cross Ref.	CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173757			173758			173758			173759			173759			173760			173760			173761		
Sample Date	09/13/1994			10/06/1994			10/06/1994			11/16/1994			11/16/1994			12/13/1994			12/13/1994			01/10/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.7		ug/l	0.8		ug/l	0.8		ug/l	0.7		ug/l	0.5	J	ug/l	0.7		ug/l	0.7		ug/l	1		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	4		ug/l	6		ug/l	5		ug/l	7		ug/l	3	J	ug/l	6		ug/l	3	J	ug/l	12		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	94		ug/l	110		ug/l	110		ug/l	100		ug/l	100		ug/l	110		ug/l	110		ug/l	160		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC276			CC276			CC276			CC276			CC276			CC276			CC276			CC276		
Location Cross Ref.	CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-90/CC-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173761			173762			173762			173763			173763			173764			173764			173765		
Sample Date	01/10/1995			02/09/1995			02/09/1995			03/08/1995			03/08/1995			03/22/1995			03/22/1995			04/12/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1		ug/l	0.8		ug/l	0.7		ug/l	0.5	J	ug/l	0.6		ug/l	0.8		ug/l	0.9		ug/l	0.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1.5	U	ug/l	8		ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	8		ug/l	4		ug/l	12		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	160		ug/l	120		ug/l	120		ug/l	84		ug/l	82		ug/l	120		ug/l	100		ug/l	91		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC276		CC276		CC276		CC276		CC276		CC276		CC276		CC276	
Location Cross Ref.	CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173765		173766		173766		173767		173767		173768		173768		173769	
Sample Date	04/12/1995		04/25/1995		04/25/1995		05/10/1995		05/10/1995		05/23/1995		05/23/1995		06/13/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.8	ug/l	0.6	ug/l	0.7	ug/l	0.9	ug/l	1	ug/l	1	ug/l	0.7	ug/l	0.7	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	3 J	ug/l	8	ug/l	3 J	ug/l	10	ug/l	7	ug/l	10	ug/l	6	ug/l	16	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	85	ug/l	79	ug/l	71	ug/l	68	ug/l	58	ug/l	58	ug/l	51	ug/l	51	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC276		CC276		CC276		CC276		CC276		CC276		CC276		CC276	
Location Cross Ref.	CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173769		173770		173770		173771		173771		173772		173772		173773	
Sample Date	06/13/1995		06/27/1995		06/27/1995		07/11/1995		07/11/1995		07/25/1995		07/25/1995		08/14/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.6	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.5 J	ug/l	0.5 J	ug/l	0.9	ug/l	0.6	ug/l	0.6	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	5	ug/l	6	ug/l	4	ug/l	10	ug/l	4	ug/l	30	ug/l	4	ug/l	7	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	45	ug/l	45	ug/l	40	ug/l	67	ug/l	65	ug/l	98	ug/l	80	ug/l	83	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC276		CC276		CC276		CC276		CC276		CC276		CC276		CC276	
Location Cross Ref.	CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5		CC-90/CC-5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI		(11) URS/SWRI	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173773		173774		173774		168478		168478		46574		46574		48861	
Sample Date	08/14/1995		09/13/1995		09/13/1995		11/10/1997		11/10/1997		05/15/1998		05/15/1998		11/12/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum							20 U	ug/l	26 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Antimony							2.5	ug/l	2.6	ug/l	0.65	ug/l	0.71	ug/l	6.6	ug/l
Arsenic							0.23	ug/l	0.42	ug/l	1 U	ug/l	1	ug/l	1 U	ug/l
Barium							13	ug/l	15 J	ug/l	11	ug/l	13	ug/l	20 J	ug/l
Beryllium							1 U	ug/l	0.35 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	0.6	ug/l	0.6	ug/l	0.7	ug/l	0.39	ug/l	0.35 J	ug/l	0.25	ug/l	0.26	ug/l	1 U	ug/l
Calcium							4400	ug/l	4600	ug/l	2100	ug/l	2300	ug/l	9800	ug/l
Chromium							5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt							5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper							0.5 U	ug/l	0.59 J	ug/l	3 U	ug/l	3 U	ug/l	5 U	ug/l
Cyanide																
Iron							10 U	ug/l	6.8 J	ug/l	20 U	ug/l	97 U	ug/l	50 U	ug/l
Lead	3 J	ug/l	7	ug/l	4	ug/l	1.9	ug/l	2.8	ug/l	1.9	ug/l	6.4	ug/l	3.2	ug/l
Lithium																
Magnesium							1300	ug/l	1300	ug/l	590	ug/l	650	ug/l	2800	ug/l
Manganese							7.6	ug/l	10	ug/l	6.2	ug/l	13	ug/l	5 U	ug/l
Mercury							0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel							0.31	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium							700 U	ug/l	330 J	ug/l	200 U	ug/l	290	ug/l	440 J	ug/l
Selenium							1 U	ug/l	0.36	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Silicon																
Silver							0.03 U	ug/l	0.22 U	ug/l	0.3 U	ug/l	0.3 U	ug/l	5 U	ug/l
Sodium							970	ug/l	1000	ug/l	650	ug/l	610	ug/l	1400	ug/l
Strontium																
Sulfur																
Thallium							0.5 U	ug/l	0.017 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	1 U	ug/l
Titanium																
Uranium																
Vanadium							3 U	ug/l	2.2 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	110	ug/l	99	ug/l	100	ug/l	39	ug/l	48 J	ug/l	29	ug/l	42	ug/l	48	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC276			CC276			CC276			CC277			CC277			CC277			CC277			CC277		
Location Cross Ref.	CC-90/CC-5			CC-90/CC-5			CC-90/CC-5			CC-80			CC-80			CC-80			CC-80			CC-80		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(11) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	48861			61398			61398			172034			172034			172034			172034			172034		
Sample Date	11/12/1998			12/05/1999			12/05/1999			05/18/1991			05/18/1991			05/18/1991			05/18/1991			05/18/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l															
Antimony	6.8		ug/l	2.6	J	ug/l	2.4	J	ug/l															
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l															
Barium	20	J	ug/l	14	J	ug/l	15	J	ug/l															
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l															
Cadmium	1	U	ug/l	0.5	U	ug/l	0.5	U	ug/l				0.0019		mg/l				0.0006		mg/l			
Calcium	9900		ug/l	4600		ug/l	4800		ug/l															
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Copper	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Cyanide																								
Iron	50	U	ug/l	25	U	ug/l	25	U	ug/l															
Lead	4.9		ug/l	1.6	J	ug/l	3.2		ug/l							0.18		mg/l				0.003	U	mg/l
Lithium																								
Magnesium	2900		ug/l	1300		ug/l	1300		ug/l															
Manganese	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l															
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Potassium	390	J	ug/l	200	U	ug/l	330	J	ug/l															
Selenium	1	U	ug/l	2	U	ug/l	2	U	ug/l															
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Sodium	1500		ug/l	1000		ug/l	1000		ug/l															
Strontium																								
Sulfur																								
Thallium	1	U	ug/l	0.5	U	ug/l	0.5	U	ug/l															
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Zinc	48		ug/l	33		ug/l	31		ug/l	0.12		mg/l							0.077		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC277			CC277			CC277			CC277			CC277			CC277			CC277			CC277		
Location Cross Ref.	CC-80			CC-80			CC-80			CC-80			CC-80			CC-80			CC-80			CC-80		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172140			172140			172140			172140			172140			168479			168479			46566		
Sample Date	10/05/1991			10/05/1991			10/05/1991			10/05/1991			10/05/1991			11/10/1997			11/10/1997			05/15/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																20	U	ug/l	32	U	ug/l	50	U	ug/l
Antimony																2.6		ug/l	2.8		ug/l	0.63		ug/l
Arsenic																0.42		ug/l	0.62		ug/l	1	U	ug/l
Barium																26		ug/l	25		ug/l	14		ug/l
Beryllium																1	U	ug/l	0.35	U	ug/l	1	U	ug/l
Cadmium				0.0014		mg/l				0.0014		mg/l				0.78		ug/l	0.79		ug/l	0.34		ug/l
Calcium																6100		ug/l	5800		ug/l	2400		ug/l
Chromium																5	U	ug/l	6	U	ug/l	5	U	ug/l
Cobalt																5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper																0.52		ug/l	0.74	J	ug/l	3	U	ug/l
Cyanide																								
Iron																160		ug/l	230		ug/l	44		ug/l
Lead							0.011		mg/l				0.006		mg/l	2.4		ug/l	4.8		ug/l	2		ug/l
Lithium																								
Magnesium																1700		ug/l	1600		ug/l	690		ug/l
Manganese																32		ug/l	33		ug/l	12		ug/l
Mercury																0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																0.3	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium																700	U	ug/l	280	J	ug/l	230		ug/l
Selenium																1	U	ug/l	0.23		ug/l	1	U	ug/l
Silicon																								
Silver																0.03	U	ug/l	0.22	U	ug/l	0.3	U	ug/l
Sodium																1000		ug/l	1000		ug/l	670		ug/l
Strontium																								
Sulfur																								
Thallium																0.5	U	ug/l	0.017	U	ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium																3	U	ug/l	3.1	U	ug/l	5	U	ug/l
Zinc	0.21		mg/l							0.17		mg/l				120		ug/l	120	J	ug/l	45		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC277		CC277		CC277		CC277		CC277		CC277		CC277		CC278	
Location Cross Ref.	CC-80		CC-80		CC-80		CC-80		CC-80		CC-80		CC-80		CC-70/CC-4	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(3) URS/SWRI		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI		(23) URS/SWRI		(4) MFG/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	46566		49005		49005		49073		49073		61465		61465		172035	
Sample Date	05/15/1998		11/12/1998		11/12/1998		12/04/1998		12/04/1998		12/05/1999		12/05/1999		05/17/1991	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	50 U	ug/l	68 U	ug/l	68 U	ug/l	68 U	ug/l	68 U	ug/l	50 U	ug/l	50 U	ug/l		
Antimony	0.66	ug/l	6	ug/l	6	ug/l	4.7 J	ug/l	4.7 J	ug/l	2.7 J	ug/l	2.6 J	ug/l		
Arsenic	1.8	ug/l	0.69 J	ug/l	0.92 J	ug/l	0.79 J	ug/l	0.58 J	ug/l	1 U	ug/l	1 U	ug/l		
Barium	15	ug/l	48	ug/l	47	ug/l	38	ug/l	40	ug/l	27	ug/l	28	ug/l		
Beryllium	1 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	1 U	ug/l	1 U	ug/l		
Cadmium	0.35	ug/l	1.1 J	ug/l	1.2	ug/l	3.4	ug/l	3.1	ug/l	0.71 J	ug/l	0.73 J	ug/l		
Calcium	2600	ug/l	12000	ug/l	11000	ug/l	9700	ug/l	10000	ug/l	6200	ug/l	5900	ug/l		
Chromium	5 U	ug/l	0.058 U	ug/l	0.058 U	ug/l	0.23 J	ug/l	0.17 J	ug/l	5 U	ug/l	5 U	ug/l		
Cobalt	5 U	ug/l	0.037 U	ug/l	0.037 U	ug/l	0.11 J	ug/l	1.7 J	ug/l	5 U	ug/l	5 U	ug/l		
Copper	3 U	ug/l	0.087 U	ug/l	0.087 U	ug/l	0.6 U	ug/l	0.35 UJ	ug/l	5 U	ug/l	5 U	ug/l		
Cyanide																
Iron	80 U	ug/l	320	ug/l	470	ug/l	430	ug/l	280	ug/l	160	ug/l	200	ug/l		
Lead	3.4	ug/l	1.6 J	ug/l	6.2	ug/l	17	ug/l	3.8	ug/l	2.2	ug/l	3.6	ug/l		
Lithium																
Magnesium	740	ug/l	3400	ug/l	3300	ug/l	2700	ug/l	2800	ug/l	1700	ug/l	1700	ug/l		
Manganese	14	ug/l	62	ug/l	60	ug/l	54	ug/l	55	ug/l	28	ug/l	27	ug/l		
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l		
Molybdenum																
Nickel	5 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5 U	ug/l	5 U	ug/l		
Potassium	210	ug/l	570 J	ug/l	430 J	ug/l	440 J	ug/l	540 J	ug/l	390 J	ug/l	280 J	ug/l		
Selenium	1 U	ug/l	0.43 J	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	2 U	ug/l	2 U	ug/l		
Silicon																
Silver	0.3 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l	5 U	ug/l		
Sodium	610	ug/l	1500 J	ug/l	1400	ug/l	1300	ug/l	1400 J	ug/l	1100	ug/l	1000	ug/l		
Strontium																
Sulfur																
Thallium	0.1 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.11 U	ug/l	0.5 U	ug/l	0.5 U	ug/l		
Titanium																
Uranium																
Vanadium	5 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l	5 U	ug/l		
Zinc	47	ug/l	150	ug/l	170	ug/l	570	ug/l	530	ug/l	120	ug/l	110	ug/l	0.17	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC278			CC278			CC278			CC278			CC278			CC278			CC278			CC278		
Location Cross Ref.	CC-70/CC-4			CC-70/CC-4			CC-70/CC-4			CC-70/CC-4			CC-70/CC-4			CC-70/CC-4			CC-70/CC-4			CC-70/CC-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172035			172035			172035			172035			172141			172141			172141			172141		
Sample Date	05/17/1991			05/17/1991			05/17/1991			05/17/1991			10/05/1991			10/05/1991			10/05/1991			10/05/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7131			7421			D6010			D7421			6010			7131			7421			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0013		mg/l				0.0009		mg/l							0.0029		mg/l				0.0028		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.014		mg/l				0.003	U	mg/l							0.016		mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							0.15		mg/l				0.41		mg/l							0.32		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC278		CC278		CC278		CC278		CC278		CC278		CC278		CC278	
Location Cross Ref.	CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(5) MFG/OTHER		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172141		173775		173775		173776		173776		173777		173777		173778	
Sample Date	10/05/1991		10/27/1993		10/27/1993		11/30/1993		11/30/1993		12/17/1993		12/17/1993		01/20/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D7421		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium			3	ug/l	3.1	ug/l	5.6	ug/l	5.6	ug/l	3	ug/l	3.1	ug/l	3.4	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	0.009	mg/l	14	ug/l	8	ug/l	14	ug/l	8	ug/l	14	ug/l	10	ug/l	17	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc			490	ug/l	500	ug/l	580	ug/l	470	ug/l	520	ug/l	510	ug/l	560	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC278			CC278			CC278			CC278			CC278			CC278			CC278			CC278		
Location Cross Ref.	CC-70/CC-4			CC-70/CC-4			CC-70/CC-4			CC-70/CC-4			CC-70/CC-4			CC-70/CC-4			CC-70/CC-4			CC-70/CC-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173778			173779			173779			173780			173780			173781			173781			173782		
Sample Date	01/20/1994			02/18/1994			02/18/1994			03/08/1994			03/08/1994			03/24/1994			03/24/1994			04/07/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	3.3		ug/l	2.8		ug/l	2.9		ug/l	3.4		ug/l	3.4		ug/l	3		ug/l	2.8		ug/l	2.1		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	8		ug/l	14		ug/l	8		ug/l	16		ug/l	6		ug/l	12		ug/l	5		ug/l	9		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	530		ug/l	520		ug/l	520		ug/l	550		ug/l	540		ug/l	390		ug/l	400		ug/l	330		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC278		CC278		CC278		CC278		CC278		CC278		CC278		CC278	
Location Cross Ref.	CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173782		173783		173783		173784		173784		173785		173785		173786	
Sample Date	04/07/1994		04/19/1994		04/19/1994		05/04/1994		05/04/1994		05/19/1994		05/19/1994		06/07/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	2.4	ug/l	2.1	ug/l	1.5	ug/l	1.3	ug/l	1.3	ug/l	0.8	ug/l	0.7	ug/l	1.3	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	4	ug/l	50	ug/l	7	ug/l	10	ug/l	5	ug/l	6	ug/l	4	ug/l	6	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	330	ug/l	220	ug/l	200	ug/l	150	ug/l	150	ug/l	96	ug/l	100	ug/l	150	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC278		CC278		CC278		CC278		CC278		CC278		CC278		CC278	
Location Cross Ref.	CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173786		173787		173787		173788		173788		173789		173789		173790	
Sample Date	06/07/1994		06/23/1994		06/23/1994		07/25/1994		07/25/1994		08/16/1994		08/16/1994		09/13/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1.2	ug/l	1.4	ug/l	1.4	ug/l	2.2	ug/l	1.7	ug/l	3.1	ug/l	3	ug/l	2.4	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	4	ug/l	12	ug/l	6	ug/l	10	ug/l	11	ug/l	18	ug/l	11	ug/l	12	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	160	ug/l	200	ug/l	190	ug/l	300	ug/l	290	ug/l	480	ug/l	470	ug/l	370	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC278		CC278		CC278		CC278		CC278		CC278		CC278		CC278	
Location Cross Ref.	CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173790		173791		173791		173792		173792		173793		173793		173794	
Sample Date	09/13/1994		10/06/1994		10/06/1994		11/16/1994		11/16/1994		12/13/1994		12/13/1994		01/10/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	2.3	ug/l	2.7	ug/l	2.5	ug/l	2.9	ug/l	2.5	ug/l	2.8	ug/l	3	ug/l	3.5	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	7	ug/l	13	ug/l	7	ug/l	12	ug/l	6	ug/l	11	ug/l	7	ug/l	22	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	370	ug/l	410	ug/l	380	ug/l	420	ug/l	430	ug/l	500	ug/l	490	ug/l	590	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC278		CC278		CC278		CC278		CC278		CC278		CC278		CC278	
Location Cross Ref.	CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173794		173795		173795		173796		173796		173797		173797		173798	
Sample Date	01/10/1995		02/09/1995		02/09/1995		03/08/1995		03/08/1995		03/22/1995		03/22/1995		04/12/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	3.4	ug/l	3	ug/l	3	ug/l	1.7	ug/l	1.7	ug/l	2.4	ug/l	2.5	ug/l	2.1	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	4	ug/l	17	ug/l	7	ug/l	6	ug/l	3 J	ug/l	12	ug/l	6	ug/l	11	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	550	ug/l	590	ug/l	610	ug/l	270	ug/l	270	ug/l	420	ug/l	380	ug/l	320	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC278		CC278		CC278		CC278		CC278		CC278		CC278		CC278	
Location Cross Ref.	CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173798		173799		173799		173800		173800		173801		173801		173802	
Sample Date	04/12/1995		04/25/1995		04/25/1995		05/10/1995		05/10/1995		05/23/1995		05/23/1995		06/13/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	2.1	ug/l	1.7	ug/l	1.8	ug/l	0.8	ug/l	1	ug/l	1.2	ug/l	1.7	ug/l	1	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	5	ug/l	12	ug/l	6	ug/l	19	ug/l	8	ug/l	10	ug/l	6	ug/l	10	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	310	ug/l	290	ug/l	270	ug/l	130	ug/l	110	ug/l	100	ug/l	100	ug/l	95	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC278		CC278		CC278		CC278		CC278		CC278		CC278		CC278	
Location Cross Ref.	CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4		CC-70/CC-4	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173802		173803		173803		173804		173804		173805		173805		173806	
Sample Date	06/13/1995		06/27/1995		06/27/1995		07/11/1995		07/11/1995		07/25/1995		07/25/1995		08/14/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.9	ug/l	1	ug/l	0.6	ug/l	1.5	ug/l	1.6	ug/l	2.3	ug/l	2.2	ug/l	2.2	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	7	ug/l	10	ug/l	5	ug/l	12	ug/l	9	ug/l	20	ug/l	10	ug/l	15	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	90	ug/l	110	ug/l	110	ug/l	220	ug/l	230	ug/l	330	ug/l	320	ug/l	310	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC278			CC278			CC278			CC278			CC278			CC278			CC278			CC279		
Location Cross Ref.	CC-70/CC-4			CC-70/CC-4			CC-70/CC-4			CC-70/CC-4			CC-70/CC-4			CC-70/CC-4			CC-70/CC-4			CC-61		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173806			173807			173807			168480			168480			46564			46564			172036		
Sample Date	08/14/1995			09/13/1995			09/13/1995			11/10/1997			11/10/1997			05/14/1998			05/14/1998			05/17/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum										20	U	ug/l	34	U	ug/l	50	U	ug/l	58		ug/l			
Antimony										3.1		ug/l	3.4		ug/l	0.6		ug/l	0.6		ug/l			
Arsenic										0.31		ug/l	0.32		ug/l	2	U	ug/l	2	U	ug/l			
Barium										26		ug/l	27		ug/l	15		ug/l	13		ug/l			
Beryllium										1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l			
Cadmium	2		ug/l	2.7		ug/l	2.4		ug/l	2.4		ug/l	2.2		ug/l	0.4		ug/l	0.3		ug/l			
Calcium										6300		ug/l	6100		ug/l	2300		ug/l	2300		ug/l			
Chromium										5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l			
Cobalt										5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l			
Copper										0.66		ug/l	0.68	J	ug/l	2	U	ug/l	2	U	ug/l			
Cyanide																								
Iron										77		ug/l	160		ug/l	41		ug/l	80		ug/l			
Lead	8		ug/l	32		ug/l	7		ug/l	5.2		ug/l	7.4		ug/l	3.1		ug/l	6.6		ug/l			
Lithium																								
Magnesium										1700		ug/l	1700		ug/l	680		ug/l	660		ug/l			
Manganese										27		ug/l	28		ug/l	11		ug/l	13		ug/l			
Mercury										0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l			
Molybdenum																								
Nickel										0.35		ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l			
Potassium										700	U	ug/l	370	J	ug/l	2000	U	ug/l	2000	U	ug/l			
Selenium										1	U	ug/l	0.37		ug/l	2	U	ug/l	2	U	ug/l			
Silicon																								
Silver										0.03	U	ug/l	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l			
Sodium										1000		ug/l	1400		ug/l	730		ug/l	690		ug/l			
Strontium																								
Sulfur																								
Thallium										0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l			
Titanium																								
Uranium																								
Vanadium										3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l			
Zinc	310		ug/l	410		ug/l	360		ug/l	350		ug/l	350	J	ug/l	78		ug/l	78		ug/l	0.23		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC279			CC279			CC279			CC279			CC279			CC279			CC279			CC279		
Location Cross Ref.	CC-61			CC-61			CC-61			CC-61			CC-61			CC-61			CC-61			CC-61		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172036			172036			172036			172036			172142			172142			172142			172142		
Sample Date	05/17/1991			05/17/1991			05/17/1991			05/17/1991			10/05/1991			10/05/1991			10/05/1991			10/05/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7131			7421			D6010			D7421			6010			7131			7421			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0019		mg/l				0.0014		mg/l							0.0049		mg/l				0.0046		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.01		mg/l				0.003	U	mg/l							0.026		mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							0.21		mg/l				0.67		mg/l							0.52		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC279			CC279			CC279			CC279			CC279			CC279			CC279			CC279		
Location Cross Ref.	CC-61			CC-61			CC-61			CC-61			CC-61			CC-61			CC-61			CC-61		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172142			168481			168481			186288			186288			186307			186307			186326		
Sample Date	10/05/1991			11/10/1997			11/10/1997			01/22/1998			01/22/1998			02/26/1998			02/26/1998			03/20/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D7421			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				20	U	ug/l	40	U	ug/l															
Antimony				3.4		ug/l	5.3		ug/l															
Arsenic				0.33		ug/l	2.7		ug/l															
Barium				27		ug/l	28		ug/l															
Beryllium				1	U	ug/l	0.35	U	ug/l															
Cadmium				3.1		ug/l	0.069	U	ug/l	0.0039		mg/l	0.004		mg/l	0.004		mg/l	0.0041		mg/l	0.0044		mg/l
Calcium				6800		ug/l	6400		ug/l															
Chromium				5	U	ug/l	6	U	ug/l															
Cobalt				5	U	ug/l	5	U	ug/l															
Copper				0.75		ug/l	12		ug/l															
Cyanide																								
Iron				45		ug/l	120		ug/l															
Lead	0.009		mg/l	9.5		ug/l	2		ug/l	0.02		mg/l	0.013		mg/l	0.024		mg/l	0.014		mg/l	0.018		mg/l
Lithium																								
Magnesium				1800		ug/l	1800		ug/l															
Manganese				23		ug/l	24		ug/l															
Mercury				0.2	U	ug/l	0.1	U	ug/l															
Molybdenum																								
Nickel				0.37		ug/l	5	U	ug/l															
Potassium				700	U	ug/l	400	J	ug/l															
Selenium				1	U	ug/l	0.21	U	ug/l															
Silicon																								
Silver				0.03	U	ug/l	0.22	U	ug/l															
Sodium				1100		ug/l	1100		ug/l															
Strontium																								
Sulfur																								
Thallium				0.5	U	ug/l	0.017	U	ug/l															
Titanium																								
Uranium																								
Vanadium				3	U	ug/l	2	U	ug/l															
Zinc				480		ug/l	490		ug/l	0.57		mg/l	0.56		mg/l	0.63		mg/l	0.63		mg/l	0.7		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC279			CC279			CC279			CC279			CC279			CC279			CC279			CC279		
Location Cross Ref.	CC-61			CC-61			CC-61			CC-61			CC-61			CC-61			CC-61			CC-61		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186326			186345			186345			202222			202222			46565			46565			202237		
Sample Date	03/20/1998			04/23/1998			04/23/1998			05/07/1998			05/07/1998			05/14/1998			05/14/1998			05/28/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																50	U	ug/l	50	U	ug/l			
Antimony																0.9		ug/l	0.8		ug/l			
Arsenic																2	U	ug/l	2	U	ug/l			
Barium																14		ug/l	14		ug/l			
Beryllium																0.2	U	ug/l	0.2	U	ug/l			
Cadmium	0.004		mg/l	0.0031		mg/l	0.0021		mg/l	1		ug/l	1		ug/l	2.3		ug/l	0.9		ug/l	2.1		ug/l
Calcium																2300		ug/l	2400		ug/l			
Chromium																5	U	ug/l	5	U	ug/l			
Cobalt																10	U	ug/l	10	U	ug/l			
Copper																2	U	ug/l	2	U	ug/l			
Cyanide																								
Iron																30		ug/l	90		ug/l			
Lead	0.012		mg/l	0.096		mg/l	0.011		mg/l	27		ug/l	10		ug/l	6.3		ug/l	12		ug/l	21		ug/l
Lithium																								
Magnesium																650		ug/l	680		ug/l			
Manganese																10		ug/l	14		ug/l			
Mercury																0.2	U	ug/l	0.2	U	ug/l			
Molybdenum																								
Nickel																20	U	ug/l	20	U	ug/l			
Potassium																2000	U	ug/l	2000	U	ug/l			
Selenium																2	U	ug/l	2	U	ug/l			
Silicon																								
Silver																0.2	U	ug/l	0.2	U	ug/l			
Sodium																700		ug/l	690		ug/l			
Strontium																								
Sulfur																								
Thallium																0.2	U	ug/l	0.2	U	ug/l			
Titanium																								
Uranium																								
Vanadium																10	U	ug/l	10	U	ug/l			
Zinc	0.7		mg/l	0.45		mg/l	0.39		mg/l	140		ug/l	150		ug/l	130		ug/l	140		ug/l	350		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC279		CC279		CC279		CC279		CC279		CC279		CC279		CC279	
Location Cross Ref.	CC-61		CC-61		CC-61		CC-61		CC-61		CC-61		CC-61		CC-61	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	202237		202266		202266		202288		202288		202308		202308		202368	
Sample Date	05/28/1998		06/26/1998		06/26/1998		07/28/1998		07/28/1998		08/26/1998		08/26/1998		09/24/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	2.2	ug/l	2.3	ug/l	2.3	ug/l	4	ug/l	3.8	ug/l	4.1	ug/l	4.1	ug/l	4	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	12	ug/l	8	ug/l	8	ug/l	25	ug/l	20	ug/l	25	ug/l	17	ug/l	44	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	360	ug/l	330	ug/l	330	ug/l	480	ug/l	480	ug/l	530	ug/l	530	ug/l	570	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC279			CC279			CC279			CC279			CC279			CC279			CC279			CC279		
Location Cross Ref.	CC-61			CC-61			CC-61			CC-61			CC-61			CC-61			CC-61			CC-61		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(11) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202368			202390			202390			202398			202398			202418			202418			48862		
Sample Date	09/24/1998			10/01/1998			10/01/1998			10/08/1998			10/08/1998			10/26/1998			10/26/1998			11/12/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																						50	U	ug/l
Antimony																						7.3		ug/l
Arsenic																						1	U	ug/l
Barium																						46		ug/l
Beryllium																						1	U	ug/l
Cadmium	3.7		ug/l	4.1		ug/l	3.9		ug/l	4.4		ug/l	4.5		ug/l	4.7		ug/l	4.3		ug/l	4.8		ug/l
Calcium																						12000		ug/l
Chromium																						5	U	ug/l
Cobalt																						5	U	ug/l
Copper																						5	U	ug/l
Cyanide																								
Iron																						50	U	ug/l
Lead	16		ug/l	38		ug/l	16		ug/l	25		ug/l	16		ug/l	26		ug/l	13		ug/l	5.5	J	ug/l
Lithium																								
Magnesium																						3500		ug/l
Manganese																						33		ug/l
Mercury																						0.2	U	ug/l
Molybdenum																								
Nickel																						5	U	ug/l
Potassium																						540	J	ug/l
Selenium																						1	U	ug/l
Silicon																								
Silver																						5	U	ug/l
Sodium																						1600		ug/l
Strontium																								
Sulfur																								
Thallium																						1	UJ	ug/l
Titanium																								
Uranium																								
Vanadium																						5	U	ug/l
Zinc	520		ug/l	530		ug/l	510		ug/l	610		ug/l	600		ug/l	650		ug/l	630		ug/l	760		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC279			CC279			CC279			CC279			CC279			CC279			CC279			CC279		
Location Cross Ref.	CC-61			CC-61			CC-61			CC-61			CC-61			CC-61			CC-61			CC-61		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(11) URS/SWRI			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	48862			202437			202437			49077			49077			49078			49078			202473		
Sample Date	11/12/1998			11/25/1998			11/25/1998			12/05/1998			12/05/1998			12/05/1998			12/05/1998			01/15/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample		
Analytical Method	IN-CLP-LOW			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l							50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l			
Antimony	7.2		ug/l							5.7		ug/l	5.9		ug/l	5.6		ug/l	5.7		ug/l			
Arsenic	1	U	ug/l							1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l			
Barium	47		ug/l							43		ug/l	43		ug/l	41		ug/l	43		ug/l			
Beryllium	1	U	ug/l							1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l			
Cadmium	5.1		ug/l	8.8		ug/l	8.1		ug/l	8.7		ug/l	8.6		ug/l	8.5		ug/l	8.8		ug/l	8.8		ug/l
Calcium	13000		ug/l							11000		ug/l	11000		ug/l	11000		ug/l	11000		ug/l			
Chromium	5	U	ug/l							5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l			
Cobalt	5	U	ug/l							5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l			
Copper	5	U	ug/l							5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l			
Cyanide																								
Iron	250		ug/l							66	J	ug/l	200		ug/l	59	J	ug/l	210		ug/l			
Lead	22		ug/l	40		ug/l	17		ug/l	14		ug/l	26		ug/l	14		ug/l	26		ug/l	24		ug/l
Lithium																								
Magnesium	3500		ug/l							3000		ug/l	3200		ug/l	3000		ug/l	3100		ug/l			
Manganese	34		ug/l							32		ug/l	33		ug/l	37		ug/l	33		ug/l			
Mercury	0.2	U	ug/l							0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l			
Molybdenum																								
Nickel	5	U	ug/l							5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l			
Potassium	490	J	ug/l							500	J	ug/l	500	J	ug/l	490	J	ug/l	490	J	ug/l			
Selenium	1	U	ug/l							1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l			
Silicon																								
Silver	5	U	ug/l							5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l			
Sodium	1500		ug/l							1600		ug/l	1900		ug/l	1600		ug/l	1600		ug/l			
Strontium																								
Sulfur																								
Thallium	1	U	ug/l							1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l			
Titanium																								
Uranium																								
Vanadium	5	U	ug/l							5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l			
Zinc	780		ug/l	1200		ug/l	1200		ug/l	1400		ug/l	1400		ug/l	1400		ug/l	1500		ug/l	910		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC279			CC279			CC279			CC279			CC279			CC279			CC279			CC280		
Location Cross Ref.	CC-61			CC-61			CC-61			CC-61			CC-61			CC-61			CC-61			CC-60/CC280/CC-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(23) URS/SWRI			(23) URS/SWRI			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202473			202493			202493			202513			202513			61387			61387			172038		
Sample Date	01/15/1999			02/23/1999			02/23/1999			03/08/1999			03/08/1999			12/04/1999			12/04/1999			05/17/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																50	U	ug/l	50	U	ug/l			
Antimony																3.2	J	ug/l	3.3	J	ug/l			
Arsenic																1	U	ug/l	1	U	ug/l			
Barium																27		ug/l	28		ug/l			
Beryllium																1	U	ug/l	1	U	ug/l			
Cadmium	6.2		ug/l	4.6		ug/l	4.4		ug/l	4.5		ug/l	4.8		ug/l	3.2		ug/l	3.4		ug/l			
Calcium																6700		ug/l	6500		ug/l			
Chromium																5	U	ug/l	5	U	ug/l			
Cobalt																5	U	ug/l	5	U	ug/l			
Copper																5	U	ug/l	5	U	ug/l			
Cyanide																								
Iron																36	J	ug/l	100		ug/l			
Lead	13		ug/l	21		ug/l	9		ug/l	18		ug/l	11		ug/l	5.7		ug/l	12		ug/l			
Lithium																								
Magnesium																1800		ug/l	1800		ug/l			
Manganese																19		ug/l	19		ug/l			
Mercury																0.2	U	ug/l	0.2	U	ug/l			
Molybdenum																								
Nickel																5	U	ug/l	5	U	ug/l			
Potassium																390	J	ug/l	300	J	ug/l			
Selenium																2	U	ug/l	2	U	ug/l			
Silicon																								
Silver																5	U	ug/l	5	U	ug/l			
Sodium																1100		ug/l	1100		ug/l			
Strontium																								
Sulfur																								
Thallium																0.5	U	ug/l	0.5	U	ug/l			
Titanium																								
Uranium																								
Vanadium																5	U	ug/l	5	U	ug/l			
Zinc	920		ug/l	660		ug/l	640		ug/l	740		ug/l	760		ug/l	530		ug/l	510		ug/l	0.33		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC280			CC280			CC280			CC280			CC280			CC280			CC280			CC280		
Location Cross Ref.	CC-60/CC280/CC-3			CC-60/CC280/CC-3			CC-60/CC280/CC-3			CC-60/CC280/CC-3			CC-60/CC280/CC-3			CC-60/CC280/CC-3			CC-60/CC280/CC-3			CC-60/CC280/CC-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172038			172038			172038			172038			172144			172144			172144			172144		
Sample Date	05/17/1991			05/17/1991			05/17/1991			05/17/1991			10/05/1991			10/05/1991			10/05/1991			10/05/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7131			7421			D6010			D7421			6010			7131			7421			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0026		mg/l				0.0017		mg/l							0.0049		mg/l				0.0048		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.015		mg/l				0.003		mg/l							0.068		mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							0.32		mg/l				0.72		mg/l							0.56		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC280		CC280		CC280		CC280		CC280		CC280		CC280		CC281	
Location Cross Ref.	CC-60/CC280/CC-3		CC-60/CC280/CC-3		CC-60/CC280/CC-3		CC-60/CC280/CC-3		CC-60/CC280/CC-3		CC-60/CC280/CC-3		CC-60/CC280/CC-3		CC-50	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(5) MFG/OTHER		(2) URS/MEL		(2) URS/LAUCKS		(2) URS/LAUCKS		(2) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(4) MFG/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172144		168482		168482		168587		168587		49008		49008		172039	
Sample Date	10/05/1991		11/10/1997		11/10/1997		01/14/1998		01/14/1998		11/12/1998		11/12/1998		05/17/1991	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D7421		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum			20 U	ug/l	41 U	ug/l	160	ug/l	150 J	ug/l	68 U	ug/l	68 U	ug/l		
Antimony			3.3	ug/l	3.5 J	ug/l	4.2 J	ug/l	4.6 J	ug/l	6.2	ug/l	6.2	ug/l		
Arsenic			0.28	ug/l	0.77 U	ug/l	0.31 J	ug/l	0.55 J	ug/l	0.32 J	ug/l	0.62 J	ug/l		
Barium			27	ug/l	29	ug/l	35	ug/l	34	ug/l	42	ug/l	41	ug/l		
Beryllium			1 U	ug/l	0.35 U	ug/l	0.26 U	ug/l	0.26 U	ug/l	0.28 U	ug/l	0.28 U	ug/l		
Cadmium			3.2	ug/l	3.2	ug/l	3.3	ug/l	3.9	ug/l	4.3 J	ug/l	4.8	ug/l		
Calcium			8200	ug/l	8000	ug/l	11000	ug/l	11000	ug/l	13000	ug/l	13000	ug/l		
Chromium			5 U	ug/l	6 U	ug/l	4.5 U	ug/l	5	ug/l	0.058 U	ug/l	0.058 U	ug/l		
Cobalt			5 U	ug/l	5 U	ug/l	3.9 U	ug/l	3.9 U	ug/l	0.037 U	ug/l	0.037 U	ug/l		
Copper			0.58	ug/l	0.91 J	ug/l	0.34 J	ug/l	0.67 J	ug/l	0.5 U	ug/l	0.087 U	ug/l		
Cyanide																
Iron			55	ug/l	140	ug/l	54	ug/l	180	ug/l	9.5 U	ug/l	210	ug/l		
Lead	0.009	mg/l	8.4	ug/l	12	ug/l	7.5	ug/l	16	ug/l	4.3	ug/l	21	ug/l		
Lithium																
Magnesium			2100	ug/l	2100	ug/l	2900	ug/l	2800	ug/l	3500	ug/l	3400	ug/l		
Manganese			32	ug/l	35	ug/l	38	ug/l	38	ug/l	45	ug/l	46	ug/l		
Mercury			0.2 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.2	ug/l	0.2 U	ug/l	0.2 U	ug/l		
Molybdenum																
Nickel			0.37	ug/l	5 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	5.7 U	ug/l	5.7 U	ug/l		
Potassium			700 U	ug/l	450 J	ug/l	390 J	ug/l	390 J	ug/l	490 J	ug/l	430 J	ug/l		
Selenium			1 U	ug/l	0.29 U	ug/l	0.48 U	ug/l	0.48 U	ug/l	0.36 U	ug/l	0.36 U	ug/l		
Silicon																
Silver			0.03 U	ug/l	0.22 U	ug/l	0.11 U	ug/l	0.11 U	ug/l	4.5 U	ug/l	4.5 U	ug/l		
Sodium			1100	ug/l	1200	ug/l	1900 J	ug/l	1800 J	ug/l	1500 J	ug/l	1400	ug/l		
Strontium																
Sulfur																
Thallium			0.5 U	ug/l	0.017 U	ug/l	0.59 U	ug/l	0.13 U	ug/l	0.72 J	ug/l	0.03 U	ug/l		
Titanium																
Uranium																
Vanadium			3 U	ug/l	4.5 U	ug/l	2.9 U	ug/l	2.9 U	ug/l	3.2 U	ug/l	3.2 U	ug/l		
Zinc			500	ug/l	540	ug/l	670	ug/l	660	ug/l	710	ug/l	760	ug/l	0.31	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC281	CC281	CC281	CC281	CC281	CC281	CC281	CC281
Location Cross Ref.	CC-50	CC-50	CC-50	CC-50	CC-50	CC-50	CC-50	CC-50
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172039	172039	172039	172039	172145	172145	172145	172145
Sample Date	05/17/1991	05/17/1991	05/17/1991	05/17/1991	10/05/1991	10/05/1991	10/05/1991	10/05/1991
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	7131	7421	D6010	D7421	6010	7131	7421	D6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium	0.0024 mg/l		0.0015 mg/l			0.0042 mg/l		0.006 mg/l
Calcium								
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead		0.026 mg/l		0.004 mg/l			0.017 mg/l	
Lithium								
Magnesium								
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc			0.27 mg/l		0.85 mg/l			0.63 mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC281		CC281		CC281		CC281		CC281		CC281		CC281		CC281	
Location Cross Ref.	CC-50		CC-50		CC-50		CC-50		CC-50		CC-50		CC-50		CC-50	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(5) MFG/OTHER		(2) URS/MEL		(2) URS/LAUCKS		(2) URS/MEL		(2) URS/LAUCKS		(2) URS/LAUCKS		(2) URS/LAUCKS		(3) URS/COLUMBWA	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172145		168483		168483		168522		168522		168588		168588		46562	
Sample Date	10/05/1991		11/10/1997		11/10/1997		11/10/1997		11/10/1997		01/14/1998		01/14/1998		05/14/1998	
Sample Type	Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D7421		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum			20 U	ug/l	34 U	ug/l	20 U	ug/l	26 U	ug/l	220	ug/l	200 J	ug/l	50 U	ug/l
Antimony			3.7	ug/l	4.1 J	ug/l	3.9	ug/l	1.1 U	ug/l	4.7 J	ug/l	5.2	ug/l	0.9	ug/l
Arsenic			0.28	ug/l	0.45 U	ug/l	0.27	ug/l	0.42 U	ug/l	0.14 J	ug/l	0.45 J	ug/l	2 U	ug/l
Barium			27	ug/l	28	ug/l	27	ug/l	27	ug/l	35	ug/l	34	ug/l	14	ug/l
Beryllium			1 U	ug/l	0.35 U	ug/l	1 U	ug/l	0.35 U	ug/l	0.26 U	ug/l	0.26 U	ug/l	0.2 U	ug/l
Cadmium			4.6	ug/l	4.3	ug/l	4.8	ug/l	0.11 U	ug/l	4.9	ug/l	5.4	ug/l	1.3	ug/l
Calcium			8200	ug/l	7800	ug/l	8200	ug/l	7500	ug/l	12000	ug/l	11000	ug/l	3100	ug/l
Chromium			5 U	ug/l	6 U	ug/l	5 U	ug/l	6 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l
Cobalt			5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	3.9 U	ug/l	4	ug/l	10 U	ug/l
Copper			0.66	ug/l	1 J	ug/l	0.77	ug/l	1.3 J	ug/l	0.42 J	ug/l	0.8 J	ug/l	2 U	ug/l
Cyanide																
Iron			38	ug/l	110	ug/l	25	ug/l	110	ug/l	37	ug/l	130	ug/l	36	ug/l
Lead	0.006	mg/l	17	ug/l	30	ug/l	17	ug/l	1.6	ug/l	15	ug/l	32	ug/l	9.4	ug/l
Lithium																
Magnesium			2100	ug/l	2100	ug/l	2100	ug/l	2000	ug/l	2900	ug/l	2800	ug/l	810	ug/l
Manganese			27	ug/l	29	ug/l	27	ug/l	27	ug/l	33	ug/l	32	ug/l	14	ug/l
Mercury			0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel			0.41	ug/l	5 U	ug/l	0.53	ug/l	5 U	ug/l	4.5	ug/l	4.3 U	ug/l	20 U	ug/l
Potassium			790	ug/l	350 J	ug/l	1100	ug/l	350 J	ug/l	570 J	ug/l	460 J	ug/l	2000 U	ug/l
Selenium			1 U	ug/l	0.21 U	ug/l	1 U	ug/l	0.21 U	ug/l	0.48 U	ug/l	0.48 U	ug/l	2 U	ug/l
Silicon																
Silver			0.03 U	ug/l	0.22 U	ug/l	0.03 U	ug/l	0.22 U	ug/l	0.11 U	ug/l	0.11 U	ug/l	0.2 U	ug/l
Sodium			1100	ug/l	1200	ug/l	1100	ug/l	1100	ug/l	1800 J	ug/l	1800 J	ug/l	730	ug/l
Strontium																
Sulfur																
Thallium			0.5 U	ug/l	0.017 U	ug/l	0.5 U	ug/l	0.27 J	ug/l	0.005 U	ug/l	0.12 U	ug/l	0.2 U	ug/l
Titanium																
Uranium																
Vanadium			3 U	ug/l	3.6 U	ug/l	3 U	ug/l	2 U	ug/l	2.9 U	ug/l	2.9 U	ug/l	10 U	ug/l
Zinc			660	ug/l	670	ug/l	660	ug/l	640	ug/l	880	ug/l	860	ug/l	220	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC281			CC282			CC282			CC282			CC282			CC282			CC282			CC282		
Location Cross Ref.	CC-50			CC282			CC282			CC282			CC282			CC282			CC282			CC282		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46562			174223			174223			174226			174226			174229			174229			174232		
Sample Date	05/14/1998			10/18/1995			10/18/1995			11/21/1995			11/21/1995			12/27/1995			12/27/1995			01/17/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l																					
Antimony	0.9		ug/l																					
Arsenic	2	U	ug/l																					
Barium	14		ug/l																					
Beryllium	0.2	U	ug/l																					
Cadmium	1.4		ug/l	8		ug/l	7		ug/l	4.2		ug/l	4.2		ug/l	6.4		ug/l	6.4		ug/l	12		ug/l
Calcium	2800		ug/l																					
Chromium	5	U	ug/l																					
Cobalt	10	U	ug/l																					
Copper	2	U	ug/l																					
Cyanide																								
Iron	73		ug/l																					
Lead	17		ug/l	66		ug/l	15		ug/l	18		ug/l	12		ug/l	27		ug/l	19		ug/l	53		ug/l
Lithium																								
Magnesium	760		ug/l																					
Manganese	15		ug/l																					
Mercury	0.2	U	ug/l																					
Molybdenum																								
Nickel	20	U	ug/l																					
Potassium	2000	U	ug/l																					
Selenium	2	U	ug/l																					
Silicon																								
Silver	0.2	U	ug/l																					
Sodium	700		ug/l																					
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l																					
Titanium																								
Uranium																								
Vanadium	10	U	ug/l																					
Zinc	210		ug/l	1200		ug/l	1100		ug/l	710		ug/l	690		ug/l	1100		ug/l	1100		ug/l	1900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC282		CC282		CC282		CC282		CC282		CC282		CC282		CC282	
Location Cross Ref.	CC282		CC282		CC282		CC282		CC282		CC282		CC282		CC282	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	174232		174247		174247		174248		174248		174249		174249		174250	
Sample Date	01/17/1996		02/29/1996		02/29/1996		03/28/1996		03/28/1996		04/17/1996		04/17/1996		05/08/1996	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	11	ug/l	5.4	ug/l	5.3	ug/l	5.3	ug/l	5.3	ug/l	3.4	ug/l	3.4	ug/l	4.4	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	25	ug/l	30	ug/l	19	ug/l	39	ug/l	21	ug/l	31	ug/l	21	ug/l	45	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1900	ug/l	1100	ug/l	1100	ug/l	1100	ug/l	1100	ug/l	600	ug/l	610	ug/l	810	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC282		CC282		CC282		CC282		CC282		CC282		CC282		CC282	
Location Cross Ref.	CC282		CC282		CC282		CC282		CC282		CC282		CC282		CC282	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	174250		174251		174251		174252		174252		174254		174254		174256	
Sample Date	05/08/1996		06/19/1996		06/19/1996		07/24/1996		07/24/1996		08/21/1996		08/21/1996		09/26/1996	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	4.6	ug/l	2.3	ug/l	2.3	ug/l	4.8	ug/l	4.8	ug/l	5.9	ug/l	5.7	ug/l	4.4	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	22	ug/l	28	ug/l	15	ug/l	36	ug/l	20	ug/l	51	ug/l	12	ug/l	36	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	830	ug/l	400	ug/l	400	ug/l	760	ug/l	740	ug/l	980	ug/l	880	ug/l	800	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC282		CC282		CC282		CC282		CC282		CC282		CC282		CC282	
Location Cross Ref.	CC282		CC282		CC282		CC282		CC282		CC282		CC282		CC282	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(2) URS/MEL		(2) URS/LAUCKS		(2) URS/LAUCKS		(2) URS/LAUCKS		(2) URS/LAUCKS		(2) URS/LAUCKS		(7) IDEQ/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	174256		168484		168484		168589		168589		168596		168596		202198	
Sample Date	09/26/1996		11/09/1997		11/09/1997		01/13/1998		01/13/1998		01/13/1998		01/13/1998		04/23/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum			20 U	ug/l	32 U	ug/l	130	ug/l	280 J	ug/l	180	ug/l	370 J	ug/l		
Antimony			4.1	ug/l	4.5 J	ug/l	4.7 J	ug/l	10	ug/l	4.9 J	ug/l	9.5	ug/l		
Arsenic			0.29	ug/l	0.47 U	ug/l	0.12 U	ug/l	1.4 J	ug/l	0.25 J	ug/l	1.3 J	ug/l		
Barium			28	ug/l	27	ug/l	30	ug/l	33	ug/l	31	ug/l	33	ug/l		
Beryllium			1 U	ug/l	0.35 U	ug/l	0.26 U	ug/l	0.26 U	ug/l	0.26 U	ug/l	0.26 U	ug/l		
Cadmium	4.7	ug/l	8	ug/l	7.1	ug/l	9.6	ug/l	10	ug/l	9.6	ug/l	10	ug/l	8.4	ug/l
Calcium			8700	ug/l	7900	ug/l	11000	ug/l	11000	ug/l	11000	ug/l	11000	ug/l		
Chromium			5 U	ug/l	6 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.6	ug/l	4.5 U	ug/l		
Cobalt			5 U	ug/l	5 U	ug/l	3.9 U	ug/l	3.9 U	ug/l	3.9 U	ug/l	3.9 U	ug/l		
Copper			0.95	ug/l	1.5 J	ug/l	0.78 J	ug/l	6.6	ug/l	0.72 J	ug/l	6.3	ug/l		
Cyanide																
Iron			57	ug/l	140	ug/l	51	ug/l	600	ug/l	55	ug/l	630	ug/l		
Lead	18	ug/l	36	ug/l	58	ug/l	43	ug/l	410	ug/l	44	ug/l	370	ug/l	1700	ug/l
Lithium																
Magnesium			2200	ug/l	2000	ug/l	2600	ug/l	2700	ug/l	2700	ug/l	2700	ug/l		
Manganese			70	ug/l	69	ug/l	87	ug/l	140	ug/l	88	ug/l	140	ug/l		
Mercury			0.2 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.15 J	ug/l	0.1 U	ug/l	0.11 J	ug/l		
Molybdenum																
Nickel			0.71	ug/l	5 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l		
Potassium			700 U	ug/l	440 J	ug/l	470 J	ug/l	540 J	ug/l	520 J	ug/l	480 J	ug/l		
Selenium			1 U	ug/l	0.21 U	ug/l	0.48 U	ug/l	0.48 U	ug/l	0.48 U	ug/l	0.48 U	ug/l		
Silicon																
Silver			0.03 U	ug/l	0.22 U	ug/l	0.11 U	ug/l	0.66	ug/l	0.6	ug/l	0.71	ug/l		
Sodium			1200	ug/l	1200	ug/l	1800 J	ug/l	1900 J	ug/l	1800 J	ug/l	2000 J	ug/l		
Strontium																
Sulfur																
Thallium			0.5 U	ug/l	0.017 U	ug/l	1.2 U	ug/l	0.17 U	ug/l	1.6 J	ug/l	0.12 U	ug/l		
Titanium																
Uranium																
Vanadium			3 U	ug/l	2 U	ug/l	2.9 U	ug/l	2.9 U	ug/l	2.9 U	ug/l	2.9 U	ug/l		
Zinc	780	ug/l	1100	ug/l	1100	ug/l	1400	ug/l	1500	ug/l	1400	ug/l	1500	ug/l	1000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC282			CC282			CC282			CC282			CC282			CC282			CC282			CC282		
Location Cross Ref.	CC282			CC282			CC282			CC282			CC282			CC282			CC282			CC282		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202198			202221			202221			46561			46561			202236			202236			202265		
Sample Date	04/23/1998			05/07/1998			05/07/1998			05/14/1998			05/14/1998			05/28/1998			05/28/1998			06/26/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum										50	U	ug/l	50		ug/l									
Antimony										1.1		ug/l	1.2		ug/l									
Arsenic										2	U	ug/l	2	U	ug/l									
Barium										14		ug/l	15		ug/l									
Beryllium										0.2	U	ug/l	0.2	U	ug/l									
Cadmium	4.6		ug/l	1.8		ug/l	1.6		ug/l	2.1		ug/l	2.1		ug/l	3.6		ug/l	3.6		ug/l	4.2		ug/l
Calcium										3200		ug/l	3200		ug/l									
Chromium										5	U	ug/l	5	U	ug/l									
Cobalt										10	U	ug/l	10	U	ug/l									
Copper										2	U	ug/l	2	U	ug/l									
Cyanide																								
Iron										45		ug/l	98		ug/l									
Lead	110		ug/l	98		ug/l	23		ug/l	17		ug/l	33		ug/l	50		ug/l	19		ug/l	40		ug/l
Lithium																								
Magnesium										830		ug/l	810		ug/l									
Manganese										29		ug/l	30		ug/l									
Mercury										0.2	U	ug/l	0.2	U	ug/l									
Molybdenum																								
Nickel										20	U	ug/l	20	U	ug/l									
Potassium										2000	U	ug/l	2000	U	ug/l									
Selenium										2	U	ug/l	2	U	ug/l									
Silicon																								
Silver										0.2	U	ug/l	0.2	U	ug/l									
Sodium										750		ug/l	760		ug/l									
Strontium																								
Sulfur																								
Thallium										0.2	U	ug/l	0.2	U	ug/l									
Titanium																								
Uranium																								
Vanadium										10	U	ug/l	10	U	ug/l									
Zinc	680		ug/l	280		ug/l	280		ug/l	320		ug/l	310		ug/l	550		ug/l	560		ug/l	610		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC282			CC282			CC282			CC282			CC282			CC282			CC282			CC282		
Location Cross Ref.	CC282			CC282			CC282			CC282			CC282			CC282			CC282			CC282		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202265			202287			202287			202307			202307			202369			202369			202419		
Sample Date	06/26/1998			07/28/1998			07/28/1998			08/26/1998			08/26/1998			09/24/1998			09/24/1998			10/26/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	4.3		ug/l	6.7		ug/l	6.8		ug/l	6.7		ug/l	6.7		ug/l	8.6		ug/l	8.4		ug/l	8.3		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	22		ug/l	48		ug/l	40		ug/l	41		ug/l	27		ug/l	160		ug/l	52		ug/l	47		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	620		ug/l	890		ug/l	890		ug/l	970		ug/l	980		ug/l	1100		ug/l	1100		ug/l	1200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC282		CC282		CC282		CC282		CC282		CC282		CC282		CC282	
Location Cross Ref.	CC282		CC282		CC282		CC282		CC282		CC282		CC282		CC282	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/OTHER		(11) URS/LAUCKS		(11) URS/LAUCKS		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(11) URS/LAUCKS		(11) URS/LAUCKS		(7) IDEQ/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	202419		49017		49017		202438		202438		49081		49081		202474	
Sample Date	10/26/1998		11/13/1998		11/13/1998		11/25/1998		11/25/1998		12/07/1998		12/07/1998		01/15/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		DIN-CLP-LOW		IN-CLP-LOW		6010		D6010		DIN-CLP-LOW		IN-CLP-LOW		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum			68 U	ug/l	110	ug/l					68 U	ug/l	68 U	ug/l		
Antimony			6	ug/l	9.3	ug/l					5.2	ug/l	5.2	ug/l		
Arsenic			0.2 U	ug/l	1.7 J	ug/l					0.44 U	ug/l	0.69 U	ug/l		
Barium			37	ug/l	40	ug/l					40	ug/l	39	ug/l		
Beryllium			0.28 U	ug/l	0.28 U	ug/l					0.28 U	ug/l	0.28 U	ug/l		
Cadmium	7.9	ug/l	9.8 J	ug/l	12	ug/l	15	ug/l	16	ug/l	16	ug/l	15	ug/l	13	ug/l
Calcium			12000	ug/l	12000	ug/l					13000	ug/l	13000	ug/l		
Chromium			0.058 U	ug/l	0.33 J	ug/l					0.058 U	ug/l	0.13 J	ug/l		
Cobalt			0.24 U	ug/l	0.56 J	ug/l					0.3 J	ug/l	0.35 J	ug/l		
Copper			0.41 U	ug/l	5	ug/l					0.66 J	ug/l	1 J	ug/l		
Cyanide																
Iron			19 U	ug/l	1000	ug/l					120	ug/l	180	ug/l		
Lead	26	ug/l	13	ug/l	350	ug/l	63	ug/l	26	ug/l	19	ug/l	35	ug/l	42	ug/l
Lithium																
Magnesium			2900	ug/l	2900	ug/l					3300	ug/l	3200	ug/l		
Manganese			89	ug/l	140	ug/l					120	ug/l	120	ug/l		
Mercury			0.2 U	ug/l	0.2 U	ug/l					0.2 UJ	ug/l	0.2 UJ	ug/l		
Molybdenum																
Nickel			5.7 U	ug/l	5.7 U	ug/l					5.7 U	ug/l	5.7 U	ug/l		
Potassium			610 J	ug/l	490 J	ug/l					520 J	ug/l	570 U	ug/l		
Selenium			0.36 U	ug/l	0.36 U	ug/l					0.4 J	ug/l	0.36 U	ug/l		
Silicon																
Silver			4.5 U	ug/l	4.5 U	ug/l					4.5 U	ug/l	4.5 U	ug/l		
Sodium			1500 J	ug/l	1500	ug/l					1700	ug/l	1700 J	ug/l		
Strontium																
Sulfur																
Thallium			0.03 U	ug/l	0.03 U	ug/l					0.03 U	ug/l	0.03 U	ug/l		
Titanium																
Uranium																
Vanadium			3.2 U	ug/l	3.2 U	ug/l					3.2 U	ug/l	3.2 U	ug/l		
Zinc	1200	ug/l	1400	ug/l	1700	ug/l	2300	ug/l	2400	ug/l	2500	ug/l	2400	ug/l	1700	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC282		CC282		CC282		CC282		CC282		CC282		CC282		CC282		CC282	
Location Cross Ref.	CC282		CC282		CC282		CC282		CC282		CC282		CC282		CC282		CC282	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER			
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water			
Depth Range in Ft.	-		-		-		-		-		-		-		-			
Sample Number	202474		202494		202494		202514		202514		186864		186864		186864			
Sample Date	01/15/1999		02/23/1999		02/23/1999		03/08/1999		03/08/1999		05/24/1999		05/24/1999		05/24/1999			
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample			
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010			
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	12		ug/l	10		ug/l	10		ug/l	13		ug/l	11		ug/l	4		ug/l	2.6		ug/l			
Calcium																						2.7		mg/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																						1.2		mg/l
Lead	22		ug/l	31		ug/l	17		ug/l	40		ug/l	19		ug/l	480		ug/l	14		ug/l			
Lithium																								
Magnesium																						0.68		mg/l
Manganese																						39		mg/l
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																						0.73		mg/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1700		ug/l	1500		ug/l	1400		ug/l	1800		ug/l	1700		ug/l	480		ug/l	340		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC282			CC282			CC282			CC291			CC291			CC291			CC291			CC291		
Location Cross Ref.	CC282			CC282			CC282																	
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(23) URS/SWRI			(23) URS/SWRI			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186864			61402			61402			173893			173893			173894			173894			173895		
Sample Date	05/24/1999			12/03/1999			12/03/1999			10/27/1993			10/27/1993			11/30/1993			11/30/1993			12/17/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				50	U	ug/l	50	U	ug/l															
Antimony				3.9	J	ug/l	3.7	J	ug/l															
Arsenic				1	U	ug/l	1	U	ug/l															
Barium				27		ug/l	27		ug/l															
Beryllium				1	U	ug/l	1	U	ug/l															
Cadmium				7.2		ug/l	6.7		ug/l	4.8		ug/l	5.1		ug/l	5.2		ug/l	5.2		ug/l	5.8		ug/l
Calcium				8300		ug/l	8200		ug/l															
Chromium				5	U	ug/l	5	U	ug/l															
Cobalt				5	U	ug/l	5	U	ug/l															
Copper				5	U	ug/l	5	U	ug/l															
Cyanide																								
Iron	19		ug/l	34	J	ug/l	110		ug/l															
Lead				11	J	ug/l	22		ug/l	33		ug/l	12		ug/l	21		ug/l	14		ug/l	23		ug/l
Lithium																								
Magnesium				2000		ug/l	2000		ug/l															
Manganese	140		ug/l	63		ug/l	63		ug/l															
Mercury				0.2	U	ug/l	0.2	U	ug/l															
Molybdenum																								
Nickel				5	U	ug/l	5	U	ug/l															
Potassium				350	J	ug/l	450	J	ug/l															
Selenium				2	U	ug/l	2	U	ug/l															
Silicon																								
Silver				5	U	ug/l	5	U	ug/l															
Sodium				1200		ug/l	1300		ug/l															
Strontium																								
Sulfur																								
Thallium				0.5	UJ	ug/l	0.5	U	ug/l															
Titanium																								
Uranium																								
Vanadium				5	U	ug/l	5	U	ug/l															
Zinc				1200		ug/l	1100		ug/l	760		ug/l	760		ug/l	860		ug/l	860		ug/l	910		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC291			CC291			CC291			CC291			CC291			CC291			CC291			CC291		
Location Cross Ref.																								
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173895			173896			173896			173897			173897			173898			173898			173899		
Sample Date	12/17/1993			01/20/1994			01/20/1994			02/18/1994			02/18/1994			03/08/1994			03/08/1994			03/24/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	5.5		ug/l	5.5		ug/l	5.6		ug/l	5.6		ug/l	5.7		ug/l	5.2		ug/l	5.5		ug/l	4.6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	14		ug/l	23		ug/l	12		ug/l	26		ug/l	12		ug/l	15		ug/l	11		ug/l	14		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	910		ug/l	920		ug/l	920		ug/l	940		ug/l	900		ug/l	810		ug/l	840		ug/l	750		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC291			CC291			CC291			CC291			CC291			CC291			CC291			CC291		
Location Cross Ref.																								
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173899			173900			173900			173901			173901			173902			173902			173903		
Sample Date	03/24/1994			04/07/1994			04/07/1994			04/19/1994			04/19/1994			05/04/1994			05/04/1994			05/19/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	5		ug/l	3.6		ug/l	3.9		ug/l	2.7		ug/l	2.2		ug/l	1.8		ug/l	1.8		ug/l	1.4		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	9		ug/l	28		ug/l	18		ug/l	86		ug/l	9		ug/l	14		ug/l	8		ug/l	12		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	790		ug/l	1300		ug/l	1300		ug/l	350		ug/l	310		ug/l	230		ug/l	230		ug/l	180		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC291			CC291			CC291			CC291			CC291			CC291			CC291			CC291		
Location Cross Ref.																								
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173903			173904			173904			173905			173905			173906			173906			173907		
Sample Date	05/19/1994			06/07/1994			06/07/1994			06/23/1994			06/23/1994			07/25/1994			07/25/1994			08/16/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.5		ug/l	2.1		ug/l	2.2		ug/l	3		ug/l	2.5		ug/l	3.7		ug/l	3.4		ug/l	4		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	11		ug/l	16		ug/l	8		ug/l	15		ug/l	11		ug/l	19		ug/l	10		ug/l	24		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	190		ug/l	290		ug/l	300		ug/l	320		ug/l	310		ug/l	460		ug/l	450		ug/l	580		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC291			CC291			CC291			CC291			CC291			CC291			CC291			CC291		
Location Cross Ref.																								
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173907			173908			173908			173909			173909			173910			173910			173911		
Sample Date	08/16/1994			09/13/1994			09/13/1994			10/06/1994			10/06/1994			11/16/1994			11/16/1994			12/13/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	3.9		ug/l	4.2		ug/l	4		ug/l	4.8		ug/l	4.4		ug/l	5.2		ug/l	5.2		ug/l	5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	15		ug/l	24		ug/l	10		ug/l	24		ug/l	13		ug/l	20		ug/l	9		ug/l	16		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	560		ug/l	610		ug/l	570		ug/l	670		ug/l	660		ug/l	850		ug/l	860		ug/l	900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC291			CC291			CC291			CC291			CC291			CC291			CC291			CC291		
Location Cross Ref.																								
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173911			173912			173912			173913			173913			173914			173914			173915		
Sample Date	12/13/1994			01/10/1995			01/10/1995			02/09/1995			02/09/1995			03/08/1995			03/08/1995			03/22/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	5.2		ug/l	7.1		ug/l	5.2		ug/l	3		ug/l	2.6		ug/l	2.4		ug/l	2.5		ug/l	4.1		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	9		ug/l	37		ug/l	8		ug/l	12		ug/l	6		ug/l	12		ug/l	6		ug/l	22		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	920		ug/l	1100		ug/l	1000		ug/l	440		ug/l	450		ug/l	410		ug/l	400		ug/l	770		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC291		CC291		CC291		CC291		CC291		CC291		CC291		CC291	
Location Cross Ref.																
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173915		173916		173916		173917		173917		173918		173918		173919	
Sample Date	03/22/1995		04/12/1995		04/12/1995		04/25/1995		04/25/1995		05/10/1995		05/10/1995		05/23/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	4.4	ug/l	3.1	ug/l	2.9	ug/l	2.5	ug/l	2.4	ug/l	2.8	ug/l	2.7	ug/l	1.9	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	11	ug/l	10	ug/l	5	ug/l	32	ug/l	9	ug/l	30	ug/l	11	ug/l	21	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	700	ug/l	470	ug/l	450	ug/l	400	ug/l	380	ug/l	230	ug/l	200	ug/l	170	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC291			CC291			CC291			CC291			CC291			CC291			CC291			CC291		
Location Cross Ref.																								
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173919			173920			173920			173921			173921			173922			173922			173923		
Sample Date	05/23/1995			06/13/1995			06/13/1995			06/27/1995			06/27/1995			07/11/1995			07/11/1995			07/25/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.1		ug/l	1.6		ug/l	1.3		ug/l	1.6		ug/l	1.8		ug/l	2.4		ug/l	2.3		ug/l	3.2		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	10		ug/l	22		ug/l	10		ug/l	17		ug/l	11		ug/l	16		ug/l	11		ug/l	25		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	180		ug/l	180		ug/l	170		ug/l	210		ug/l	220		ug/l	280		ug/l	260		ug/l	420		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC291			CC291			CC291			CC291			CC291			CC291			CC354		
Location Cross Ref.																			AD354		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			Adit		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173923			173924			173924			173925			173925			46563			46563			46302		
Sample Date	07/25/1995			08/14/1995			08/14/1995			09/13/1995			09/13/1995			05/14/1998			05/14/1998			05/13/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																50	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony																0.8		ug/l	0.8		ug/l	1.4		ug/l
Arsenic																2	U	ug/l	2	U	ug/l	2	U	ug/l
Barium																16		ug/l	14		ug/l	44		ug/l
Beryllium																0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Cadmium	3		ug/l	3.4		ug/l	3.5		ug/l	4		ug/l	4.2		ug/l	1.6		ug/l	1.5		ug/l	1.4		ug/l
Calcium																3900		ug/l	3800		ug/l	22000		ug/l
Chromium																5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt																10	U	ug/l	10	U	ug/l	10	U	ug/l
Copper																2	U	ug/l	2	U	ug/l	2	U	ug/l
Cyanide																								
Iron																46		ug/l	98		ug/l	38		ug/l
Lead	17		ug/l	19		ug/l	12		ug/l	30		ug/l	10		ug/l	4.8		ug/l	11		ug/l	0.2		ug/l
Lithium																								
Magnesium																990		ug/l	980		ug/l	5600		ug/l
Manganese																22		ug/l	23		ug/l	670		ug/l
Mercury																0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																20	U	ug/l	20	U	ug/l	20	U	ug/l
Potassium																2000	U	ug/l	2000	U	ug/l	2000	U	ug/l
Selenium																2	U	ug/l	2	U	ug/l	2	U	ug/l
Silicon																								
Silver																0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Sodium																770		ug/l	710		ug/l	2000		ug/l
Strontium																								
Sulfur																								
Thallium																0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium																10	U	ug/l	10	U	ug/l	10	U	ug/l
Zinc	420		ug/l	480		ug/l	490		ug/l	620		ug/l	600		ug/l	250		ug/l	250		ug/l	350		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC354			CC354			CC354			CC355			CC355			CC355			CC355			CC355		
Location Cross Ref.	AD354			AD354			AD354			AD355/GEM-1			AD355/GEM-1			AD355/GEM-1			AD355/GEM-1			AD355/GEM-1		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46302			46303			46303			172014			172014			172014			172014			172014		
Sample Date	05/13/1998			05/13/1998			05/13/1998			05/17/1991			05/17/1991			05/17/1991			05/17/1991			05/17/1991		
Sample Type	Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l															
Antimony	2		ug/l	1.4		ug/l	2.1		ug/l															
Arsenic	2	U	ug/l	2	U	ug/l	2	U	ug/l															
Barium	42		ug/l	46		ug/l	42		ug/l															
Beryllium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l															
Cadmium	3.1		ug/l	1.5		ug/l	3.1		ug/l				0.011		mg/l				0.0091		mg/l			
Calcium	22000		ug/l	23000		ug/l	21000		ug/l															
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Cobalt	10	U	ug/l	10	U	ug/l	10	U	ug/l															
Copper	2	U	ug/l	2	U	ug/l	2	U	ug/l															
Cyanide																								
Iron	1800		ug/l	40		ug/l	1800		ug/l															
Lead	17		ug/l	0.2	U	ug/l	17		ug/l							0.027		mg/l				0.003	U	mg/l
Lithium																								
Magnesium	5500		ug/l	5800		ug/l	5500		ug/l															
Manganese	660		ug/l	690		ug/l	650		ug/l															
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l															
Molybdenum																								
Nickel	20	U	ug/l	20	U	ug/l	20	U	ug/l															
Potassium	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l															
Selenium	2	U	ug/l	2	U	ug/l	2	U	ug/l															
Silicon																								
Silver	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l															
Sodium	1900		ug/l	2000		ug/l	1900		ug/l															
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l															
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	10	U	ug/l	10	U	ug/l															
Zinc	390		ug/l	360		ug/l	390		ug/l	16		mg/l							17		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC355	CC355	CC355	CC355	CC355	CC355	CC355	CC355
Location Cross Ref.	AD355/GEM-1	AD355/GEM-1	AD355/GEM-1	AD355/GEM-1	AD355/GEM-1	AD355/GEM-1	AD355/GEM-1	AD355/GEM-1
Location Type	Adit	Adit	Adit	Adit	Adit	Adit	Adit	Adit
(Ref) Source/Lab	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172015	172015	172015	172015	172015	172146	172146	172146
Sample Date	05/17/1991	05/17/1991	05/17/1991	05/17/1991	05/17/1991	10/05/1991	10/05/1991	10/05/1991
Sample Type	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	7131	7421	D6010	D7421	6010	7131	7421

Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium		0.011 mg/l		0.009 mg/l			0.0075 mg/l	
Calcium								
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead			0.03 mg/l		0.003 U mg/l			0.04 mg/l
Lithium								
Magnesium								
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc	16 mg/l			17 mg/l		14 mg/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC355		CC355		CC355		CC355		CC371		CC371		CC371		CC371	
Location Cross Ref.	AD355/GEM-1		AD355/GEM-1		AD355/GEM-1		AD355/GEM-1		AD371		AD371		AD371		AD371	
Location Type	Adit		Adit		Adit		Adit		Adit		Adit		Adit		Adit	
(Ref) Source/Lab	(5) MFG/OTHER		(5) MFG/OTHER		(3) URS/SWRI		(3) URS/SWRI		(2) URS/MEL		(2) URS/LAUCKS		(2) URS/MEL		(2) URS/LAUCKS	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172146		172146		46301		46301		168555		168555		168572		168572	
Sample Date	10/05/1991		10/05/1991		05/12/1998		05/12/1998		11/16/1997		11/16/1997		11/16/1997		11/16/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D7421		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum					50 U	ug/l	50 U	ug/l	21	ug/l	26 U	ug/l	20 U	ug/l	26 U	ug/l
Antimony					0.5 U	ug/l	0.81	ug/l	0.5 U	ug/l	0.59 U	ug/l	0.5 U	ug/l	0.56 U	ug/l
Arsenic					2.5	ug/l	3.4	ug/l	0.78	ug/l	0.68 J	ug/l	0.72	ug/l	0.82 J	ug/l
Barium					28	ug/l	29	ug/l	6.9	ug/l	7.1 J	ug/l	20	ug/l	6.9 J	ug/l
Beryllium					1 U	ug/l	1 U	ug/l	1 U	ug/l	0.35 U	ug/l	1 U	ug/l	0.35 U	ug/l
Cadmium	0.0075	mg/l			11	ug/l	11	ug/l	0.53	ug/l	0.48	ug/l	0.5	ug/l	0.49	ug/l
Calcium					50000	ug/l	50000	ug/l	15000	ug/l	14000	ug/l	14000	ug/l	13000	ug/l
Chromium					5 U	ug/l	5 U	ug/l	5 U	ug/l	6 U	ug/l	5 U	ug/l	6 U	ug/l
Cobalt					9.3	ug/l	9	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper					3 U	ug/l	3 U	ug/l	0.5 U	ug/l	0.06 U	ug/l	0.5 U	ug/l	0.06 U	ug/l
Cyanide																
Iron					4800	ug/l	6000	ug/l	10 U	ug/l	9.8 U	ug/l	10 U	ug/l	11 U	ug/l
Lead			0.0001 U	mg/l	0.5 U	ug/l	25	ug/l	2.1	ug/l	2.3	ug/l	2.2	ug/l	2.6	ug/l
Lithium																
Magnesium					9100	ug/l	9000	ug/l	2100	ug/l	2000	ug/l	2100	ug/l	1900	ug/l
Manganese					5200	ug/l	5200	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Mercury					0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.1 U	ug/l
Molybdenum																
Nickel					11	ug/l	11	ug/l	0.33	ug/l	5 U	ug/l	0.3	ug/l	5.5 J	ug/l
Potassium					1800	ug/l	1800	ug/l	700 U	ug/l	230 J	ug/l	700 U	ug/l	270 J	ug/l
Selenium					1.3	ug/l	1.4	ug/l	1 U	ug/l	0.21 U	ug/l	1 U	ug/l	0.21 U	ug/l
Silicon																
Silver					0.3 U	ug/l	0.3 U	ug/l	0.03 U	ug/l	0.22 U	ug/l	0.03 U	ug/l	0.22 U	ug/l
Sodium					2700	ug/l	2800	ug/l	810	ug/l	790	ug/l	810	ug/l	790	ug/l
Strontium																
Sulfur																
Thallium					0.1 U	ug/l	0.1 U	ug/l	0.5 U	ug/l	0.017 U	ug/l	0.5 U	ug/l	0.017 U	ug/l
Titanium																
Uranium																
Vanadium					5 U	ug/l	5 U	ug/l	3 U	ug/l	2 U	ug/l	3 U	ug/l	2 U	ug/l
Zinc	14	mg/l							85	ug/l	91	ug/l	89	ug/l	90	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC372	CC372	CC372	CC372	CC372	CC372	CC372	CC372
Location Cross Ref.	TAM-1	TAM-1	TAM-1	TAM-1	TAM-1	TAM-1	TAM-1	TAM-1
Location Type	Adit	Adit	Adit	Adit	Adit	Adit	Adit	Adit
(Ref) Source/Lab	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172037	172037	172037	172037	172037	172143	172143	172143
Sample Date	05/17/1991	05/17/1991	05/17/1991	05/17/1991	05/17/1991	10/05/1991	10/05/1991	10/05/1991
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	7131	7421	D6010	D7421	6010	7131	7421
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium		0.0092 mg/l		0.0051 mg/l			0.0035 mg/l	
Calcium								
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead			0.003 U mg/l		0.003 U mg/l			0.005 mg/l
Lithium								
Magnesium								
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc	1.7 mg/l			1.7 mg/l		0.64 mg/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC372			CC372			CC372			CC372			CC372			CC372			CC373			CC373		
Location Cross Ref.	TAM-1			TAM-1			TAM-1			TAM-1			TAM-1			TAM-1			AD373			AD373		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI			(3) URS/SWRI			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172143			172143			168556			168556			46298			46298			168557			168557		
Sample Date	10/05/1991			10/05/1991			11/16/1997			11/16/1997			05/12/1998			05/12/1998			11/16/1997			11/16/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum										26	U	ug/l	50	U	ug/l	50	U	ug/l	20	U	ug/l	47	J	ug/l
Antimony										1.1	U	ug/l	1.3		ug/l	1.3		ug/l	0.68		ug/l	0.72	U	ug/l
Arsenic							1.2		ug/l	2		ug/l	1.4		ug/l	2.4		ug/l	0.49		ug/l	0.57	J	ug/l
Barium										31		ug/l	32		ug/l	32		ug/l	17		ug/l	7.9	J	ug/l
Beryllium										0.35	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.35	U	ug/l
Cadmium	0.0014		mg/l							3.3		ug/l	17		ug/l	18		ug/l	0.04	U	ug/l	0.069	U	ug/l
Calcium										31000		ug/l	36000		ug/l	36000		ug/l	19000		ug/l	18000		ug/l
Chromium										6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l
Cobalt										5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper										0.21	J	ug/l	3	U	ug/l	3	U	ug/l	0.5	U	ug/l	0.64	J	ug/l
Cyanide																								
Iron							35		ug/l	460		ug/l	370		ug/l	650		ug/l	10	U	ug/l	220		ug/l
Lead				0.0001	U	mg/l				4		ug/l	0.5	U	ug/l	5		ug/l	0.88		ug/l	1.6		ug/l
Lithium																								
Magnesium										7200		ug/l	7400		ug/l	7600		ug/l	3500		ug/l	3200		ug/l
Manganese							210		ug/l	210		ug/l	250		ug/l	250		ug/l	1	U	ug/l	1	U	ug/l
Mercury										0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel							1.3		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.42		ug/l	5	U	ug/l
Potassium										830		ug/l	1000		ug/l	1200		ug/l	700	U	ug/l	360	J	ug/l
Selenium										0.21	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver										0.22	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.03	U	ug/l	0.22	U	ug/l
Sodium										1800		ug/l	1400		ug/l	1400		ug/l	1700		ug/l	1700		ug/l
Strontium																								
Sulfur																								
Thallium										0.017	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium										2	U	ug/l	5	U	ug/l	5	U	ug/l	3	U	ug/l	2	U	ug/l
Zinc	0.5		mg/l				590		ug/l	630		ug/l	2800		ug/l	2900		ug/l	7.1		ug/l	22	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC388			CC388			CC388			CC388			CC388			CC388			CC388			CC388		
Location Cross Ref.	HERC-1/AD388			HERC-1/AD388			HERC-1/AD388			HERC-1/AD388			HERC-1/AD388			HERC-1/AD388			HERC-1/AD388			HERC-1/AD388		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172032			172032			172032			172032			172032			172138			172138			172138		
Sample Date	05/18/1991			05/18/1991			05/18/1991			05/18/1991			05/18/1991			10/05/1991			10/05/1991			10/05/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.066		mg/l				0.064		mg/l							0.0006		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.84		mg/l				0.31		mg/l							0.006		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	6.3		mg/l							6.6		mg/l				0.091		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC388			CC388			CC388			CC388			CC388			CC388			CC403		
Location Cross Ref.	HERC-1/AD388			HERC-1/AD388			HERC-1/AD388			HERC-1/AD388			HERC-1/AD388			HERC-1/AD388			TIGER-POORMAN		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Monitoring Well		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(8) EPAREG10/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI			(11) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			19 - 19		
Sample Number	172138			172138			173206			168563			168563			46299			49105		
Sample Date	10/05/1991			10/05/1991			04/02/1996			11/17/1997			11/17/1997			05/12/1998			12/03/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D7421			6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum										28	J	ug/l	36	J	ug/l	50	U	ug/l	240		ug/l	68	U	ug/l
Antimony										1.4		ug/l	1.4	U	ug/l	1.7		ug/l	1.7		ug/l	1.6	J	ug/l
Arsenic										0.84		ug/l	1	J	ug/l	2.8		ug/l	1	U	ug/l	4		ug/l
Barium										19		ug/l	20		ug/l	18		ug/l	18		ug/l	19	J	ug/l
Beryllium										1	U	ug/l	0.35	U	ug/l	1	U	ug/l	1	U	ug/l	0.28	U	ug/l
Cadmium	0.0003		mg/l				5	U	ug/l	3.2		ug/l	2.9		ug/l	26		ug/l	26		ug/l	0.44	J	ug/l
Calcium										32000		ug/l	30000		ug/l	32000		ug/l	32000		ug/l	20000		ug/l
Chromium										5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l	0.058	U	ug/l
Cobalt										5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.037	U	ug/l
Copper							5	U	ug/l	0.27		ug/l	0.64	J	ug/l	3	U	ug/l	7.8		ug/l	0.087	U	ug/l
Cyanide																								
Iron										10	U	ug/l	150		ug/l	20	U	ug/l	310		ug/l	39	U	ug/l
Lead				0.0001	U	mg/l	22		ug/l	2.1		ug/l	12		ug/l	82		ug/l	49		ug/l	0.77	J	ug/l
Lithium																								
Magnesium										7800		ug/l	7400		ug/l	8000		ug/l	8100		ug/l	4800		ug/l
Manganese							260		ug/l	100		ug/l	110		ug/l	1800		ug/l	1800		ug/l	2.3	U	ug/l
Mercury							0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel										1.9		ug/l	5	U	ug/l	7.3		ug/l	7.6		ug/l	5.7	U	ug/l
Potassium										1100		ug/l	870		ug/l	850		ug/l	920		ug/l	730	J	ug/l
Selenium										1	U	ug/l	0.21	U	ug/l	1	U	ug/l	1	U	ug/l	0.44	J	ug/l
Silicon																								
Silver							1	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	4.5	U	ug/l
Sodium										2400		ug/l	2300		ug/l	2000		ug/l	1900		ug/l	1900		ug/l
Strontium																								
Sulfur																								
Thallium										0.5	U	ug/l	0.017	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.03	U	ug/l
Titanium																								
Uranium																								
Vanadium										3	U	ug/l	2	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	U	ug/l
Zinc	0.012	U	mg/l				420		ug/l	280		ug/l	300		ug/l	2100		ug/l	2200		ug/l	68	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC403		CC403		CC403		CC409		CC409		CC409		CC409		CC409	
Location Cross Ref.	TIGER-POORMAN		TIGER-POORMAN		TIGER-POORMAN		TIGER-POORMAN		TIGER-POORMAN		TIGER-POORMAN		TIGER-POORMAN		TIGER-POORMAN	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(11) URS/LAUCKS		(23) URS/SWRI		(23) URS/SWRI		(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	19 - 19		19 - 19		19 - 19		20 - 20		20 - 20		20 - 20		20 - 20		20 - 20	
Sample Number	49105		61475		61475		49106		49106		61472		61472		61474	
Sample Date	12/03/1998		12/05/1999		12/05/1999		12/03/1998		12/03/1998		12/05/1999		12/05/1999		12/05/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	68 U	ug/l	50 U	ug/l	50 U	ug/l	68 U	ug/l	68 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Antimony	1.8 J	ug/l	2 U	ug/l	2 U	ug/l	4.8 J	ug/l	5.5	ug/l	4.6 J	ug/l	4.7 J	ug/l	4.9 J	ug/l
Arsenic	3.8	ug/l	4.1	ug/l	3.9	ug/l	2.4	ug/l	2.2	ug/l	3	ug/l	2.9	ug/l	2.3	ug/l
Barium	18 J	ug/l	19 J	ug/l	19 J	ug/l	23	ug/l	22	ug/l	19 J	ug/l	20 J	ug/l	19 J	ug/l
Beryllium	0.28 U	ug/l	1 U	ug/l	1 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	0.69 J	ug/l	0.61 J	ug/l	0.6 J	ug/l	2.9 J	ug/l	3.2 J	ug/l	2.1	ug/l	2.1	ug/l	2.2	ug/l
Calcium	19000	ug/l	19000	ug/l	18000	ug/l	16000	ug/l	16000	ug/l	14000	ug/l	13000	ug/l	14000	ug/l
Chromium	0.18 U	ug/l	5 U	ug/l	5 U	ug/l	0.058 U	ug/l	0.18 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	0.037 U	ug/l	5 U	ug/l	5 U	ug/l	0.037 U	ug/l	0.037 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	0.22 U	ug/l	5 U	ug/l	5 U	ug/l	0.67 J	ug/l	1.1 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cyanide																
Iron	6.9 U	ug/l	25 U	ug/l	25 U	ug/l	6.9 U	ug/l	150 J	ug/l	25 U	ug/l	25 U	ug/l	25 U	ug/l
Lead	1.2 J	ug/l	0.5 U	ug/l	1.4 J	ug/l	5.7	ug/l	6.3	ug/l	5.1	ug/l	6.1	ug/l	5.3	ug/l
Lithium																
Magnesium	4600	ug/l	4400	ug/l	4300	ug/l	4000	ug/l	4000	ug/l	3400	ug/l	3300	ug/l	3400	ug/l
Manganese	2.3 U	ug/l	5 U	ug/l	5 U	ug/l	1.8 U	ug/l	3.2 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5.7 U	ug/l	5 U	ug/l	5 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	750 U	ug/l	560 J	ug/l	530 J	ug/l	580 J	ug/l	670 U	ug/l	520 J	ug/l	440 J	ug/l	420 J	ug/l
Selenium	0.36 U	ug/l	2 U	ug/l	2 U	ug/l	0.41 J	ug/l	0.36 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l
Silicon																
Silver	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	1800 J	ug/l	1700	ug/l	1700	ug/l	1700	ug/l	1800 J	ug/l	1500	ug/l	1500	ug/l	1600	ug/l
Strontium																
Sulfur																
Thallium	0.03 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.03 U	ug/l	0.28 J	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l
Titanium																
Uranium																
Vanadium	3.2 U	ug/l	5 U	ug/l	5 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	76	ug/l	67	ug/l	59	ug/l	380 J	ug/l	440	ug/l	260	ug/l	240	ug/l	270	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC409		CC411		CC411		CC411		CC411		CC414		CC414		CC414	
Location Cross Ref.	TIGER-POORMAN										HECLA-STAR		HECLA-STAR		HECLA-STAR	
Location Type	Monitoring Well		River/Stream		River/Stream		River/Stream		River/Stream		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(23) URS/SWRI		(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI		(23) URS/SWRI		(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI	
Matrix Type	Groundwater		Surface Water		Surface Water		Surface Water		Surface Water		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	20 - 20		-		-		-		-		14 - 14		14 - 14		14 - 14	
Sample Number	61474		49004		49004		61486		61486		49107		49107		61473	
Sample Date	12/05/1999		11/12/1998		11/12/1998		12/05/1999		12/05/1999		12/04/1998		12/04/1998		12/05/1999	
Sample Type	Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	50 U	ug/l	68 U	ug/l	68 U	ug/l	50 U	ug/l	50 U	ug/l	68 U	ug/l	68 U	ug/l	50 U	ug/l
Antimony	4.9 J	ug/l	6	ug/l	5.9	ug/l	2.5 J	ug/l	2.6 J	ug/l	3.8 J	ug/l	2 J	ug/l	2.2 J	ug/l
Arsenic	2.4	ug/l	0.45 J	ug/l	0.35 J	ug/l	1 U	ug/l	1 U	ug/l	0.32 U	ug/l	0.2 U	ug/l	1 U	ug/l
Barium	19 J	ug/l	19 J	ug/l	19 J	ug/l	15 J	ug/l	15 J	ug/l	29	ug/l	28	ug/l	19 J	ug/l
Beryllium	1 U	ug/l	0.3 U	ug/l	0.28 U	ug/l	1 U	ug/l	1 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	1 U	ug/l
Cadmium	2.2	ug/l	0.46 J	ug/l	0.38 J	ug/l	0.5 U	ug/l	0.5 U	ug/l	19 J	ug/l	19 J	ug/l	11	ug/l
Calcium	14000	ug/l	9000	ug/l	8700	ug/l	4600	ug/l	4600	ug/l	14000	ug/l	13000	ug/l	9300	ug/l
Chromium	5 U	ug/l	0.058 U	ug/l	0.058 U	ug/l	5 U	ug/l	5 U	ug/l	1.1 J	ug/l	0.17 U	ug/l	5 U	ug/l
Cobalt	5 U	ug/l	0.037 U	ug/l	0.037 U	ug/l	5 U	ug/l	5 U	ug/l	0.41 J	ug/l	0.037 U	ug/l	5 U	ug/l
Copper	5 U	ug/l	0.11 U	ug/l	0.087 U	ug/l	5 U	ug/l	5 U	ug/l	1.2 J	ug/l	0.34 U	ug/l	5 U	ug/l
Cyanide																
Iron	25 U	ug/l	100	ug/l	6.9 U	ug/l	25 U	ug/l	25 U	ug/l	6.9 U	ug/l	6.9 U	ug/l	25 U	ug/l
Lead	6.4	ug/l	2.2	ug/l	3.4	ug/l	1.4 J	ug/l	1.7 J	ug/l	0.33 J	ug/l	0.46 J	ug/l	0.5 U	ug/l
Lithium																
Magnesium	3400	ug/l	2500	ug/l	2500	ug/l	1300	ug/l	1300	ug/l	3200	ug/l	3100	ug/l	2200	ug/l
Manganese	5 U	ug/l	1.5 U	ug/l	1.5 U	ug/l	5 U	ug/l	5 U	ug/l	2.7 U	ug/l	1.5 U	ug/l	5 U	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5 U	ug/l	5 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5 U	ug/l
Potassium	710 U	ug/l	430 J	ug/l	400 J	ug/l	340 J	ug/l	390 U	ug/l	490 J	ug/l	550 U	ug/l	340 J	ug/l
Selenium	2 U	ug/l	0.36 U	ug/l	0.49 U	ug/l	2 U	ug/l	2 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	2 U	ug/l
Silicon																
Silver	5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l
Sodium	1500	ug/l	1400 J	ug/l	1400	ug/l	1000	ug/l	1200	ug/l	1700	ug/l	1600 J	ug/l	1300	ug/l
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.5 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l	5 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l
Zinc	290	ug/l	39	ug/l	37	ug/l	28	ug/l	30	ug/l	2900 J	ug/l	2900	ug/l	2100	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC414			CC415			CC415			CC415			CC415			CC417			CC417			CC417		
Location Cross Ref.	HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			MACE			MACE			MACE		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(23) URS/SWRI			(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	14 - 14			19.5 - 19.5			19.5 - 19.5			19.5 - 19.5			19.5 - 19.5			17.5 - 17.5			17.5 - 17.5			17.5 - 17.5		
Sample Number	61473			49108			49108			61464			61464			49042			49042			49043		
Sample Date	12/05/1999			12/04/1998			12/04/1998			12/05/1999			12/05/1999			12/04/1998			12/04/1998			12/04/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	68	U	ug/l	68	U	ug/l	50	U	ug/l	50	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l
Antimony	2.2	J	ug/l	4.6	J	ug/l	4.8	J	ug/l	5.5		ug/l	5.2		ug/l	7		ug/l	6.4		ug/l	6.8		ug/l
Arsenic	1	U	ug/l	0.3	U	ug/l	0.2	U	ug/l	1	U	ug/l	1	U	ug/l	0.2	U	ug/l	0.6	J	ug/l	0.2	U	ug/l
Barium	18	J	ug/l	38		ug/l	39		ug/l	20	J	ug/l	20		ug/l	46		ug/l	48		ug/l	49		ug/l
Beryllium	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	1	U	ug/l	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l
Cadmium	12		ug/l	47	J	ug/l	48	J	ug/l	14		ug/l	14		ug/l	30		ug/l	29		ug/l	30		ug/l
Calcium	8200		ug/l	45000		ug/l	46000		ug/l	31000		ug/l	29000		ug/l	10000		ug/l	11000		ug/l	11000		ug/l
Chromium	5	U	ug/l	0.058	U	ug/l	0.22	U	ug/l	5	U	ug/l	5	U	ug/l	0.1	J	ug/l	0.15	J	ug/l	0.12	J	ug/l
Cobalt	5	U	ug/l	0.62	J	ug/l	0.47	J	ug/l	5	U	ug/l	5	U	ug/l	0.037	U	ug/l	0.037	U	ug/l	0.037	U	ug/l
Copper	5	U	ug/l	1.7	J	ug/l	2.5	J	ug/l	5	U	ug/l	5	U	ug/l	0.31	U	ug/l	0.48	UJ	ug/l	0.35	U	ug/l
Cyanide																								
Iron	25	U	ug/l	10	U	ug/l	6.9	U	ug/l	25	U	ug/l	25	U	ug/l	6.9	U	ug/l	6.9	U	ug/l	6.9	U	ug/l
Lead	0.64	J	ug/l	230	J	ug/l	280		ug/l	58		ug/l	63		ug/l	24		ug/l	22		ug/l	24		ug/l
Lithium																								
Magnesium	2000		ug/l	9100		ug/l	9300		ug/l	6400		ug/l	6200		ug/l	2700		ug/l	2900		ug/l	2900		ug/l
Manganese	5	U	ug/l	5.4	U	ug/l	4.7	U	ug/l	5	U	ug/l	5	U	ug/l	1.5	U	ug/l	1.5	U	ug/l	2.4	J	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5	U	ug/l	5	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l
Potassium	280	J	ug/l	2900		ug/l	3000		ug/l	2100		ug/l	2100		ug/l	530	J	ug/l	540	J	ug/l	600	J	ug/l
Selenium	2	U	ug/l	0.61	J	ug/l	0.3	J	ug/l	2	U	ug/l	2	U	ug/l	0.36	U	ug/l	0.41	U	ug/l	0.36	U	ug/l
Silicon																								
Silver	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	5	U	ug/l	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l
Sodium	1200		ug/l	3700		ug/l	3800	J	ug/l	2400		ug/l	2400		ug/l	2300		ug/l	2500	J	ug/l	2500		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.14	J	ug/l	0.03	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.03	U	ug/l	0.1	U	ug/l	0.03	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l
Zinc	1800		ug/l	6700	J	ug/l	8000		ug/l	2200		ug/l	2000		ug/l	4400		ug/l	4300		ug/l	4300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC417		CC417		CC417		CC417		CC417		CC418		CC418		CC418	
Location Cross Ref.	MACE		MACE		MACE		MACE		MACE		MACE		MACE		MACE	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI		(23) URS/SWRI		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	17.5 - 17.5		11 - 11		11 - 11		11 - 11		11 - 11		40 - 40		40 - 40		20 - 20	
Sample Number	49043		49044		49044		61482		61482		49074		49074		49075	
Sample Date	12/04/1998		12/04/1998		12/04/1998		12/04/1999		12/04/1999		12/04/1998		12/04/1998		12/04/1998	
Sample Type	Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	100	ug/l	68 U	ug/l	68 U	ug/l	50 U	ug/l	50 U	ug/l	68 U	ug/l	68 U	ug/l	68 U	ug/l
Antimony	6.7	ug/l	6.8	ug/l	6.6	ug/l	7.6	ug/l	7.5	ug/l	8.2	ug/l	11	ug/l	8.3	ug/l
Arsenic	0.2 U	ug/l	0.2 U	ug/l	0.23 J	ug/l	1 U	ug/l	1 U	ug/l	0.23 U	ug/l	0.2 U	ug/l	0.28 U	ug/l
Barium	49	ug/l	48	ug/l	48	ug/l	38	ug/l	37	ug/l	58	ug/l	54	ug/l	55	ug/l
Beryllium	0.3 J	ug/l	0.28 U	ug/l	0.28 U	ug/l	1 U	ug/l	1 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l
Cadmium	29	ug/l	30	ug/l	29	ug/l	23	ug/l	23	ug/l	28 J	ug/l	29 J	ug/l	29 J	ug/l
Calcium	11000	ug/l	11000	ug/l	11000	ug/l	8000	ug/l	8200	ug/l	13000	ug/l	12000	ug/l	13000	ug/l
Chromium	0.14 J	ug/l	0.13 J	ug/l	0.15 J	ug/l	5 U	ug/l	5 U	ug/l	0.058 U	ug/l	0.19 U	ug/l	0.058 U	ug/l
Cobalt	0.97 UJ	ug/l	0.037 U	ug/l	1 UJ	ug/l	5 U	ug/l	5 U	ug/l	0.15 U	ug/l	0.037 U	ug/l	0.037 U	ug/l
Copper	0.52 UJ	ug/l	0.29 U	ug/l	0.52 UJ	ug/l	5 U	ug/l	5 U	ug/l	0.3 J	ug/l	0.66 J	ug/l	0.087 U	ug/l
Cyanide																
Iron	6.9 U	ug/l	6.9 U	ug/l	6.9 U	ug/l	25 U	ug/l	25 U	ug/l	56 U	ug/l	6.9 U	ug/l	6.9 U	ug/l
Lead	22	ug/l	23	ug/l	22	ug/l	18	ug/l	20	ug/l	27	ug/l	29	ug/l	28	ug/l
Lithium																
Magnesium	2900	ug/l	2800	ug/l	2900	ug/l	2100	ug/l	2100	ug/l	3300	ug/l	3200	ug/l	3300	ug/l
Manganese	2.5 J	ug/l	1.5 U	ug/l	2.5 J	ug/l	5 U	ug/l	5 U	ug/l	1.5 U	ug/l	1.5 U	ug/l	1.5 U	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5.7 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5 U	ug/l	5 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5.7 U	ug/l
Potassium	610 J	ug/l	580 J	ug/l	640 J	ug/l	370 J	ug/l	400 J	ug/l	400 J	ug/l	570 U	ug/l	470 J	ug/l
Selenium	0.44 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	2 U	ug/l	2 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.37 J	ug/l
Silicon																
Silver	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l
Sodium	2500 J	ug/l	2400	ug/l	2500 J	ug/l	1600	ug/l	1700	ug/l	2000	ug/l	1900 J	ug/l	2000	ug/l
Strontium																
Sulfur																
Thallium	0.26 U	ug/l	0.03 U	ug/l	0.17 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.03 U	ug/l
Titanium																
Uranium																
Vanadium	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l	5 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l
Zinc	4300	ug/l	4400	ug/l	4300	ug/l	3300	ug/l	3500	ug/l	4200 J	ug/l	4400	ug/l	4400 J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC418			CC418			CC418			CC419			CC419			CC419			CC419			CC419		
Location Cross Ref.	MACE			MACE			MACE			MACE			MACE			MACE			MACE			MACE		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(11) URS/LAUCKS			(23) URS/SWRI			(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(23) URS/SWRI		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	20 - 20			20 - 20			20 - 20			17 - 17			17 - 17			11 - 11			11 - 11			11 - 11		
Sample Number	49075			61467			61467			49109			49109			49110			49110			61481		
Sample Date	12/04/1998			12/04/1999			12/04/1999			12/04/1998			12/04/1998			12/04/1998			12/04/1998			12/04/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	68	U	ug/l	50	U	ug/l	50	U	ug/l	68	U	ug/l	310	J	ug/l	68	U	ug/l	79	J	ug/l	50	U	ug/l
Antimony	8.6		ug/l	8.7		ug/l	8.7		ug/l	0.049	U	ug/l	0.11	U	ug/l	0.049	U	ug/l	0.19	U	ug/l	2	U	ug/l
Arsenic	0.2	U	ug/l	1	U	ug/l	1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.22	U	ug/l	0.2	U	ug/l	1	U	ug/l
Barium	54		ug/l	40		ug/l	39		ug/l	16	J	ug/l	24		ug/l	13	J	ug/l	15	U	ug/l	13	J	ug/l
Beryllium	0.28	U	ug/l	1	U	ug/l	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	1	U	ug/l
Cadmium	29	J	ug/l	20		ug/l	20		ug/l	0.079	U	ug/l	0.14	J	ug/l	0.079	U	ug/l	0.48	J	ug/l	0.5	U	ug/l
Calcium	12000		ug/l	9000		ug/l	8200		ug/l	7000		ug/l	4800		ug/l	6500		ug/l	6900		ug/l	8400		ug/l
Chromium	0.19	U	ug/l	5	U	ug/l	5	U	ug/l	0.058	U	ug/l	0.21	U	ug/l	0.058	U	ug/l	0.27	U	ug/l	5	U	ug/l
Cobalt	0.037	U	ug/l	5	U	ug/l	5	U	ug/l	0.35	U	ug/l	0.037	U	ug/l	0.23	U	ug/l	0.037	U	ug/l	5	U	ug/l
Copper	0.72	J	ug/l	5	U	ug/l	5	U	ug/l	0.087	U	ug/l	0.46	J	ug/l	0.087	U	ug/l	0.32	U	ug/l	5	U	ug/l
Cyanide																								
Iron	6.9	U	ug/l	25	U	ug/l	25	U	ug/l	60	U	ug/l	360	J	ug/l	29	U	ug/l	6.9	U	ug/l	25	U	ug/l
Lead	29		ug/l	20		ug/l	21		ug/l	0.72	J	ug/l	2		ug/l	0.56	J	ug/l	1.3	J	ug/l	0.5	U	ug/l
Lithium																								
Magnesium	3200		ug/l	2200		ug/l	2000		ug/l	1000		ug/l	1100		ug/l	950		ug/l	1000		ug/l	1200		ug/l
Manganese	1.5	U	ug/l	5	U	ug/l	5	U	ug/l	3	U	ug/l	47		ug/l	3.8	U	ug/l	2.9	U	ug/l	5	U	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5.7	U	ug/l	5	U	ug/l	5	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5	U	ug/l
Potassium	490	U	ug/l	330	J	ug/l	400	J	ug/l	480	J	ug/l	700	U	ug/l	310	J	ug/l	560	U	ug/l	440	J	ug/l
Selenium	0.36	U	ug/l	2	U	ug/l	2	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	2	U	ug/l
Silicon																								
Silver	4.5	U	ug/l	5	U	ug/l	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	5	U	ug/l
Sodium	1900	J	ug/l	1200		ug/l	1300		ug/l	860		ug/l	2300	J	ug/l	750		ug/l	870	J	ug/l	860		ug/l
Strontium																								
Sulfur																								
Thallium	0.03	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.5	U	ug/l
Titanium																								
Uranium																								
Vanadium	3.2	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	5	U	ug/l
Zinc	4300		ug/l	3500		ug/l	3100		ug/l	26	J	ug/l	37		ug/l	42	J	ug/l	76		ug/l	11		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC419			CC420			CC420			CC420			CC420			CC420			CC420			CC421		
Location Cross Ref.	MACE																							
Location Type	Monitoring Well			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(23) URS/SWRI			(23) URS/SWRI			(11) URS/LAUCKS		
Matrix Type	Groundwater			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	11 - 11			-			-			-			-			-			-			-		
Sample Number	61481			49006			49006			49076			49076			61466			61466			49007		
Sample Date	12/04/1999			11/12/1998			11/12/1998			12/04/1998			12/04/1998			12/04/1999			12/04/1999			11/12/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	50	U	ug/l	50	U	ug/l	68	U	ug/l
Antimony	2	U	ug/l	6.4		ug/l	6.4		ug/l	4.8	J	ug/l	5.1		ug/l	2.8	J	ug/l	2.9	J	ug/l	6.7		ug/l
Arsenic	1	U	ug/l	0.45	J	ug/l	0.63	J	ug/l	0.72	U	ug/l	0.62	J	ug/l	1	U	ug/l	1	U	ug/l	0.28	J	ug/l
Barium	15	J	ug/l	45		ug/l	44		ug/l	40		ug/l	42		ug/l	27		ug/l	28		ug/l	44		ug/l
Beryllium	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	1	U	ug/l	1	U	ug/l	0.28	U	ug/l
Cadmium	0.5	U	ug/l	1.9	J	ug/l	2.2		ug/l	4.5	J	ug/l	5	J	ug/l	1.4		ug/l	1.5		ug/l	4.3	J	ug/l
Calcium	8200		ug/l	12000		ug/l	11000		ug/l	11000		ug/l	11000		ug/l	6500		ug/l	6100		ug/l	12000		ug/l
Chromium	5	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.22	U	ug/l	5	U	ug/l	5	U	ug/l	0.15	U	ug/l
Cobalt	5	U	ug/l	0.037	U	ug/l	0.037	U	ug/l	1.4	J	ug/l	0.037	U	ug/l	5	U	ug/l	5	U	ug/l	0.037	U	ug/l
Copper	5	U	ug/l	0.15	U	ug/l	0.087	U	ug/l	0.1	J	ug/l	0.99	J	ug/l	5	U	ug/l	5	U	ug/l	0.29	U	ug/l
Cyanide																								
Iron	27	J	ug/l	37	U	ug/l	290		ug/l	110	U	ug/l	260	J	ug/l	79	J	ug/l	170		ug/l	6.9	U	ug/l
Lead	1.6	J	ug/l	2.4		ug/l	10		ug/l	6.1		ug/l	12		ug/l	2.1		ug/l	5.7		ug/l	5.3		ug/l
Lithium																								
Magnesium	1200		ug/l	3300		ug/l	3100		ug/l	3000		ug/l	3100		ug/l	1800		ug/l	1700		ug/l	3200		ug/l
Manganese	5	U	ug/l	46		ug/l	45		ug/l	48		ug/l	48		ug/l	25		ug/l	25		ug/l	30		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5	U	ug/l	5	U	ug/l	5.7	U	ug/l
Potassium	460	J	ug/l	520	J	ug/l	440	J	ug/l	460	J	ug/l	740	U	ug/l	370	J	ug/l	410	J	ug/l	540	J	ug/l
Selenium	2	U	ug/l	0.36	U	ug/l	0.43	U	ug/l	0.35	J	ug/l	0.36	U	ug/l	2	U	ug/l	2	U	ug/l	0.36	U	ug/l
Silicon																								
Silver	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	5	U	ug/l	5	U	ug/l	4.5	U	ug/l
Sodium	830		ug/l	1500	J	ug/l	1400		ug/l	1500		ug/l	1600	J	ug/l	1000		ug/l	1100		ug/l	1600	J	ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.1	J	ug/l	0.89	J	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.03	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	U	ug/l
Zinc	16		ug/l	300		ug/l	330		ug/l	670	J	ug/l	780		ug/l	240		ug/l	220		ug/l	660		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC421		CC421		CC421		CC422		CC422		CC422		CC422		CC422	
Location Cross Ref.							TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7	
Location Type	River/Stream		River/Stream		River/Stream		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(11) URS/LAUCKS		(23) URS/SWRI		(23) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI	
Matrix Type	Surface Water		Surface Water		Surface Water		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	-		-		-		15 - 15		15 - 15		15 - 15		15 - 15		9 - 9	
Sample Number	49007		61463		61463		49045		49045		49046		49046		49047	
Sample Date	11/12/1998		12/04/1999		12/04/1999		12/05/1998		12/05/1998		12/05/1998		12/05/1998		12/05/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	75 J	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Antimony	6.7	ug/l	3.5 J	ug/l	3.5 J	ug/l	6.7	ug/l	7.1	ug/l	6.5	ug/l	7	ug/l	6.8	ug/l
Arsenic	0.48 J	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Barium	43	ug/l	27	ug/l	28	ug/l	57	ug/l	54	ug/l	52	ug/l	54	ug/l	53	ug/l
Beryllium	0.3 J	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	4.6	ug/l	3.3	ug/l	3.3	ug/l	210	ug/l	210	ug/l	210	ug/l	210	ug/l	210	ug/l
Calcium	11000	ug/l	6600	ug/l	6700	ug/l	21000	ug/l	20000	ug/l	20000	ug/l	20000	ug/l	20000	ug/l
Chromium	0.058 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	0.037 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	0.087 U	ug/l	5 U	ug/l	5 U	ug/l	23	ug/l	21	ug/l	20	ug/l	21	ug/l	20	ug/l
Cyanide																
Iron	200	ug/l	30 J	ug/l	130	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Lead	20	ug/l	5.8	ug/l	11	ug/l	680	ug/l	690	ug/l	680	ug/l	700	ug/l	690	ug/l
Lithium																
Magnesium	3100	ug/l	1800	ug/l	1800	ug/l	4600	ug/l	4400	ug/l	4200	ug/l	4300	ug/l	4200	ug/l
Manganese	30	ug/l	20	ug/l	20	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5.7 U	ug/l	5 U	ug/l	5 U	ug/l	5.5 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	470 J	ug/l	320 J	ug/l	430 J	ug/l	970	ug/l	950	ug/l	990	ug/l	960	ug/l	950	ug/l
Selenium	0.36 U	ug/l	2 U	ug/l	2 U	ug/l	1.9 J	ug/l	2.3 J	ug/l	2.1 J	ug/l	2.4 J	ug/l	1.8 J	ug/l
Silicon																
Silver	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	1500	ug/l	1100	ug/l	1100	ug/l	6700	ug/l	6600	ug/l	7000	ug/l	6600	ug/l	6500	ug/l
Strontium																
Sulfur																
Thallium	0.03 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Titanium																
Uranium																
Vanadium	3.2 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	690	ug/l	510	ug/l	520	ug/l	33000	ug/l	34000	ug/l	33000	ug/l	34000	ug/l	33000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC422		CC422		CC422		CC422		CC422		CC423		CC423		CC423	
Location Cross Ref.	TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(11) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(23) URS/SWRI	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	9 - 9		9 - 9		9 - 9		9 - 9		9 - 9		9.5 - 9.5		9.5 - 9.5		9.5 - 9.5	
Sample Number	49047		61479		61479		61483		61483		49079		49079		61450	
Sample Date	12/05/1998		12/04/1999		12/04/1999		12/04/1999		12/04/1999		12/05/1998		12/05/1998		12/04/1999	
Sample Type	Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	77 J	ug/l	50 U	ug/l
Antimony	7	ug/l	6.6	ug/l	6.8	ug/l	6.7	ug/l	6.8	ug/l	2.1 J	ug/l	2.1 J	ug/l	2 J	ug/l
Arsenic	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Barium	54	ug/l	35	ug/l	36	ug/l	38	ug/l	36	ug/l	27	ug/l	28	ug/l	23	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	210	ug/l	110	ug/l	110	ug/l	110	ug/l	120	ug/l	7.9	ug/l	8.2	ug/l	7.5	ug/l
Calcium	20000	ug/l	13000	ug/l	13000	ug/l	13000	ug/l	13000	ug/l	12000	ug/l	12000	ug/l	10000	ug/l
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	21	ug/l	12	ug/l	12	ug/l	12	ug/l	12	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cyanide																
Iron	50 U	ug/l	25 U	ug/l	25 U	ug/l	25 U	ug/l	25 U	ug/l	50 U	ug/l	50 J	ug/l	25 U	ug/l
Lead	690	ug/l	340	ug/l	370	ug/l	370	ug/l	350	ug/l	24	ug/l	25	ug/l	20	ug/l
Lithium																
Magnesium	4400	ug/l	2800	ug/l	2700	ug/l	2800	ug/l	2700	ug/l	2400	ug/l	2400	ug/l	2000	ug/l
Manganese	6.5 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	950	ug/l	610 J	ug/l	600 J	ug/l	640 J	ug/l	500 J	ug/l	870	ug/l	910	ug/l	670 J	ug/l
Selenium	2.3 J	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l	2 U	ug/l
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	6600	ug/l	2400	ug/l	2400	ug/l	2400	ug/l	2400	ug/l	2400	ug/l	2600	ug/l	2100	ug/l
Strontium																
Sulfur																
Thallium	1 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	1 U	ug/l	1 U	ug/l	0.5 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	34000	ug/l	18000	ug/l	19000	ug/l	19000	ug/l	19000	ug/l	1100	ug/l	1100	ug/l	1000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC423		CC425		CC425		CC431		CC431		CC431		CC431		CC431	
Location Cross Ref.	TAMARACK #7						TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7	
Location Type	Monitoring Well		River/Stream		River/Stream		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(23) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI	
Matrix Type	Groundwater		Surface Water		Surface Water		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	9.5 - 9.5		-		-		74 - 74		74 - 74		72 - 72		72 - 72		72 - 72	
Sample Number	61450		48863		48863		49071		49071		49072		49072		61436	
Sample Date	12/04/1999		11/12/1998		11/12/1998		12/03/1998		12/03/1998		12/03/1998		12/03/1998		12/02/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	50 U	ug/l	50 U	ug/l	50 U	ug/l	68 U	ug/l	380 J	ug/l	68 U	ug/l	77 J	ug/l	150	ug/l
Antimony	2.2 J	ug/l	6.6	ug/l	7	ug/l	0.049 U	ug/l	0.099 U	ug/l	0.049 U	ug/l	0.049 U	ug/l	2 U	ug/l
Arsenic	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.23 U	ug/l	0.2 U	ug/l	0.24 U	ug/l	0.2 U	ug/l	1 U	ug/l
Barium	24	ug/l	45	ug/l	46	ug/l	8.6 U	ug/l	22	ug/l	7.5 U	ug/l	15 U	ug/l	11 J	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	1 U	ug/l
Cadmium	7.6	ug/l	5	ug/l	5.5	ug/l	0.079 U	ug/l	0.079 U	ug/l	0.079 U	ug/l	0.079 U	ug/l	0.5 U	ug/l
Calcium	11000	ug/l	14000	ug/l	15000	ug/l	4900	ug/l	5500	ug/l	4700	ug/l	6900	ug/l	6300	ug/l
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	0.67 J	ug/l	1.6 U	ug/l	0.83 J	ug/l	3.8 J	ug/l	6.6	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	0.16 U	ug/l	0.48 J	ug/l	0.1 U	ug/l	1 J	ug/l	5 U	ug/l
Copper	5 U	ug/l	5 U	ug/l	5 U	ug/l	0.087 U	ug/l	1.3 J	ug/l	0.087 U	ug/l	1.7 J	ug/l	5 U	ug/l
Cyanide																
Iron	25 U	ug/l	440	ug/l	260	ug/l	6.9 U	ug/l	380 J	ug/l	52 U	ug/l	6.9 U	ug/l	180	ug/l
Lead	21	ug/l	4.1	ug/l	24	ug/l	0.04 U	ug/l	2.4	ug/l	0.04 U	ug/l	1.8 J	ug/l	0.5 U	ug/l
Lithium																
Magnesium	2000	ug/l	3900	ug/l	4000	ug/l	1100	ug/l	1300	ug/l	970	ug/l	990	ug/l	1300	ug/l
Manganese	5 U	ug/l	54	ug/l	54	ug/l	4 U	ug/l	39	ug/l	10 U	ug/l	2.9 U	ug/l	6.3 J	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	5 U	ug/l	5 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5 U	ug/l
Potassium	760	ug/l	560 J	ug/l	570 J	ug/l	490 J	ug/l	650 U	ug/l	630 J	ug/l	550 U	ug/l	510 J	ug/l
Selenium	2 U	ug/l	1 U	ug/l	1 U	ug/l	0.42 J	ug/l	0.36 U	ug/l	0.32 J	ug/l	0.36 U	ug/l	2 U	ug/l
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l
Sodium	2100	ug/l	1700	ug/l	1600	ug/l	2400	ug/l	2500 J	ug/l	2400	ug/l	930 J	ug/l	2500	ug/l
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	1 U	ug/l	1 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.5 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l
Zinc	1100	ug/l	840	ug/l	870	ug/l	2 J	ug/l	2.8 J	ug/l	1.4 J	ug/l	5	ug/l	5 U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC431		CC432		CC432		CC432		CC432		CC433		CC433		CC433	
Location Cross Ref.	TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(23) URS/SWRI		(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI		(23) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	72 - 72		32 - 32		32 - 32		32 - 32		32 - 32		46 - 46		46 - 46		18 - 18	
Sample Number	61436		49086		49086		61424		61424		49111		49111		49112	
Sample Date	12/02/1999		12/08/1998		12/08/1998		12/03/1999		12/03/1999		12/05/1998		12/05/1998		12/05/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	370	ug/l	7700	ug/l	76 J	ug/l	220	ug/l	6200	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Antimony	2 U	ug/l	0.52 U	ug/l	0.37 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Arsenic	1 U	ug/l	1.3 J	ug/l	0.38 J	ug/l	1 U	ug/l	1.5 J	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Barium	15 J	ug/l	440	ug/l	5.1 U	ug/l	13 J	ug/l	180	ug/l	19 J	ug/l	19 J	ug/l	18 J	ug/l
Beryllium	1 U	ug/l	1.5	ug/l	0.28 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	0.5 U	ug/l	0.35 J	ug/l	0.079 U	ug/l	0.98 J	ug/l	0.57 J	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Calcium	6200	ug/l	34000	ug/l	15000	ug/l	11000	ug/l	15000	ug/l	13000	ug/l	14000	ug/l	13000	ug/l
Chromium	9.3	ug/l	8	ug/l	0.66 J	ug/l	5 U	ug/l	8.8	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	5 U	ug/l	10	ug/l	1 UJ	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	5 U	ug/l	8.3	ug/l	1.1 UJ	ug/l	5 U	ug/l	6.4	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cyanide																
Iron	470	ug/l	5100	ug/l	40 U	ug/l	170	ug/l	5000	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Lead	0.84 J	ug/l	14	ug/l	0.1 U	ug/l	1.7 J	ug/l	12	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Lithium																
Magnesium	1300	ug/l	2300	ug/l	1700	ug/l	1300	ug/l	2000	ug/l	3600	ug/l	3700	ug/l	3400	ug/l
Manganese	18	ug/l	3300	ug/l	98	ug/l	98	ug/l	790	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	6.2 J	ug/l	18 J	ug/l	5.7 U	ug/l	6.7 J	ug/l	10 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	680 J	ug/l	8300	ug/l	2900	ug/l	1200	ug/l	6500	ug/l	700 J	ug/l	700 J	ug/l	710 J	ug/l
Selenium	2 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	2 U	ug/l	2 UJ	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Silicon																
Silver	5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	2500	ug/l	2200	ug/l	2300 J	ug/l	2300	ug/l	2600	ug/l	3200	ug/l	3200	ug/l	3100	ug/l
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.03 U	ug/l	0.1 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	4.2 J	ug/l	3.2 U	ug/l	5 U	ug/l	5 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	5 U	ug/l	69	ug/l	5.8	ug/l	36	ug/l	34	ug/l	5 U	ug/l	5.3	ug/l	5 U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC433		CC433		CC433		CC433		CC433		CC434		CC434		CC434	
Location Cross Ref.	TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(23) URS/SWRI	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	18 - 18		12 - 12		12 - 12		12 - 12		12 - 12		16.5 - 16.5		16.5 - 16.5		16.5 - 16.5	
Sample Number	49112		49113		49113		61480		61480		49129		49129		61470	
Sample Date	12/05/1998		12/05/1998		12/05/1998		12/04/1999		12/04/1999		12/05/1998		12/05/1998		12/04/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Antimony	1 U	ug/l	1 U	ug/l	1 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l	2 U	ug/l
Arsenic	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Barium	18 J	ug/l	17 J	ug/l	18 J	ug/l	19 J	ug/l	20 J	ug/l	15 J	ug/l	16 J	ug/l	15 J	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	1 U	ug/l	1 U	ug/l	0.5 U	ug/l
Calcium	13000	ug/l	12000	ug/l	12000	ug/l	14000	ug/l	13000	ug/l	18000	ug/l	18000	ug/l	18000	ug/l
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cyanide																
Iron	50 U	ug/l	50 U	ug/l	50 U	ug/l	25 U	ug/l	25 U	ug/l	50 U	ug/l	50 U	ug/l	25 U	ug/l
Lead	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	1 U	ug/l	1 U	ug/l	0.5 U	ug/l
Lithium																
Magnesium	3500	ug/l	3300	ug/l	3300	ug/l	3500	ug/l	3400	ug/l	3200	ug/l	3200	ug/l	3100	ug/l
Manganese	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	730 J	ug/l	720 J	ug/l	740 J	ug/l	600 J	ug/l	660 J	ug/l	650 J	ug/l	630 J	ug/l	540 J	ug/l
Selenium	1 U	ug/l	1 U	ug/l	1 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l	2 U	ug/l
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	3100	ug/l	2900	ug/l	3000	ug/l	3200	ug/l	3200	ug/l	3600	ug/l	3500	ug/l	3400	ug/l
Strontium																
Sulfur																
Thallium	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	1 U	ug/l	1 U	ug/l	0.5 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	11	ug/l	5.4	ug/l	16	ug/l	7.9	ug/l	6.4	ug/l	5 U	ug/l	5 U	ug/l	6	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC434		CC436		CC436		CC436		CC436		CC436		CC436		CC436	
Location Cross Ref.	TAMARACK #7															
Location Type	Monitoring Well		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(23) URS/SWRI		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI	
Matrix Type	Groundwater		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	16.5 - 16.5		-		-		-		-		-		-		-	
Sample Number	61470		49010		49010		49011		49011		49012		49012		61458	
Sample Date	12/04/1999		11/12/1998		11/12/1998		11/12/1998		11/12/1998		11/13/1998		11/13/1998		12/04/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	77 J	ug/l	68 U	ug/l	68 U	ug/l	68 U	ug/l	68 U	ug/l	68 U	ug/l	68 U	ug/l	50 U	ug/l
Antimony	2 U	ug/l	6.5	ug/l	6.4	ug/l	6.3	ug/l	6.5	ug/l	7	ug/l	6.6	ug/l	3.5 J	ug/l
Arsenic	1 U	ug/l	0.21 J	ug/l	0.59 J	ug/l	0.25 J	ug/l	0.54 J	ug/l	1.7 J	ug/l	0.87 J	ug/l	1 U	ug/l
Barium	16 J	ug/l	42	ug/l	40	ug/l	44	ug/l	44	ug/l	42	ug/l	43	ug/l	28	ug/l
Beryllium	1 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	1 U	ug/l
Cadmium	0.5 U	ug/l	5.5 J	ug/l	5.2	ug/l	5.1 J	ug/l	5.7	ug/l	5.7 J	ug/l	6.4	ug/l	4.8	ug/l
Calcium	17000	ug/l	14000	ug/l	13000	ug/l	14000	ug/l	14000	ug/l	13000	ug/l	13000	ug/l	7800	ug/l
Chromium	5 U	ug/l	0.058 U	ug/l	0.058 U	ug/l	0.058 U	ug/l	0.058 U	ug/l	0.058 U	ug/l	0.058 U	ug/l	5 U	ug/l
Cobalt	5 U	ug/l	0.037 U	ug/l	0.037 U	ug/l	0.037 U	ug/l	0.037 U	ug/l	0.037 U	ug/l	0.098 U	ug/l	5 U	ug/l
Copper	5 U	ug/l	0.28 U	ug/l	0.087 U	ug/l	0.34 U	ug/l	0.087 U	ug/l	0.087 U	ug/l	0.35 U	ug/l	5 U	ug/l
Cyanide																
Iron	25 U	ug/l	6.9 U	ug/l	160	ug/l	6.9 U	ug/l	170	ug/l	17 U	ug/l	470	ug/l	30 J	ug/l
Lead	0.5 U	ug/l	5	ug/l	28	ug/l	5	ug/l	25	ug/l	5.4	ug/l	71	ug/l	5.4	ug/l
Lithium																
Magnesium	3000	ug/l	3500	ug/l	3400	ug/l	3600	ug/l	3500	ug/l	3400	ug/l	3300	ug/l	2000	ug/l
Manganese	5 U	ug/l	47	ug/l	46	ug/l	48	ug/l	47	ug/l	47	ug/l	56	ug/l	26	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l			0.2 U	ug/l	0.29	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5 U	ug/l
Potassium	720 J	ug/l	480 J	ug/l	450 J	ug/l	630 J	ug/l	470 J	ug/l	600 J	ug/l	510 J	ug/l	270 J	ug/l
Selenium	2 U	ug/l	0.36 U	ug/l	0.35 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	1.5 J	ug/l	0.36 U	ug/l	2 U	ug/l
Silicon																
Silver	5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l
Sodium	3500	ug/l	1600 J	ug/l	1400	ug/l	1600 J	ug/l	1500	ug/l	1600 J	ug/l	1500	ug/l	1200	ug/l
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.14 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.5 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l
Zinc	5 U	ug/l	820	ug/l	850	ug/l	800	ug/l	840	ug/l	840	ug/l	970	ug/l	780	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC436		CC437		CC437		CC437		CC437		CC437		CC437		CC438	
Location Cross Ref.			TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7		TAMARACK #7			
Location Type	River/Stream		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		River/Stream	
(Ref) Source/Lab	(23) URS/SWRI		(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(11) URS/LAUCKS	
Matrix Type	Surface Water		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Surface Water	
Depth Range in Ft.	-		127 - 127		127 - 127		127 - 127		127 - 127		127 - 127		127 - 127		-	
Sample Number	61458		49070		49070		61435		61435		61442		61442		49009	
Sample Date	12/04/1999		12/03/1998		12/03/1998		12/01/1999		12/01/1999		12/01/1999		12/01/1999		11/12/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	50 U	ug/l	68 U	ug/l	190 J	ug/l	170	ug/l	1700	ug/l	150	ug/l	1700	ug/l	68 U	ug/l
Antimony	3.6 J	ug/l	0.049 U	ug/l	0.3 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	6.2	ug/l
Arsenic	1 U	ug/l	0.35 U	ug/l	0.26 J	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.27 J	ug/l
Barium	29	ug/l	7.6 U	ug/l	17 J	ug/l	10 J	ug/l	32	ug/l	9.7 J	ug/l	32	ug/l	41	ug/l
Beryllium	1 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.28 U	ug/l
Cadmium	5.2	ug/l	0.079 U	ug/l	0.1 J	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	5 J	ug/l
Calcium	8100	ug/l	4000	ug/l	4400	ug/l	6400	ug/l	6800	ug/l	6500	ug/l	6900	ug/l	13000	ug/l
Chromium	5 U	ug/l	0.33 J	ug/l	2.9 J	ug/l	8.2	ug/l	28	ug/l	7.8	ug/l	28	ug/l	0.058 U	ug/l
Cobalt	5 U	ug/l	0.037 U	ug/l	0.52 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	0.037 U	ug/l
Copper	5 U	ug/l	0.087 U	ug/l	2.7 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	0.22 U	ug/l
Cyanide																
Iron	130	ug/l	20 U	ug/l	160 J	ug/l	160	ug/l	2000	ug/l	130	ug/l	2000	ug/l	6.9 U	ug/l
Lead	14	ug/l	0.04 U	ug/l	1.3 J	ug/l	0.5 U	ug/l	2	ug/l	0.5 U	ug/l	2.1	ug/l	4.2	ug/l
Lithium																
Magnesium	2100	ug/l	790	ug/l	900	ug/l	1200	ug/l	1700	ug/l	1200	ug/l	1700	ug/l	3400	ug/l
Manganese	27	ug/l	5.1 U	ug/l	26	ug/l	7.6 J	ug/l	81	ug/l	5 U	ug/l	81	ug/l	46	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	9 J	ug/l	19 J	ug/l	6.4 J	ug/l	19 J	ug/l	5.7 U	ug/l
Potassium	320 J	ug/l	620 J	ug/l	790 U	ug/l	620 J	ug/l	1100	ug/l	670 J	ug/l	1100	ug/l	510 J	ug/l
Selenium	2 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	0.36 U	ug/l
Silicon																
Silver	5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	4.5 U	ug/l
Sodium	1100	ug/l	1900	ug/l	2100 J	ug/l	2500	ug/l	2400	ug/l	2400	ug/l	2700	ug/l	1500 J	ug/l
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.75 J	ug/l	0.11 J	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.03 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	3.2 U	ug/l
Zinc	810	ug/l	1.6 J	ug/l	3.5 J	ug/l	5 U	ug/l	6.3	ug/l	5 U	ug/l	7.3	ug/l	780	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC438			CC438			CC438			CC438			CC438			CC439			CC439			CC439		
Location Cross Ref.																								
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(11) URS/LAUCKS			(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(23) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	49009			61468			61468			61469			61469			48864			48864			61471		
Sample Date	11/12/1998			12/04/1999			12/04/1999			12/04/1999			12/04/1999			11/13/1998			11/13/1998			12/04/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	68	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	68	U	ug/l	68	U	ug/l	50	U	ug/l
Antimony	6.3		ug/l	3.3	J	ug/l	3.3	J	ug/l	3.3	J	ug/l	3.3	J	ug/l	6		ug/l	6.5		ug/l	3.4	J	ug/l
Arsenic	0.46	J	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.35	J	ug/l	0.89	J	ug/l	1	U	ug/l
Barium	42		ug/l	28		ug/l	29		ug/l	28		ug/l	29		ug/l	41		ug/l	43		ug/l	28		ug/l
Beryllium	0.28	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	1	U	ug/l
Cadmium	5.4		ug/l	4.7		ug/l	4.7		ug/l	4.6		ug/l	4.7		ug/l	5.6	J	ug/l	6.6		ug/l	4.6		ug/l
Calcium	13000		ug/l	8000		ug/l	7600		ug/l	8000		ug/l	7600		ug/l	13000		ug/l	13000		ug/l	7900		ug/l
Chromium	0.058	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.058	U	ug/l	0.14	J	ug/l	5	U	ug/l
Cobalt	0.037	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.13	U	ug/l	0.2	U	ug/l	5	U	ug/l
Copper	0.087	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.36	U	ug/l	0.61	U	ug/l	5	U	ug/l
Cyanide																								
Iron	210		ug/l	29	J	ug/l	110		ug/l	25	U	ug/l	100		ug/l	6.9	U	ug/l	510		ug/l	46	J	ug/l
Lead	22		ug/l	5.8		ug/l	14		ug/l	5.9		ug/l	13		ug/l	5.9		ug/l	80		ug/l	8		ug/l
Lithium																								
Magnesium	3500		ug/l	2100		ug/l	2000		ug/l	2100		ug/l	2000		ug/l	3300		ug/l	3300		ug/l	2100		ug/l
Manganese	47		ug/l	26		ug/l	25		ug/l	26		ug/l	25		ug/l	46		ug/l	59		ug/l	25		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5.7	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5	U	ug/l
Potassium	520	J	ug/l	390	J	ug/l	330	J	ug/l	360	J	ug/l	350	J	ug/l	540	J	ug/l	470	J	ug/l	340	J	ug/l
Selenium	0.36	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	2	U	ug/l
Silicon																								
Silver	4.5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	5	U	ug/l
Sodium	1500		ug/l	1100		ug/l	1100		ug/l	1100		ug/l	1200		ug/l	1600	J	ug/l	1500		ug/l	1100		ug/l
Strontium																								
Sulfur																								
Thallium	0.03	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.5	U	ug/l
Titanium																								
Uranium																								
Vanadium	3.2	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	5	U	ug/l
Zinc	820		ug/l	780		ug/l	720		ug/l	770		ug/l	720		ug/l	920		ug/l	980		ug/l	770		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC439		CC440		CC440		CC440		CC440		CC441		CC441		CC441	
Location Cross Ref.			FRISCO		FRISCO		FRISCO		FRISCO		FRISCO-BLACK BEAR		FRISCO-BLACK BEAR		FRISCO-BLACK BEAR	
Location Type	River/Stream		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(23) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(23) URS/SWRI	
Matrix Type	Surface Water		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	-		18 - 18		18 - 18		18 - 18		18 - 18		15 - 15		15 - 15		15 - 15	
Sample Number	61471		49080		49080		61446		61446		49114		49114		61397	
Sample Date	12/04/1999		12/05/1998		12/05/1998		12/03/1999		12/03/1999		12/05/1998		12/05/1998		12/03/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	51 J	ug/l	120	ug/l	2100	ug/l	50 U	ug/l	100	ug/l	50 U	ug/l	110	ug/l	50 U	ug/l
Antimony	3.5 J	ug/l	1 U	ug/l	1 U	ug/l	2 U	ug/l	2 U	ug/l	1.4 J	ug/l	1.4 J	ug/l	2 U	ug/l
Arsenic	1 U	ug/l	1 U	ug/l	1 UJ	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Barium	29	ug/l	57	ug/l	97	ug/l	70	ug/l	77	ug/l	52	ug/l	54	ug/l	74	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	4.9	ug/l	6.2	ug/l	7.3	ug/l	9.3	ug/l	9.7	ug/l	9.2	ug/l	9.4	ug/l	6.5	ug/l
Calcium	7600	ug/l	6800	ug/l	7700	ug/l	9400	ug/l	10000	ug/l	8800	ug/l	9000	ug/l	14000	ug/l
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cyanide																
Iron	110	ug/l	67 J	ug/l	1900	ug/l	25 U	ug/l	57 J	ug/l	50 U	ug/l	80 J	ug/l	25 U	ug/l
Lead	14	ug/l	1 U	ug/l	19	ug/l	0.5 U	ug/l	0.8 J	ug/l	8.2	ug/l	9.9	ug/l	1.9 J	ug/l
Lithium																
Magnesium	2000	ug/l	1200	ug/l	1500	ug/l	1500	ug/l	1700	ug/l	1800	ug/l	1900	ug/l	2300	ug/l
Manganese	25	ug/l	81	ug/l	150	ug/l	5 U	ug/l	5 U	ug/l	7.6 J	ug/l	8.5 J	ug/l	5 U	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	320 J	ug/l	740 J	ug/l	1200	ug/l	1200	ug/l	1400	ug/l	890	ug/l	920	ug/l	710 J	ug/l
Selenium	2 U	ug/l	1 U	ug/l	1 UJ	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l	2 U	ug/l
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	1200	ug/l	4100	ug/l	4200	ug/l	2200	ug/l	2300	ug/l	7400	ug/l	7400	ug/l	8000	ug/l
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	1 U	ug/l	1 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	1 U	ug/l	1 U	ug/l	0.5 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	730	ug/l	930	ug/l	1100	ug/l	1500	ug/l	1700	ug/l	1200	ug/l	1200	ug/l	840	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC441			CC443			CC443			CC444			CC444			CC449			CC449			CC449		
Location Cross Ref.	FRISCO-BLACK BEAR															GEM			GEM			GEM		
Location Type	Monitoring Well			River/Stream			River/Stream			River/Stream			River/Stream			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS		
Matrix Type	Groundwater			Surface Water			Surface Water			Surface Water			Surface Water			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	15 - 15			-			-			-			-			36 - 36			36 - 36			19 - 19		
Sample Number	61397			49015			49015			49016			49016			49115			49115			49116		
Sample Date	12/03/1999			11/13/1998			11/13/1998			11/13/1998			11/13/1998			12/07/1998			12/07/1998			12/07/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	68	U	ug/l	88	J	ug/l	68	U	ug/l	110		ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l
Antimony	2	U	ug/l	6.1		ug/l	9.3		ug/l	6.2		ug/l	9.7		ug/l	0.41	U	ug/l	0.37	U	ug/l	0.44	U	ug/l
Arsenic	1	U	ug/l	0.36	J	ug/l	1.6	J	ug/l	0.2	U	ug/l	1.7	J	ug/l	0.2	U	ug/l	0.41	U	ug/l	0.2	U	ug/l
Barium	75		ug/l	38		ug/l	41		ug/l	36		ug/l	41		ug/l	9	J	ug/l	8.5	U	ug/l	8.5	J	ug/l
Beryllium	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l
Cadmium	6.3		ug/l	10	J	ug/l	11		ug/l	9.7	J	ug/l	11		ug/l	1.4		ug/l	1.3		ug/l	1.2		ug/l
Calcium	14000		ug/l	12000		ug/l	12000		ug/l	12000		ug/l	12000		ug/l	7100		ug/l	7100		ug/l	6600		ug/l
Chromium	7		ug/l	0.058	U	ug/l	0.11	J	ug/l	0.058	U	ug/l	0.16	J	ug/l	0.058	U	ug/l	0.1	J	ug/l	0.058	U	ug/l
Cobalt	5	U	ug/l	0.17	U	ug/l	0.51	J	ug/l	0.18	U	ug/l	0.49	J	ug/l	0.84	J	ug/l	0.037	U	ug/l	0.26	J	ug/l
Copper	5	U	ug/l	0.62	U	ug/l	5.6		ug/l	0.57	U	ug/l	6.5		ug/l	0.087	U	ug/l	0.087	U	ug/l	0.087	U	ug/l
Cyanide																								
Iron	34	J	ug/l	6.9	U	ug/l	870		ug/l	6.9	U	ug/l	1000		ug/l	6.9	U	ug/l	6.9	U	ug/l	6.9	U	ug/l
Lead	2.8		ug/l	16		ug/l	320		ug/l	16		ug/l	380		ug/l	0.04	U	ug/l	0.31	U	ug/l	0.04	U	ug/l
Lithium																								
Magnesium	2300		ug/l	3100		ug/l	3000		ug/l	2900		ug/l	3000		ug/l	1300		ug/l	1400		ug/l	1200		ug/l
Manganese	5	U	ug/l	45		ug/l	95		ug/l	43		ug/l	110		ug/l	2.6	J	ug/l	1.5	U	ug/l	1.5	U	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2		ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l
Potassium	770		ug/l	550	J	ug/l	570	J	ug/l	600	J	ug/l	490	J	ug/l	730	J	ug/l	730	J	ug/l	500	J	ug/l
Selenium	2	U	ug/l	0.36	U	ug/l	0.48	U	ug/l	0.33	J	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.47	J	ug/l
Silicon																								
Silver	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l
Sodium	7800		ug/l	1500	J	ug/l	1400		ug/l	1500	J	ug/l	1500		ug/l	1500		ug/l	1500	J	ug/l	1400		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l
Zinc	820		ug/l	1400		ug/l	1500		ug/l	1300		ug/l	1500		ug/l	220		ug/l	230		ug/l	230		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC449			CC449			CC449			CC449			CC449			CC451			CC451			CC451		
Location Cross Ref.	GEM			GEM			GEM			GEM			GEM			CC FLOODPLAIN #3			CC FLOODPLAIN #3			CC FLOODPLAIN #3		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(23) URS/SWRI			(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	19 - 19			13 - 13			13 - 13			13 - 13			13 - 13			37 - 37			37 - 37			15.5 - 15.5		
Sample Number	49116			49117			49117			61454			61454			49133			49133			49134		
Sample Date	12/07/1998			12/07/1998			12/07/1998			12/03/1999			12/03/1999			12/07/1998			12/07/1998			12/07/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	68	U	ug/l	68	U	ug/l	68	U	ug/l	50	U	ug/l	50	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l
Antimony	0.39	U	ug/l	0.86	U	ug/l	0.36	U	ug/l	2	U	ug/l	2	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l
Arsenic	0.2	U	ug/l	0.24	U	ug/l	0.21	U	ug/l	1	U	ug/l	1	U	ug/l	0.2	U	ug/l	0.33	U	ug/l	0.2	U	ug/l
Barium	8.7	U	ug/l	8.4	J	ug/l	8.7	U	ug/l	7.8	J	ug/l	8.4	J	ug/l	18	J	ug/l	20	J	ug/l	21		ug/l
Beryllium	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	1	U	ug/l	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l
Cadmium	1.1		ug/l	1.1		ug/l	1.1		ug/l	0.78	J	ug/l	0.76	J	ug/l	4.7		ug/l	4.8		ug/l	4.6		ug/l
Calcium	6900		ug/l	6900		ug/l	6800		ug/l	6700		ug/l	7100		ug/l	5600		ug/l	5700		ug/l	5900		ug/l
Chromium	0.1	J	ug/l	0.058	U	ug/l	0.058	U	ug/l	5	U	ug/l	5	U	ug/l	0.18	J	ug/l	0.26	J	ug/l	0.2	J	ug/l
Cobalt	0.037	U	ug/l	0.22	J	ug/l	0.037	U	ug/l	5	U	ug/l	5	U	ug/l	1.6	J	ug/l	0.037	U	ug/l	1.9	J	ug/l
Copper	0.087	U	ug/l	0.087	U	ug/l	0.087	U	ug/l	5	U	ug/l	5	U	ug/l	0.89	J	ug/l	0.91	J	ug/l	0.91	J	ug/l
Cyanide																								
Iron	6.9	U	ug/l	6.9	U	ug/l	6.9	U	ug/l	25	U	ug/l	25	U	ug/l	6.9	U	ug/l	32	J	ug/l	14	J	ug/l
Lead	0.3	U	ug/l	0.04	U	ug/l	0.18	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	9.2		ug/l	14		ug/l	11		ug/l
Lithium																								
Magnesium	1300		ug/l	1300		ug/l	1300		ug/l	1200		ug/l	1300		ug/l	1700		ug/l	1700		ug/l	1800		ug/l
Manganese	1.5	U	ug/l	1.5	U	ug/l	1.5	U	ug/l	5	U	ug/l	5	U	ug/l	11		ug/l	9.6	J	ug/l	14		ug/l
Mercury	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l
Molybdenum																								
Nickel	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5	U	ug/l	5	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l
Potassium	690	U	ug/l	590	J	ug/l	740	J	ug/l	600	J	ug/l	670	J	ug/l	890		ug/l	1100		ug/l	990		ug/l
Selenium	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	2	U	ug/l	2	U	ug/l	0.63	J	ug/l	0.36	U	ug/l	0.36	U	ug/l
Silicon																								
Silver	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	5	U	ug/l	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l
Sodium	1500	J	ug/l	1500		ug/l	1500	J	ug/l	1300		ug/l	1400		ug/l	3000		ug/l	3100	J	ug/l	3200		ug/l
Strontium																								
Sulfur																								
Thallium	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l
Titanium																								
Uranium																								
Vanadium	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l
Zinc	210		ug/l	210		ug/l	190		ug/l	120		ug/l	120		ug/l	520		ug/l	500		ug/l	530		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC451		CC451		CC451		CC451		CC451		CC484		CC484		CC484	
Location Cross Ref.	CC FLOODPLAIN #3		CC FLOODPLAIN #3		CC FLOODPLAIN #3		CC FLOODPLAIN #3		CC FLOODPLAIN #3							
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI		(23) URS/SWRI		(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	15.5 - 15.5		9.5 - 9.5		9.5 - 9.5		9.5 - 9.5		9.5 - 9.5		-		-		-	
Sample Number	49134		49135		49135		61417		61417		48865		48865		61416	
Sample Date	12/07/1998		12/07/1998		12/07/1998		12/03/1999		12/03/1999		11/13/1998		11/13/1998		12/03/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	68 U	ug/l	68 U	ug/l	68 U	ug/l	50 U	ug/l	50 U	ug/l	68 U	ug/l	120	ug/l	50 U	ug/l
Antimony	0.15 U	ug/l	0.14 U	ug/l	0.14 U	ug/l	2 U	ug/l	2 U	ug/l	6	ug/l	9	ug/l	4 J	ug/l
Arsenic	0.39 U	ug/l	0.2 U	ug/l	0.32 U	ug/l	1 U	ug/l	1 U	ug/l	0.2 U	ug/l	1.7 J	ug/l	1 U	ug/l
Barium	21	ug/l	19 J	ug/l	20 J	ug/l	28	ug/l	29	ug/l	37	ug/l	40	ug/l	27	ug/l
Beryllium	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	1 U	ug/l	1 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	1 U	ug/l
Cadmium	4.5	ug/l	4.9	ug/l	4.4	ug/l	6.5	ug/l	6.7	ug/l	10 J	ug/l	12	ug/l	7.1	ug/l
Calcium	5800	ug/l	5700	ug/l	5700	ug/l	9300	ug/l	9700	ug/l	12000	ug/l	12000	ug/l	8300	ug/l
Chromium	0.21 J	ug/l	0.058 U	ug/l	0.21 J	ug/l	5 U	ug/l	5 U	ug/l	0.17 U	ug/l	0.21 J	ug/l	5 U	ug/l
Cobalt	0.037 U	ug/l	1.3 J	ug/l	0.037 U	ug/l	5 U	ug/l	5 U	ug/l	0.3 U	ug/l	0.59 J	ug/l	5 U	ug/l
Copper	0.81 J	ug/l	1 J	ug/l	0.84 J	ug/l	5 U	ug/l	5 U	ug/l	0.59 U	ug/l	6.2	ug/l	5 U	ug/l
Cyanide																
Iron	17 J	ug/l	6.9 U	ug/l	11 J	ug/l	25 U	ug/l	34 J	ug/l	6.9 U	ug/l	1100	ug/l	35 J	ug/l
Lead	11	ug/l	10	ug/l	11	ug/l	7.5	ug/l	8.7	ug/l	13	ug/l	320	ug/l	10	ug/l
Lithium																
Magnesium	1800	ug/l	1700	ug/l	1800	ug/l	2600	ug/l	2700	ug/l	3000	ug/l	3000	ug/l	2000	ug/l
Manganese	11	ug/l	8.7 J	ug/l	5 J	ug/l	5 U	ug/l	5 U	ug/l	89	ug/l	140	ug/l	62	ug/l
Mercury	0.2 UJ	ug/l	0.2 UJ	ug/l	0.2 UJ	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5.7 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5 U	ug/l	5 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5 U	ug/l
Potassium	910	ug/l	900	ug/l	970	ug/l	1100	ug/l	1200	ug/l	610 J	ug/l	560 J	ug/l	470 J	ug/l
Selenium	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	2 U	ug/l	2 U	ug/l	0.36 U	ug/l	0.37 U	ug/l	2 U	ug/l
Silicon																
Silver	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l
Sodium	3100 J	ug/l	3100	ug/l	3200 J	ug/l	3700	ug/l	3700	ug/l	1600 J	ug/l	1600	ug/l	1300	ug/l
Strontium																
Sulfur																
Thallium	0.03 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.5 U	ug/l
Titanium																
Uranium																
Vanadium	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l	5 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l
Zinc	500	ug/l	520	ug/l	500	ug/l	730	ug/l	750	ug/l	1500	ug/l	1700	ug/l	1200	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC484			CC485			CC485			CC485			CC485			CC486			CC486			CC817		
Location Cross Ref.																						STAR UNPERMITTED		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			Outfall/Discharge		
(Ref) Source/Lab	(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(23) URS/SWRI			(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(8) EPAREG10/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	61416			49013			49013			61449			61449			49014			49014			173203		
Sample Date	12/03/1999			11/13/1998			11/13/1998			12/03/1999			12/03/1999			11/13/1998			11/13/1998			04/02/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	68	U	ug/l	68	U	ug/l	50	U	ug/l	50	U	ug/l	68	U	ug/l	68	U	ug/l			
Antimony	4.1	J	ug/l	6.4		ug/l	6.9		ug/l	4	J	ug/l	4	J	ug/l	6.7		ug/l	7.8		ug/l			
Arsenic	1	U	ug/l	0.24	J	ug/l	0.67	J	ug/l	1	U	ug/l	1	U	ug/l	0.24	J	ug/l	1.2	J	ug/l			
Barium	29		ug/l	42		ug/l	41		ug/l	26		ug/l	28		ug/l	40		ug/l	43		ug/l			
Beryllium	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	1	U	ug/l	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l			
Cadmium	7.3		ug/l	7	J	ug/l	7.4		ug/l	5.8		ug/l	5.7		ug/l	7.4	J	ug/l	8.3		ug/l	5	U	ug/l
Calcium	8500		ug/l	13000		ug/l	13000		ug/l	7800		ug/l	8000		ug/l	13000		ug/l	13000		ug/l			
Chromium	5	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	5	U	ug/l	5	U	ug/l	0.058	U	ug/l	0.098	J	ug/l			
Cobalt	5	U	ug/l	0.1	U	ug/l	0.15	U	ug/l	5	U	ug/l	5	U	ug/l	0.12	U	ug/l	0.27	U	ug/l			
Copper	5	U	ug/l	0.087	U	ug/l	0.92	U	ug/l	5	U	ug/l	1000		ug/l	0.2	U	ug/l	2.3	J	ug/l	5	U	ug/l
Cyanide																								
Iron	110		ug/l	6.9	U	ug/l	400		ug/l	32	J	ug/l	110		ug/l	6.9	U	ug/l	480		ug/l			
Lead	24		ug/l	7.8		ug/l	120		ug/l	7.8		ug/l	21		ug/l	11		ug/l	180		ug/l	6.4		ug/l
Lithium																								
Magnesium	2100		ug/l	3300		ug/l	3200		ug/l	2000		ug/l	2000		ug/l	3300		ug/l	3200		ug/l			
Manganese	65		ug/l	43		ug/l	57		ug/l	22		ug/l	24		ug/l	45		ug/l	66		ug/l	650		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5	U	ug/l	5	U	ug/l	5.7	U	ug/l	5.7	U	ug/l			
Potassium	510	J	ug/l	590	J	ug/l	470	J	ug/l	490	J	ug/l	290	J	ug/l	600	J	ug/l	460	J	ug/l			
Selenium	2	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	2	U	ug/l	2	U	ug/l	0.36	U	ug/l	0.42	U	ug/l			
Silicon																								
Silver	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	5	U	ug/l	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	1	U	ug/l
Sodium	1300		ug/l	1600	J	ug/l	1500		ug/l	1200		ug/l	1200		ug/l	1600	J	ug/l	1500		ug/l			
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.03	U	ug/l	0.03	U	ug/l			
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l			
Zinc	1300		ug/l	1000		ug/l	1100		ug/l	890		ug/l	1600		ug/l	1100		ug/l	1200		ug/l	70		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg04

Site Location	CC817
Location Cross Ref.	STAR UNPERMITTED
Location Type	Outfall/Discharge
(Ref) Source/Lab	(8) EPAREG10/OTHER
Matrix Type	Surface Water
Depth Range in Ft.	-
Sample Number	173237
Sample Date	03/24/1998
Sample Type	Environ. Sample
Analytical Method	6010

Analyte	Value	Q	Unit
Aluminum			
Antimony	45	U	ug/l
Arsenic	40	U	ug/l
Barium			
Beryllium			
Cadmium	2	U	ug/l
Calcium	49000		ug/l
Chromium			
Cobalt			
Copper	3	U	ug/l
Cyanide			
Iron			
Lead	25	U	ug/l
Lithium			
Magnesium	17000		ug/l
Manganese	720		ug/l
Mercury	0.2	U	ug/l
Molybdenum			
Nickel			
Potassium			
Selenium	100	U	ug/l
Silicon			
Silver	4	U	ug/l
Sodium			
Strontium			
Sulfur			
Thallium			
Titanium			
Uranium			
Vanadium			
Zinc	58		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC17	CC17	CC17	CC17	CC17	CC17	CC17	CC19
Location Cross Ref.	CC-25	CC-25	CC-25	CC-25	CC-25	CC-25	CC-25	SPTP-1
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	Spring/Seep
(Ref) Source/Lab	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(11) URS/SWRI	(11) URS/SWRI	(4) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172149	172149	172149	172149	172149	49019	49019	172043
Sample Date	10/05/1991	10/05/1991	10/05/1991	10/05/1991	10/05/1991	11/14/1998	11/14/1998	05/17/1991
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	7131	7421	D6010	D7421	DIN-CLP-LOW	IN-CLP-LOW	6010

Analyte	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit
Aluminum																50	U	ug/l	51	J	ug/l			
Antimony																6.3		ug/l	7.6		ug/l			
Arsenic																1.4	J	ug/l	1	U	ug/l			
Barium																43		ug/l	45		ug/l			
Beryllium																1	U	ug/l	1	U	ug/l			
Cadmium				0.0086		mg/l				0.008		mg/l				18		ug/l	20		ug/l			
Calcium																14000		ug/l	15000		ug/l			
Chromium																5	U	ug/l	5	U	ug/l			
Cobalt																5	U	ug/l	5	U	ug/l			
Copper																5	U	ug/l	5	U	ug/l			
Cyanide																								
Iron																56	J	ug/l	370		ug/l			
Lead							0.035		mg/l				0.007		mg/l	30		ug/l	130		ug/l			
Lithium																								
Magnesium																3500		ug/l	3700		ug/l			
Manganese																90		ug/l	100		ug/l			
Mercury																0.2	U	ug/l	0.2	U	ug/l			
Molybdenum																								
Nickel																5	U	ug/l	5	U	ug/l			
Potassium																610	J	ug/l	620	J	ug/l			
Selenium																1	U	ug/l	1	U	ug/l			
Silicon																								
Silver																5	U	ug/l	5	U	ug/l			
Sodium																1700		ug/l	1800		ug/l			
Strontium																								
Sulfur																								
Thallium																1	U	ug/l	1	U	ug/l			
Titanium																								
Uranium																								
Vanadium																5	U	ug/l	5	U	ug/l			
Zinc	1.6		mg/l							1.5		mg/l				2600		ug/l	2700		ug/l	1.4		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC19			CC19			CC19			CC19			CC19			CC19			CC19			CC19		
Location Cross Ref.	SPTP-1			SPTP-1			SPTP-1			SPTP-1			SPTP-1			SPTP-1			SPTP-1			SPTP-1		
Location Type	Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172043			172043			172043			172043			172151			172151			172151			172151		
Sample Date	05/17/1991			05/17/1991			05/17/1991			05/17/1991			10/05/1991			10/05/1991			10/05/1991			10/05/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7131			7421			D6010			D7421			6010			7131			7421			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0072		mg/l				0.0056		mg/l							0.0066		mg/l				0.0064		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.037		mg/l				0.014		mg/l							0.037		mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							1.4		mg/l				1.2		mg/l							1.2		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC19			CC20			CC20			CC20			CC20			CC20			CC23			CC23		
Location Cross Ref.	SPTP-1			WPSEEP-1			WPSEEP-1			WPSEEP-1			WPSEEP-1			WPSEEP-1			CC-10B/CC-10A			CC-10B/CC-10A		
Location Type	Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172151			172152			172152			172152			172152			172152			172011			172011		
Sample Date	10/05/1991			10/05/1991			10/05/1991			10/05/1991			10/05/1991			10/05/1991			05/15/1991			05/15/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D7421			6010			7131			7421			D6010			D7421			6010			7131		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium							0.4		mg/l				0.39		mg/l							0.0057		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.011		mg/l							1.6		mg/l				1.5		mg/l						
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				35		mg/l							3.8		mg/l				0.92		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC23			CC23			CC23			CC23			CC23			CC23			CC23			CC23		
Location Cross Ref.	CC-10B/CC-10A			CC-10B/CC-10A			CC-10B/CC-10A			CC-10B/CC-10A			CC-10B/CC-10A			CC-10B/CC-10A			CC-10B/CC-10A			CC-10B/CC-10A		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172011			172011			172011			172012			172012			172012			172012			172012		
Sample Date	05/15/1991			05/15/1991			05/15/1991			05/17/1991			05/17/1991			05/17/1991			05/17/1991			05/17/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7421			D6010			D7421			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0055		mg/l							0.006		mg/l				0.0045		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.038		mg/l				0.013		mg/l							0.03		mg/l				0.005		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.99		mg/l				0.88		mg/l							0.91		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC23			CC23			CC23			CC23			CC23			CC23			CC23			CC23		
Location Cross Ref.	CC-10B/CC-10A			CC-10B/CC-10A			CC-10B/CC-10A			CC-10B/CC-10A			CC-10B/CC-10A			CC-10B/CC-10A			CC-10B/CC-10A			CC-10B/CC-10A		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172013			172013			172013			172013			172013			172079			172079			172079		
Sample Date	05/18/1991			05/18/1991			05/18/1991			05/18/1991			05/18/1991			10/04/1991			10/04/1991			10/04/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.011		mg/l				0.0048		mg/l							0.01		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							1.5		mg/l				0.013		mg/l							0.057		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.9		mg/l							0.93		mg/l				3.6		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC23	CC23	CC23	CC23	CC23	CC23	CC23	CC23
Location Cross Ref.	CC-10B/CC-10A	CC-10B/CC-10A	CC-10B/CC-10A	CC-10B/CC-10A	CC-10B/CC-10A	CC-10B/CC-10A	CC-10B/CC-10A	CC-10B/CC-10A
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172079	172079	172160	172160	172160	172160	172160	172155
Sample Date	10/04/1991	10/04/1991	10/04/1991	10/04/1991	10/04/1991	10/04/1991	10/04/1991	10/05/1991
Sample Type	Environ. Sample	Environ. Sample	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Environ. Sample
Analytical Method	D6010	D7421	6010	7131	7421	D6010	D7421	6010

Analyte	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit
Aluminum																					
Antimony																					
Arsenic																					
Barium																					
Beryllium																					
Cadmium	0.019		mg/l							0.01		mg/l				0.019		mg/l			
Calcium																					
Chromium																					
Cobalt																					
Copper																					
Cyanide																					
Iron																					
Lead				0.018		mg/l							0.057		mg/l				0.018		mg/l
Lithium																					
Magnesium																					
Manganese																					
Mercury																					
Molybdenum																					
Nickel																					
Potassium																					
Selenium																					
Silicon																					
Silver																					
Sodium																					
Strontium																					
Sulfur																					
Thallium																					
Titanium																					
Uranium																					
Vanadium																					
Zinc	3.6		mg/l				3.6		mg/l							3.6		mg/l				3.6		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC23	CC23	CC23	CC23	CC23	CC23	CC23	CC23
Location Cross Ref.	CC-10B/CC-10A	CC-10B/CC-10A	CC-10B/CC-10A	CC-10B/CC-10A	CC-10B/CC-10A	CC-10B/CC-10A	CC-10B/CC-10A	CC-10B/CC-10A
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172155	172155	172155	172155	172161	172161	172161	172161
Sample Date	10/05/1991	10/05/1991	10/05/1991	10/05/1991	10/05/1991	10/05/1991	10/05/1991	10/05/1991
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate
Analytical Method	7131	7421	D6010	D7421	6010	7131	7421	D6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium	0.019 mg/l		0.02 mg/l			0.019 mg/l		0.02 mg/l
Calcium								
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead		0.052 mg/l		0.02 mg/l			0.052 mg/l	
Lithium								
Magnesium								
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc			3.7 mg/l		3.6 mg/l			3.7 mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC23		CC283		CC283		CC283		CC283		CC283		CC283		CC284	
Location Cross Ref.	CC-10B/CC-10A		CC283		CC283		CC283		CC283		CC283		CC283		CC284/CC-30/CC-2	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(5) MFG/OTHER		(2) URS/MEL		(2) URS/LAUCKS		(2) URS/LAUCKS		(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI		(4) MFG/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172161		168485		168485		168590		168590		46573		46573		172041	
Sample Date	10/05/1991		11/09/1997		11/09/1997		01/13/1998		01/13/1998		05/15/1998		05/15/1998		05/17/1991	
Sample Type	Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D7421		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum			20 U	ug/l	38 U	ug/l	130	ug/l	200 J	ug/l	50 U	ug/l	50 U	ug/l		
Antimony			4.2	ug/l	4.7 J	ug/l	4.9 J	ug/l	5.4	ug/l	1.3	ug/l	1.5	ug/l		
Arsenic			0.25	ug/l	0.51 U	ug/l	0.12 U	ug/l	0.34 J	ug/l	1 U	ug/l	1 U	ug/l		
Barium			28	ug/l	28	ug/l	31	ug/l	33	ug/l	16	ug/l	17	ug/l		
Beryllium			1 U	ug/l	0.35 U	ug/l	0.26 U	ug/l	0.26 U	ug/l	1 U	ug/l	1 U	ug/l		
Cadmium			8.6	ug/l	7.8	ug/l	13	ug/l	13	ug/l	2.4	ug/l	2.5	ug/l		
Calcium			8800	ug/l	8100	ug/l	11000	ug/l	11000	ug/l	3400	ug/l	3700	ug/l		
Chromium			5 U	ug/l	6 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l	5 U	ug/l		
Cobalt			5 U	ug/l	5 U	ug/l	3.9 U	ug/l	3.9 U	ug/l	5 U	ug/l	5 U	ug/l		
Copper			1.1	ug/l	1.8 J	ug/l	0.96 J	ug/l	1.8 J	ug/l	3 U	ug/l	3 U	ug/l		
Cyanide																
Iron			46	ug/l	130	ug/l	26	ug/l	140	ug/l	47	ug/l	93 U	ug/l		
Lead	0.02	mg/l	42	ug/l	66	ug/l	46	ug/l	92	ug/l	17	ug/l	30	ug/l		
Lithium																
Magnesium			2200	ug/l	2000	ug/l	2600	ug/l	2700	ug/l	850	ug/l	920	ug/l		
Manganese			67	ug/l	67	ug/l	71	ug/l	81	ug/l	31	ug/l	35	ug/l		
Mercury			0.2 U	ug/l	0.1 U	ug/l	0.1 UJ	ug/l	0.1 UJ	ug/l	0.2 U	ug/l	0.2 U	ug/l		
Molybdenum																
Nickel			0.72	ug/l	5 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	5 U	ug/l	5 U	ug/l		
Potassium			700 U	ug/l	550 J	ug/l	450 J	ug/l	520 J	ug/l	290	ug/l	300	ug/l		
Selenium			1 U	ug/l	0.21 U	ug/l	0.48 U	ug/l	0.48 U	ug/l	1 U	ug/l	1 U	ug/l		
Silicon																
Silver			0.03 U	ug/l	0.22 U	ug/l	0.11 U	ug/l	0.11 U	ug/l	0.3 U	ug/l	0.3 U	ug/l		
Sodium			1300	ug/l	1300	ug/l	1700 J	ug/l	1800 J	ug/l	700	ug/l	650	ug/l		
Strontium																
Sulfur																
Thallium			0.5 U	ug/l	0.017 U	ug/l	0.98 U	ug/l	0.005 U	ug/l	0.1 U	ug/l	0.1 U	ug/l		
Titanium																
Uranium																
Vanadium			3 U	ug/l	2 U	ug/l	2.9 U	ug/l	2.9 U	ug/l	5 U	ug/l	5 U	ug/l		
Zinc			1200	ug/l	1200	ug/l	1800	ug/l	2000	ug/l	330	ug/l	370	ug/l	0.48	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC284	CC284	CC284	CC284	CC284	CC284	CC284	CC284
Location Cross Ref.	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172041	172041	172041	172041	172148	172148	172148	172148
Sample Date	05/17/1991	05/17/1991	05/17/1991	05/17/1991	10/05/1991	10/05/1991	10/05/1991	10/05/1991
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	7131	7421	D6010	D7421	6010	7131	7421	D6010

Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.0033	mg/l			0.0025	mg/l					0.0076	mg/l			0.0075	mg/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead			0.021	mg/l			0.004	mg/l					0.029	mg/l		
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc					0.49	mg/l			1.3	mg/l					1	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC284		CC284		CC284		CC284		CC284		CC284		CC284		CC284	
Location Cross Ref.	CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(5) MFG/OTHER		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172148		173808		173808		173809		173809		173810		173810		173811	
Sample Date	10/05/1991		10/27/1993		10/27/1993		11/30/1993		11/30/1993		12/17/1993		12/17/1993		01/20/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D7421		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium			6.3	ug/l	6.3	ug/l	8.5	ug/l	8.5	ug/l	10	ug/l	11	ug/l	12	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	0.006	mg/l	45	ug/l	15	ug/l	43	ug/l	15	ug/l	36	ug/l	18	ug/l	40	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc			1100	ug/l	1100	ug/l	1600	ug/l	1700	ug/l	2100	ug/l	2100	ug/l	2300	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC284	CC284	CC284	CC284	CC284	CC284	CC284	CC284
Location Cross Ref.	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	173811	173812	173812	173813	173813	173814	173814	173815
Sample Date	01/20/1994	02/18/1994	02/18/1994	03/08/1994	03/08/1994	03/24/1994	03/24/1994	04/07/1994
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	D6010	6010	D6010	6010	D6010	6010	D6010	6010

Analyte	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	12	ug/l	11	ug/l	12	ug/l	15	ug/l	14	ug/l	15	ug/l	15	ug/l	7.9	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	18	ug/l	36	ug/l	13	ug/l	42	ug/l	25	ug/l	41	ug/l	25	ug/l	28	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	2300	ug/l	1900	ug/l	2000	ug/l	2400	ug/l	2400	ug/l	2400	ug/l	2500	ug/l	1300	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC284			CC284			CC284			CC284			CC284			CC284			CC284			CC284		
Location Cross Ref.	CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173815			173816			173816			173817			173817			173818			173818			173819		
Sample Date	04/07/1994			04/19/1994			04/19/1994			05/04/1994			05/04/1994			05/19/1994			05/19/1994			06/07/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	8.3		ug/l	5		ug/l	4.2		ug/l	3.9		ug/l	4.3		ug/l	3.3		ug/l	2.8		ug/l	5.6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	18		ug/l	190		ug/l	13		ug/l	25		ug/l	16		ug/l	14		ug/l	15		ug/l	24		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1300		ug/l	700		ug/l	610		ug/l	590		ug/l	590		ug/l	470		ug/l	480		ug/l	730		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC284			CC284			CC284			CC284			CC284			CC284			CC284			CC284		
Location Cross Ref.	CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173819			173820			173820			173821			173821			173822			173822			173823		
Sample Date	06/07/1994			06/23/1994			06/23/1994			07/25/1994			07/25/1994			08/16/1994			08/16/1994			09/13/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	5.1		ug/l	5.6		ug/l	5.6		ug/l	6.9		ug/l	6		ug/l	7.4		ug/l	7.2		ug/l	6.2		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	17		ug/l	33		ug/l	20		ug/l	31		ug/l	18		ug/l	39		ug/l	17		ug/l	40		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	730		ug/l	740		ug/l	730		ug/l	980		ug/l	970		ug/l	1100		ug/l	1100		ug/l	800		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC284	CC284	CC284	CC284	CC284	CC284	CC284	CC284
Location Cross Ref.	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	173823	173824	173824	173825	173825	173826	173826	173827
Sample Date	09/13/1994	10/06/1994	10/06/1994	11/16/1994	11/16/1994	12/13/1994	12/13/1994	01/10/1995
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	D6010	6010	D6010	6010	D6010	6010	D6010	6010

Analyte	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit
Aluminum																					
Antimony																					
Arsenic																					
Barium																					
Beryllium																					
Cadmium	5.8		ug/l	8.8		ug/l	7.1		ug/l	11		ug/l	12		ug/l	13		ug/l	15		ug/l	18		ug/l
Calcium																					
Chromium																					
Cobalt																					
Copper																					
Cyanide																					
Iron																					
Lead	10		ug/l	31		ug/l	10		ug/l	30		ug/l	14		ug/l	31		ug/l	14		ug/l	82		ug/l
Lithium																					
Magnesium																					
Manganese																					
Mercury																					
Molybdenum																					
Nickel																					
Potassium																					
Selenium																					
Silicon																					
Silver																					
Sodium																					
Strontium																					
Sulfur																					
Thallium																					
Titanium																					
Uranium																					
Vanadium																					
Zinc	710		ug/l	1100		ug/l	1100		ug/l	2000		ug/l	2000		ug/l	2500		ug/l	2500		ug/l	2700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC284			CC284			CC284			CC284			CC284			CC284			CC284			CC284		
Location Cross Ref.	CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173827			173828			173828			173829			173829			173830			173830			173831		
Sample Date	01/10/1995			02/09/1995			02/09/1995			03/08/1995			03/08/1995			03/22/1995			03/22/1995			04/12/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	16		ug/l	10		ug/l	9.8		ug/l	7.6		ug/l	6.8		ug/l	16		ug/l	12		ug/l	6.7		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	16		ug/l	28		ug/l	17		ug/l	21		ug/l	15		ug/l	42		ug/l	26		ug/l	27		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2700		ug/l	1700		ug/l	1700		ug/l	1100		ug/l	1100		ug/l	2200		ug/l	2000		ug/l	1200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC284			CC284			CC284			CC284			CC284			CC284			CC284			CC284		
Location Cross Ref.	CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173831			173832			173832			173833			173833			173834			173834			173835		
Sample Date	04/12/1995			04/25/1995			04/25/1995			05/10/1995			05/10/1995			05/23/1995			05/23/1995			06/13/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	6.7		ug/l	6.2		ug/l	5.8		ug/l	4		ug/l	4		ug/l	3.7		ug/l	3.4		ug/l	3		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1.5	U	ug/l	48		ug/l	18		ug/l	38		ug/l	12		ug/l	29		ug/l	18		ug/l	29		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1100		ug/l	1100		ug/l	960		ug/l	430		ug/l	400		ug/l	420		ug/l	420		ug/l	440		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC284			CC284			CC284			CC284			CC284			CC284			CC284			CC284		
Location Cross Ref.	CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2			CC284/CC-30/CC-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173835			173836			173836			173837			173837			173838			173838			173839		
Sample Date	06/13/1995			06/27/1995			06/27/1995			07/11/1995			07/11/1995			07/25/1995			07/25/1995			08/14/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.9		ug/l	4.1		ug/l	3.6		ug/l	5.1		ug/l	5		ug/l	6.2		ug/l	5.9		ug/l	6.7		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	23		ug/l	41		ug/l	16		ug/l	29		ug/l	20		ug/l	31		ug/l	22		ug/l	30		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	440		ug/l	580		ug/l	580		ug/l	790		ug/l	790		ug/l	820		ug/l	820		ug/l	1000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC284		CC284		CC284		CC284		CC284		CC284		CC284		CC284	
Location Cross Ref.	CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173839		173840		173840		173841		173841		173842		173842		173843	
Sample Date	08/14/1995		09/13/1995		09/13/1995		10/18/1995		10/18/1995		11/21/1995		11/21/1995		12/27/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	6.5	ug/l	6.8	ug/l	6.9	ug/l	8.5	ug/l	8.1	ug/l	4.8	ug/l	4.3	ug/l	7.4	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	19	ug/l	30	ug/l	14	ug/l	46	ug/l	16	ug/l	88	ug/l	16	ug/l	44	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1000	ug/l	930	ug/l	890	ug/l	1300	ug/l	1300	ug/l	820	ug/l	790	ug/l	1200	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC284	CC284	CC284	CC284	CC284	CC284	CC284	CC284
Location Cross Ref.	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2	CC284/CC-30/CC-2
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	173843	173844	173844	173845	173845	173846	173846	173847
Sample Date	12/27/1995	01/17/1996	01/17/1996	02/29/1996	02/29/1996	03/28/1996	03/28/1996	04/17/1996
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	D6010	6010	D6010	6010	D6010	6010	D6010	6010

Analyte	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit
Aluminum																					
Antimony																					
Arsenic																					
Barium																					
Beryllium																					
Cadmium	7.8		ug/l	14		ug/l	15		ug/l	6.7		ug/l	6.7		ug/l	21		ug/l	8.7		ug/l	410		ug/l
Calcium																					
Chromium																					
Cobalt																					
Copper																					
Cyanide																					
Iron																					
Lead	26		ug/l	210		ug/l	52		ug/l	48		ug/l	27		ug/l	2700		ug/l	190		ug/l	50		ug/l
Lithium																					
Magnesium																					
Manganese																					
Mercury																					
Molybdenum																					
Nickel																					
Potassium																					
Selenium																					
Silicon																					
Silver																					
Sodium																					
Strontium																					
Sulfur																					
Thallium																					
Titanium																					
Uranium																					
Vanadium																					
Zinc	1200		ug/l	2100		ug/l	2100		ug/l	1200		ug/l	1200		ug/l	1800		ug/l	1400		ug/l	690		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC284		CC284		CC284		CC284		CC284		CC284		CC284		CC284	
Location Cross Ref.	CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2		CC284/CC-30/CC-2	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(2) URS/MEL		(2) URS/LAUCKS		(2) URS/LAUCKS		(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI		(3) URS/SWRI	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173847		168486		168486		168591		168591		46571		46571		46572	
Sample Date	04/17/1996		11/09/1997		11/09/1997		01/13/1998		01/13/1998		05/15/1998		05/15/1998		05/15/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate	
Analytical Method	D6010		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum			20 U	ug/l	26 U	ug/l	200	ug/l	140 J	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Antimony			4.3	ug/l	4.8 J	ug/l	4.8 J	ug/l	5.7	ug/l	1.4	ug/l	1.6	ug/l	1.4	ug/l
Arsenic			0.24	ug/l	0.56 U	ug/l	0.12 U	ug/l	0.37 J	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Barium			28	ug/l	27	ug/l	33	ug/l	32	ug/l	16	ug/l	16	ug/l	16	ug/l
Beryllium			1 U	ug/l	0.35 U	ug/l	0.26 U	ug/l	0.26 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	410	ug/l	9	ug/l	7.7	ug/l	13	ug/l	14	ug/l	2.7	ug/l	2.8	ug/l	2.7	ug/l
Calcium			8800	ug/l	8200	ug/l	11000	ug/l	11000	ug/l	3300	ug/l	3700	ug/l	3300	ug/l
Chromium			5 U	ug/l	6 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt			5 U	ug/l	5 U	ug/l	3.9 U	ug/l	3.9 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper			1.1	ug/l	1.7 J	ug/l	1 J	ug/l	2.1 J	ug/l	3 U	ug/l	3 U	ug/l	3 U	ug/l
Cyanide																
Iron			44	ug/l	140	ug/l	37	ug/l	160	ug/l	33	ug/l	98 U	ug/l	37	ug/l
Lead	31	ug/l	43	ug/l	71	ug/l	47	ug/l	120	ug/l	19	ug/l	35	ug/l	18	ug/l
Lithium																
Magnesium			2200	ug/l	2000	ug/l	2700	ug/l	2600	ug/l	850	ug/l	920	ug/l	850	ug/l
Manganese			66	ug/l	68	ug/l	78	ug/l	85	ug/l	30	ug/l	34	ug/l	30	ug/l
Mercury			0.2 U	ug/l	0.1 U	ug/l	0.1 UJ	ug/l	0.1 UJ	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel			0.72	ug/l	5 U	ug/l	5	ug/l	4.3 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium			710	ug/l	300 J	ug/l	560 J	ug/l	480 J	ug/l	210	ug/l	290	ug/l	290	ug/l
Selenium			1 U	ug/l	0.25 U	ug/l	0.48 U	ug/l	0.48 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Silicon																
Silver			0.03 U	ug/l	0.22 U	ug/l	0.11 U	ug/l	0.11 U	ug/l	0.3 U	ug/l	0.3 U	ug/l	0.3 U	ug/l
Sodium			1300	ug/l	1200	ug/l	1900 J	ug/l	1800 J	ug/l	700	ug/l	690	ug/l	720	ug/l
Strontium																
Sulfur																
Thallium			0.5 U	ug/l	0.017 U	ug/l	0.84 U	ug/l	0.005 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l
Titanium																
Uranium																
Vanadium			3 U	ug/l	2 U	ug/l	2.9 U	ug/l	2.9 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	690	ug/l	1200	ug/l	1300	ug/l	2000	ug/l	2000	ug/l	350	ug/l	400	ug/l	360	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC284			CC285			CC285			CC285			CC285			CC285			CC285			CC285		
Location Cross Ref.	CC284/CC-30/CC-2			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46572			172042			172042			172042			172042			172042			172150			172150		
Sample Date	05/15/1998			05/17/1991			05/17/1991			05/17/1991			05/17/1991			05/17/1991			10/05/1991			10/05/1991		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			6010			7131			7421			D6010			D7421			6010			7131		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l																					
Antimony	1.6		ug/l																					
Arsenic	1	U	ug/l																					
Barium	17		ug/l																					
Beryllium	1	U	ug/l																					
Cadmium	2.8		ug/l				0.0037		mg/l				0.0027		mg/l							0.01		mg/l
Calcium	3700		ug/l																					
Chromium	5	U	ug/l																					
Cobalt	5	U	ug/l																					
Copper	3	U	ug/l																					
Cyanide																								
Iron	97	U	ug/l																					
Lead	36		ug/l							0.024		mg/l				0.004		mg/l						
Lithium																								
Magnesium	920		ug/l																					
Manganese	34		ug/l																					
Mercury	0.2	U	ug/l																					
Molybdenum																								
Nickel	5	U	ug/l																					
Potassium	250		ug/l																					
Selenium	1	U	ug/l																					
Silicon																								
Silver	0.3	U	ug/l																					
Sodium	670		ug/l																					
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l																					
Titanium																								
Uranium																								
Vanadium	5	U	ug/l																					
Zinc	400		ug/l	0.55		mg/l							0.56		mg/l				1.9		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285			CC285			CC285			CC285			CC285			CC285			CC285			CC285		
Location Cross Ref.	CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172150			172150			172150			174222			174222			174225			174225			174228		
Sample Date	10/05/1991			10/05/1991			10/05/1991			10/18/1995			10/18/1995			11/21/1995			11/21/1995			12/27/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7421			D6010			D7421			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.01		mg/l				11		ug/l	11		ug/l	6.8		ug/l	6.2		ug/l	9.9		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.034		mg/l				0.008		mg/l	86		ug/l	24		ug/l	210		ug/l	40		ug/l	46		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				1.7		mg/l				1600		ug/l	1600		ug/l	1000		ug/l	1000		ug/l	1600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285			CC285			CC285			CC285			CC285			CC285			CC285			CC285		
Location Cross Ref.	CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174228			174231			174231			174235			174235			174237			174237			174238		
Sample Date	12/27/1995			01/17/1996			01/17/1996			02/29/1996			02/29/1996			03/28/1996			03/28/1996			04/17/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	10		ug/l	17		ug/l	17		ug/l	8.6		ug/l	9		ug/l	30		ug/l	14		ug/l	6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	35		ug/l	120		ug/l	28		ug/l	61		ug/l	38		ug/l	2900		ug/l	580		ug/l	64		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1600		ug/l	2500		ug/l	2600		ug/l	1500		ug/l	1500		ug/l	2300		ug/l	1600		ug/l	850		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285			CC285			CC285			CC285			CC285			CC285			CC285			CC285		
Location Cross Ref.	CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174238			174240			174240			174242			174242			174244			174244			174245		
Sample Date	04/17/1996			05/08/1996			05/08/1996			06/19/1996			06/19/1996			07/24/1996			07/24/1996			08/21/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	6		ug/l	7		ug/l	7.2		ug/l	3.7		ug/l	3.7		ug/l	7.6		ug/l	7.2		ug/l	9.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	37		ug/l	54		ug/l	36		ug/l	53		ug/l	28		ug/l	290		ug/l	58		ug/l	300		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	840		ug/l	1100		ug/l	1100		ug/l	540		ug/l	550		ug/l	990		ug/l	910		ug/l	1200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285			CC285			CC285			CC285			CC285			CC285			CC285			CC285		
Location Cross Ref.	CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174245			174246			174246			186002			186002			186019			186019			186035		
Sample Date	08/21/1996			09/26/1996			09/26/1996			10/29/1996			10/29/1996			11/27/1996			11/27/1996			12/13/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	9.3		ug/l	7.9		ug/l	8.3		ug/l	0.015		mg/l	0.014		mg/l	0.012		mg/l	0.011		mg/l	0.025		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	89		ug/l	220		ug/l	94		ug/l	0.45		mg/l	0.029		mg/l	0.062		mg/l	0.046		mg/l	0.094		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1200		ug/l	1100		ug/l	1000		ug/l	2.2		mg/l	2.1		mg/l	2.5		mg/l	2.5		mg/l	3.8		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285			CC285			CC285			CC285			CC285			CC285			CC285			CC285		
Location Cross Ref.	CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186035			186052			186052			186068			186068			186088			186088			186108		
Sample Date	12/13/1996			01/30/1997			01/30/1997			02/19/1997			02/19/1997			03/26/1997			03/26/1997			04/16/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.024		mg/l	0.013		mg/l	0.014		mg/l	0.016		mg/l	0.017		mg/l	0.018		mg/l	0.017		mg/l	0.015		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.054		mg/l	0.06		mg/l	0.037		mg/l	0.08		mg/l	0.046		mg/l	8.2E-05		mg/l	0.053		mg/l	0.066		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3.9		mg/l	2.1		mg/l	2.1		mg/l	2.7		mg/l	2.7		mg/l	2.7		mg/l	2.8		mg/l	2.4		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285			CC285			CC285			CC285			CC285			CC285			CC285			CC285		
Location Cross Ref.	CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186108			186128			186148			186148			186168			186168			186188			186188		
Sample Date	04/16/1997			05/15/1997			06/24/1997			06/24/1997			07/23/1997			07/23/1997			08/14/1997			08/14/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.015		mg/l	4.4		ug/l	0.0028		mg/l	0.0031		mg/l	0.0046		mg/l	0.005		mg/l	0.0088		mg/l	0.0085		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.038		mg/l	1100		ug/l	0.039		mg/l	0.027		mg/l	0.05		mg/l	0.036		mg/l	0.26		mg/l	0.08		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2.4		mg/l	770		ug/l	0.47		mg/l	0.51		mg/l	0.77		mg/l	0.78		mg/l	1.3		mg/l	1.2		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285			CC285			CC285			CC285			CC285			CC285			CC285			CC285		
Location Cross Ref.	CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL			(2) URS/LAUCKS			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186208			186208			186228			186228			168487			168487			186248			186248		
Sample Date	09/04/1997			09/04/1997			10/16/1997			10/16/1997			11/09/1997			11/09/1997			11/26/1997			11/26/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum													20	U	ug/l	37	U	ug/l						
Antimony													4.4		ug/l	5		ug/l						
Arsenic													0.21		ug/l	0.35	U	ug/l						
Barium													27		ug/l	28		ug/l						
Beryllium													1	U	ug/l	0.35	U	ug/l						
Cadmium	0.01		mg/l	0.011		mg/l	0.0098		mg/l	0.0064		mg/l	11		ug/l	9.6		ug/l	0.011		mg/l	0.0095		mg/l
Calcium													8900		ug/l	8300		ug/l						
Chromium													5	U	ug/l	6	U	ug/l						
Cobalt													5	U	ug/l	5	U	ug/l						
Copper													1.2		ug/l	1.7	J	ug/l						
Cyanide																								
Iron													34		ug/l	120		ug/l						
Lead	0.06		mg/l	0.043		mg/l	0.7		mg/l	0.045		mg/l	48		ug/l	78		ug/l	0.29		mg/l	0.07		mg/l
Lithium																								
Magnesium													2200		ug/l	2000		ug/l						
Manganese													59		ug/l	60		ug/l						
Mercury													0.2	U	ug/l	0.1	U	ug/l						
Molybdenum																								
Nickel													0.85		ug/l	5	U	ug/l						
Potassium													860		ug/l	430	J	ug/l						
Selenium													1	U	ug/l	0.21	U	ug/l						
Silicon																								
Silver													0.03	U	ug/l	0.22	U	ug/l						
Sodium													1300		ug/l	1300		ug/l						
Strontium																								
Sulfur																								
Thallium													0.5	U	ug/l	0.017	U	ug/l						
Titanium																								
Uranium																								
Vanadium													3	U	ug/l	2.1	U	ug/l						
Zinc	1.4		mg/l	1.4		mg/l	1.1		mg/l	0.74		mg/l	1500		ug/l	1600		ug/l	1.5		mg/l	1.5		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285			CC285			CC285			CC285			CC285			CC285			CC285			CC285		
Location Cross Ref.	CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/LAUCKS			(2) URS/LAUCKS			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186267			186267			168592			168592			186286			186286			186305			186305		
Sample Date	12/19/1997			12/19/1997			01/13/1998			01/13/1998			01/22/1998			01/22/1998			02/26/1998			02/26/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							190		ug/l	240	J	ug/l												
Antimony							4.7	J	ug/l	5.3		ug/l												
Arsenic							0.12	U	ug/l	0.23	J	ug/l												
Barium							33		ug/l	33		ug/l												
Beryllium							0.26	U	ug/l	0.26	U	ug/l												
Cadmium	0.023		mg/l	0.014		mg/l	18		ug/l	18		ug/l	0.0007		mg/l	0.0009		mg/l	0.013		mg/l	0.014		mg/l
Calcium							12000		ug/l	11000		ug/l												
Chromium							4.5	U	ug/l	4.5	U	ug/l												
Cobalt							3.9	U	ug/l	3.9	U	ug/l												
Copper							0.83	J	ug/l	2.1	J	ug/l												
Cyanide																								
Iron							17		ug/l	170		ug/l												
Lead	2.1		mg/l	0.061		mg/l	40		ug/l	110		ug/l	0.0025		mg/l	0.0015		mg/l	0.06		mg/l	0.038		mg/l
Lithium																								
Magnesium							2700		ug/l	2700		ug/l												
Manganese							68		ug/l	81		ug/l												
Mercury							0.1	UJ	ug/l	0.1	UJ	ug/l												
Molybdenum																								
Nickel							4.3	U	ug/l	4.3	U	ug/l												
Potassium							560	J	ug/l	550	J	ug/l												
Selenium							0.48	U	ug/l	0.48	U	ug/l												
Silicon																								
Silver							0.11	U	ug/l	0.11	U	ug/l												
Sodium							1800	J	ug/l	1800	J	ug/l												
Strontium																								
Sulfur																								
Thallium							0.8	U	ug/l	0.005	U	ug/l												
Titanium																								
Uranium																								
Vanadium							2.9	U	ug/l	2.9	U	ug/l												
Zinc	2.4		mg/l	1.8		mg/l	2600		ug/l	2600		ug/l	0.16		mg/l	0.15		mg/l	1.8		mg/l	1.9		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285		CC285		CC285		CC285		CC285		CC285		CC285		CC285	
Location Cross Ref.	CC285/CC-20/CC-1.5		CC285/CC-20/CC-1.5		CC285/CC-20/CC-1.5		CC285/CC-20/CC-1.5		CC285/CC-20/CC-1.5		CC285/CC-20/CC-1.5		CC285/CC-20/CC-1.5		CC285/CC-20/CC-1.5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(3) URS/COLUMBWA	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	186324		186324		186343		186343		46559		46559		46560		46560	
Sample Date	03/20/1998		03/20/1998		04/23/1998		04/23/1998		05/14/1998		05/14/1998		05/14/1998		05/14/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate	
Analytical Method	6010		D6010		6010		D6010		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum									50 U	ug/l	55	ug/l	50 U	ug/l	56	ug/l
Antimony									1.2	ug/l	1.3	ug/l	1.3	ug/l	1.4	ug/l
Arsenic									2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l
Barium									15	ug/l	15	ug/l	16	ug/l	15	ug/l
Beryllium									0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Cadmium	0.013	mg/l	0.013	mg/l	0.011	mg/l	0.0065	mg/l	3.2	ug/l	3	ug/l	3.4	ug/l	3.3	ug/l
Calcium									3400	ug/l	3100	ug/l	3400	ug/l	3100	ug/l
Chromium									5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt									10 U	ug/l	10 U	ug/l	10 U	ug/l	10 U	ug/l
Copper									2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l
Cyanide																
Iron									35	ug/l	94	ug/l	46	ug/l	120	ug/l
Lead	0.089	mg/l	0.039	mg/l	1.9	mg/l	0.091	mg/l	44	ug/l	38	ug/l	61	ug/l	43	ug/l
Lithium																
Magnesium									860	ug/l	790	ug/l	870	ug/l	800	ug/l
Manganese									29	ug/l	30	ug/l	30	ug/l	31	ug/l
Mercury									0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel									20 U	ug/l	20 U	ug/l	20 U	ug/l	20 U	ug/l
Potassium									2000 U	ug/l	2000 U	ug/l	2000 U	ug/l	2000 U	ug/l
Selenium									2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l
Silicon																
Silver									0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Sodium									760	ug/l	730	ug/l	770	ug/l	740	ug/l
Strontium																
Sulfur																
Thallium									0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Titanium																
Uranium																
Vanadium									10 U	ug/l	10 U	ug/l	10 U	ug/l	10 U	ug/l
Zinc	1.8	mg/l	1.8	mg/l	1.3	mg/l	0.92	mg/l	460	ug/l	420	ug/l	480	ug/l	420	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285			CC285			CC285			CC285			CC285			CC285			CC285			CC285		
Location Cross Ref.	CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202235			202235			202264			202264			202285			202285			202286			202286		
Sample Date	05/28/1998			05/28/1998			06/26/1998			06/26/1998			07/28/1998			07/28/1998			07/28/1998			07/28/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	5.4		ug/l	5.2		ug/l	6.1		ug/l	6.4		ug/l	11		ug/l	10		ug/l	10		ug/l	10		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	100		ug/l	35		ug/l	54		ug/l	34		ug/l	62		ug/l	43		ug/l	58		ug/l	41		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	760		ug/l	740		ug/l	790		ug/l	810		ug/l	1100		ug/l	1200		ug/l	1200		ug/l	1200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285			CC285			CC285			CC285			CC285			CC285			CC285			CC285		
Location Cross Ref.	CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202305			202305			202306			202306			202370			202370			202420			202420		
Sample Date	08/26/1998			08/26/1998			08/26/1998			08/26/1998			09/24/1998			09/24/1998			10/26/1998			10/26/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	11		ug/l	11		ug/l	9.6		ug/l	9.8		ug/l	10		ug/l	10		ug/l	9.6		ug/l	9.4		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	57		ug/l	36		ug/l	58		ug/l	34		ug/l	72		ug/l	46		ug/l	46		ug/l	30		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1200		ug/l	1200		ug/l	1200		ug/l	1200		ug/l	1200		ug/l	1200		ug/l	1100		ug/l	1100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285			CC285			CC285			CC285			CC285			CC285			CC285			CC285		
Location Cross Ref.	CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186865			186865			186866			186866			202439			202439			186867			186867		
Sample Date	10/27/1998			10/27/1998			11/18/1998			11/18/1998			11/25/1998			11/25/1998			12/15/1998			12/15/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				13		ug/l	16		ug/l	16		ug/l	28		ug/l	28		ug/l	20		ug/l	19		ug/l
Calcium				12000		ug/l				13000		ug/l										12000		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	46		ug/l	31		ug/l	120		ug/l	22		ug/l	77		ug/l	43		ug/l	57		ug/l	22		ug/l
Lithium																								
Magnesium				3200		ug/l				3200		ug/l										2900		ug/l
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1600		ug/l	1700		ug/l	2400		ug/l	2300		ug/l	3900		ug/l	4000		ug/l	2800		ug/l	2800		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285		CC285		CC285		CC285		CC285		CC285		CC285		CC285	
Location Cross Ref.	CC285/CC-20/CC-1.5		CC285/CC-20/CC-1.5		CC285/CC-20/CC-1.5		CC285/CC-20/CC-1.5		CC285/CC-20/CC-1.5		CC285/CC-20/CC-1.5		CC285/CC-20/CC-1.5		CC285/CC-20/CC-1.5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/OTHER		(7) IDEQ/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	202475		202475		186868		186868		202495		202495		202515		202515	
Sample Date	01/15/1999		01/15/1999		01/20/1999		01/20/1999		02/23/1999		02/23/1999		03/08/1999		03/08/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	16	ug/l	17	ug/l	17	ug/l	0.016	mg/l	15	ug/l	14	ug/l	15	ug/l	14	ug/l
Calcium							9.6	mg/l								
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	61	ug/l	34	ug/l	50	ug/l	0.024	mg/l	37	ug/l	24	ug/l	43	ug/l	30	ug/l
Lithium																
Magnesium							2.4	mg/l								
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	2400	ug/l	2400	ug/l	2300	ug/l	2.3	mg/l	2000	ug/l	2000	ug/l	2300	ug/l	2300	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285			CC285			CC285			CC285			CC285			CC285		
Location Cross Ref.	CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	186869			186869			186870			186870			186871			186872		
Sample Date	03/23/1999			03/23/1999			04/21/1999			04/21/1999			05/05/1999			05/24/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	21		ug/l	20		ug/l	10		ug/l	8.9		ug/l	6		ug/l	6		ug/l	7		ug/l	4.2		ug/l
Calcium				7400		ug/l				4800		ug/l				5300		ug/l						
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	130		ug/l	37		ug/l	96		ug/l	24		ug/l	57		ug/l	19		ug/l	1400		ug/l	25		ug/l
Lithium																								
Magnesium				1900		ug/l				1200		ug/l				1400		ug/l						
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																1200		ug/l						
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2800		ug/l	2900		ug/l	1300		ug/l	1300		ug/l	920		ug/l	960		ug/l	940		ug/l	510		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285			CC285			CC285			CC285			CC285			CC285		
Location Cross Ref.	CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5			CC285/CC-20/CC-1.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	186872			186872			186873			186873			202179			202179		
Sample Date	05/24/1999			05/24/1999			06/15/1999			06/15/1999			07/08/1999			07/08/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium							3		ug/l	2.4		ug/l				3.4		ug/l	3		ug/l			
Calcium	2.8		mg/l							2500		ug/l	4.1		mg/l							8.6		mg/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron	3.7		mg/l	22		ug/l																		
Lead							110		ug/l	19		ug/l				28		ug/l	16		ug/l			
Lithium																								
Magnesium	0.7		mg/l							620		ug/l	1		mg/l							2.2		mg/l
Manganese	0.37		mg/l	0.41		ug/l																		
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium	0.75		mg/l							640		ug/l	0.76		mg/l							1.2		mg/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							320		ug/l	310		ug/l				440		ug/l	460		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC285	CC285	CC285	CC285	CC285	CC286	CC286	CC286
Location Cross Ref.	CC285/CC-20/CC-1.5	CC285/CC-20/CC-1.5	CC285/CC-20/CC-1.5	CC285/CC-20/CC-1.5	CC285/CC-20/CC-1.5	CC-16	CC-16	CC-16
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	202180	202180	202181	202181	202181	172153	172153	172153
Sample Date	08/05/1999	08/05/1999	08/30/1999	08/30/1999	08/30/1999	10/05/1991	10/05/1991	10/05/1991
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	D6010	D6010	6010	D6010	6010	7131	7421

Analyte	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	7.4	ug/l	7	ug/l			9	ug/l	9	ug/l			0.015	mg/l		
Calcium					11	mg/l										
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	61	ug/l	21	ug/l			46	ug/l	27	ug/l					0.044	mg/l
Lithium																
Magnesium					2.8	mg/l										
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium					1.3	mg/l										
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	870	ug/l	940	ug/l			1000	ug/l	1100	ug/l	2.5	mg/l				

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC286		CC286		CC286		CC286		CC286		CC286		CC286		CC286	
Location Cross Ref.	CC-16		CC-16		CC-16		CC-16		CC-16		CC-16		CC-16		CC-16	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(5) MFG/OTHER		(5) MFG/OTHER		(2) URS/MEL		(2) URS/LAUCKS		(2) URS/LAUCKS		(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172153		172153		168488		168488		168593		168593		46570		46570	
Sample Date	10/05/1991		10/05/1991		11/09/1997		11/09/1997		01/16/1998		01/16/1998		05/15/1998		05/15/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D7421		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum					20 U	ug/l	86 U	ug/l	210	ug/l	250 J	ug/l	50 U	ug/l	50 U	ug/l
Antimony					4.4	ug/l	5	ug/l	4.4 J	ug/l	7.3	ug/l	1.6	ug/l	1.8	ug/l
Arsenic					0.21	ug/l	0.62 U	ug/l	0.12 U	ug/l	0.84 J	ug/l	1 U	ug/l	1 U	ug/l
Barium					29	ug/l	28	ug/l	32	ug/l	33	ug/l	17	ug/l	18	ug/l
Beryllium					1 U	ug/l	0.35 U	ug/l	0.26 U	ug/l	0.26 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	0.016	mg/l			15	ug/l	14	ug/l	19	ug/l	21	ug/l	4.9	ug/l	4.9	ug/l
Calcium					9600	ug/l	8500	ug/l	12000	ug/l	12000	ug/l	3600	ug/l	4000	ug/l
Chromium					5 U	ug/l	6 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt					5 U	ug/l	5 U	ug/l	3.9 U	ug/l	3.9 U	ug/l	5 U	ug/l	5 U	ug/l
Copper					1.4	ug/l	1.9 J	ug/l	1.1 J	ug/l	5.3	ug/l	3 U	ug/l	3 U	ug/l
Cyanide																
Iron					26	ug/l	100 J	ug/l	18	ug/l	400	ug/l	25	ug/l	110 U	ug/l
Lead			0.011	mg/l	51	ug/l	74	ug/l	40	ug/l	300	ug/l	24	ug/l	45	ug/l
Lithium																
Magnesium					2400	ug/l	2100	ug/l	2800	ug/l	2700	ug/l	910	ug/l	990	ug/l
Manganese					62	ug/l	60	ug/l	90	ug/l	140	ug/l	33	ug/l	39	ug/l
Mercury					0.2 U	ug/l	0.1 U	ug/l	0.1 UJ	ug/l	0.17 J	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel					1	ug/l	5 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium					700 U	ug/l	430 J	ug/l	580 J	ug/l	570 J	ug/l	290	ug/l	370	ug/l
Selenium					1 U	ug/l	0.31 U	ug/l	0.48 U	ug/l	0.48 U	ug/l	1 U	ug/l	1 U	ug/l
Silicon																
Silver					0.03 U	ug/l	0.22 U	ug/l	0.11 U	ug/l	0.61	ug/l	0.3 U	ug/l	0.3 U	ug/l
Sodium					1300	ug/l	1200	ug/l	1900 J	ug/l	1800 J	ug/l	720	ug/l	720	ug/l
Strontium																
Sulfur																
Thallium					0.5 U	ug/l	0.017 U	ug/l	0.29 U	ug/l	0.25 U	ug/l	0.1 U	ug/l	0.1 U	ug/l
Titanium																
Uranium																
Vanadium					3 U	ug/l	2 U	ug/l	2.9 U	ug/l	2.9 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	2.5	mg/l			2100	ug/l	2100	ug/l	2900	ug/l	3000	ug/l	590	ug/l	660	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC286		CC286		CC286		CC286		CC286		CC286		CC286		CC287	
Location Cross Ref.	CC-16		CC-16		CC-16		CC-16		CC-16		CC-16		CC-16		CC287/CC-12/CC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(5) MFG/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	49020		49020		49020		49020		49020		61478		61478		172154	
Sample Date	11/14/1998		11/14/1998		11/14/1998		11/14/1998		11/14/1998		12/04/1999		12/04/1999		10/05/1991	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	50 U	ug/l			63 J	ug/l					50 U	ug/l	50 U	ug/l		
Antimony							8.2	ug/l			3.7 J	ug/l	3.7 J	ug/l		
Arsenic							1.1 J	ug/l			1 U	ug/l	1 U	ug/l		
Barium	45	ug/l			46	ug/l					30	ug/l	31	ug/l		
Beryllium	1 U	ug/l			1 U	ug/l					1 U	ug/l	1 U	ug/l		
Cadmium	24	ug/l			24	ug/l					13	ug/l	13	ug/l		
Calcium	15000	ug/l			20000	ug/l					9400	ug/l	9100	ug/l		
Chromium	5 U	ug/l			5 U	ug/l					5 U	ug/l	5 U	ug/l		
Cobalt	5 U	ug/l			5 U	ug/l					5 U	ug/l	5 U	ug/l		
Copper	5 U	ug/l			5 U	ug/l					5 U	ug/l	5 U	ug/l		
Cyanide																
Iron	50 U	ug/l			380	ug/l					41 J	ug/l	67 J	ug/l		
Lead							140	ug/l			22	ug/l	34	ug/l		
Lithium																
Magnesium	3800	ug/l			3900	ug/l					2300	ug/l	2200	ug/l		
Manganese	100	ug/l			110	ug/l					70	ug/l	69	ug/l		
Mercury			0.2 U	ug/l							0.2 U	ug/l	0.2 U	ug/l		
Molybdenum																
Nickel	5 U	ug/l			5 U	ug/l					5 U	ug/l	5 U	ug/l		
Potassium									660 J	ug/l	480 J	ug/l	480 J	ug/l		
Selenium							1 U	ug/l			2 U	ug/l	2 U	ug/l		
Silicon																
Silver	5 U	ug/l			5 U	ug/l					5 U	ug/l	5 U	ug/l		
Sodium									2000 J	ug/l	1300	ug/l	1300	ug/l		
Strontium																
Sulfur																
Thallium							1 U	ug/l			0.5 U	ug/l	0.5 U	ug/l		
Titanium																
Uranium																
Vanadium	5 U	ug/l			5 U	ug/l					5 U	ug/l	5 U	ug/l		
Zinc	3500	ug/l			3700	ug/l					2200	ug/l	2100	ug/l	3.4	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287			CC287			CC287			CC287			CC287			CC287			CC287			CC287		
Location Cross Ref.	CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172154			172154			172154			172154			173848			173848			173849			173849		
Sample Date	10/05/1991			10/05/1991			10/05/1991			10/05/1991			10/27/1993			10/27/1993			11/30/1993			11/30/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7131			7421			D6010			D7421			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.021		mg/l				0.022		mg/l				22		ug/l	26		ug/l	22		ug/l	26		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.055		mg/l				0.02		mg/l	56		ug/l	55		ug/l	62		ug/l	34		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							3.4		mg/l				3400		ug/l	3500		ug/l	4100		ug/l	4000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287			CC287			CC287			CC287			CC287			CC287			CC287			CC287		
Location Cross Ref.	CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173850			173850			173851			173851			173852			173852			173853			173853		
Sample Date	12/17/1993			12/17/1993			01/20/1994			01/20/1994			02/18/1994			02/18/1994			03/08/1994			03/08/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	33		ug/l	31		ug/l	38		ug/l	33		ug/l	30		ug/l	28		ug/l	26		ug/l	27		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	56		ug/l	46		ug/l	59		ug/l	38		ug/l	52		ug/l	36		ug/l	55		ug/l	38		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	5200		ug/l	5400		ug/l	5100		ug/l	5200		ug/l	4600		ug/l	4700		ug/l	4500		ug/l	4400		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287		CC287		CC287		CC287		CC287		CC287		CC287		CC287	
Location Cross Ref.	CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173854		173854		173855		173855		173856		173856		173857		173857	
Sample Date	03/24/1994		03/24/1994		04/07/1994		04/07/1994		04/19/1994		04/19/1994		05/04/1994		05/04/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	26	ug/l	27	ug/l	18	ug/l	17	ug/l	8.6	ug/l	7	ug/l	8.2	ug/l	8.3	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	53	ug/l	37	ug/l	47	ug/l	35	ug/l	380	ug/l	22	ug/l	42	ug/l	28	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	4600	ug/l	4700	ug/l	2400	ug/l	2400	ug/l	1200	ug/l	1100	ug/l	1200	ug/l	1200	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287			CC287			CC287			CC287			CC287			CC287			CC287			CC287		
Location Cross Ref.	CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173858			173858			173859			173859			173860			173860			173861			173861		
Sample Date	05/19/1994			05/19/1994			06/07/1994			06/07/1994			06/23/1994			06/23/1994			07/25/1994			07/25/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	7.7		ug/l	7.5		ug/l	12		ug/l	11		ug/l	14		ug/l	13		ug/l	18		ug/l	16		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	34		ug/l	26		ug/l	39		ug/l	29		ug/l	49		ug/l	34		ug/l	55		ug/l	42		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1000		ug/l	1000		ug/l	1500		ug/l	1600		ug/l	1700		ug/l	1700		ug/l	2400		ug/l	2500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287			CC287			CC287			CC287			CC287			CC287			CC287			CC287		
Location Cross Ref.	CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173862			173862			173863			173863			173864			173864			173865			173865		
Sample Date	08/16/1994			08/16/1994			09/13/1994			09/13/1994			10/16/1994			10/16/1994			11/16/1994			11/16/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	19		ug/l	20		ug/l	21		ug/l	20		ug/l	21		ug/l	20		ug/l	32		ug/l	32		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	62		ug/l	46		ug/l	53		ug/l	36		ug/l	50		ug/l	31		ug/l	59		ug/l	40		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2900		ug/l	2900		ug/l	2900		ug/l	3000		ug/l	3400		ug/l	3500		ug/l	5500		ug/l	5600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287			CC287			CC287			CC287			CC287			CC287			CC287			CC287		
Location Cross Ref.	CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173866			173866			173867			173867			173868			173868			173869			173869		
Sample Date	12/13/1994			12/13/1994			01/10/1995			01/10/1995			02/09/1995			02/09/1995			03/08/1995			03/08/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	38		ug/l	41		ug/l	39		ug/l	38		ug/l	19		ug/l	19		ug/l	16		ug/l	15		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	54		ug/l	39		ug/l	140		ug/l	40		ug/l	44		ug/l	26		ug/l	31		ug/l	22		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	6600		ug/l	6700		ug/l	6300		ug/l	6400		ug/l	3200		ug/l	3400		ug/l	2500		ug/l	2600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287		CC287		CC287		CC287		CC287		CC287		CC287		CC287	
Location Cross Ref.	CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173870		173870		173871		173871		173872		173872		173873		173873	
Sample Date	03/22/1995		03/22/1995		04/12/1995		04/12/1995		04/25/1995		04/25/1995		05/10/1995		05/10/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	24	ug/l	21	ug/l	15	ug/l	15	ug/l	12	ug/l	12	ug/l	7.8	ug/l	7.8	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	66	ug/l	34	ug/l	46	ug/l	27	ug/l	36	ug/l	22	ug/l	82	ug/l	23	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	4000	ug/l	3600	ug/l	2600	ug/l	2500	ug/l	2100	ug/l	2100	ug/l	910	ug/l	860	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287			CC287			CC287			CC287			CC287			CC287			CC287			CC287		
Location Cross Ref.	CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173874			173874			173875			173875			173876			173876			173877			173877		
Sample Date	05/23/1995			05/23/1995			06/13/1995			06/13/1995			06/27/1995			06/27/1995			07/11/1995			07/11/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	7		ug/l	6.9		ug/l	6.8		ug/l	7		ug/l	8.4		ug/l	8.4		ug/l	12		ug/l	11		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	33		ug/l	22		ug/l	37		ug/l	27		ug/l	36		ug/l	26		ug/l	44		ug/l	34		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	790		ug/l	800		ug/l	920		ug/l	910		ug/l	1200		ug/l	1300		ug/l	1700		ug/l	1700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287			CC287			CC287			CC287			CC287			CC287			CC287			CC287		
Location Cross Ref.	CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173878			173878			173879			173879			173880			173880			173881			173881		
Sample Date	07/25/1995			07/25/1995			08/14/1995			08/14/1995			09/13/1995			09/13/1995			10/18/1995			10/18/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	14		ug/l	14		ug/l	18		ug/l	17		ug/l	20		ug/l	20		ug/l	21		ug/l	200		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	45		ug/l	33		ug/l	58		ug/l	36		ug/l	52		ug/l	38		ug/l	420		ug/l	48		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1800		ug/l	1800		ug/l	2500		ug/l	2600		ug/l	2800		ug/l	2800		ug/l	3000		ug/l	2900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287			CC287			CC287			CC287			CC287			CC287			CC287			CC287		
Location Cross Ref.	CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173882			173882			173883			173883			173884			173884			173885			173885		
Sample Date	11/21/1995			11/21/1995			12/27/1995			12/27/1995			01/17/1996			01/17/1996			02/29/1996			02/29/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	13		ug/l	11		ug/l	18		ug/l	18		ug/l	27		ug/l	26		ug/l	15		ug/l	15		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	680		ug/l	45		ug/l	110		ug/l	55		ug/l	250		ug/l	220		ug/l	280		ug/l	45		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2000		ug/l	1700		ug/l	2500		ug/l	2600		ug/l	3800		ug/l	3900		ug/l	2400		ug/l	2300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287		CC287		CC287		CC287		CC287		CC287		CC287		CC287	
Location Cross Ref.	CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173886		173886		173887		173887		173888		173888		173889		173889	
Sample Date	03/28/1996		03/28/1996		04/17/1996		04/17/1996		05/08/1996		05/08/1996		06/19/1996		06/19/1996	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	16	ug/l	15	ug/l	9.5	ug/l	9	ug/l	12	ug/l	11	ug/l	5.8	ug/l	5.8	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	98	ug/l	53	ug/l	140	ug/l	55	ug/l	220	ug/l	66	ug/l	74	ug/l	36	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	2200	ug/l	2200	ug/l	1200	ug/l	1200	ug/l	1700	ug/l	1700	ug/l	840	ug/l	840	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287		CC287		CC287		CC287		CC287		CC287		CC287		CC287	
Location Cross Ref.	CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173890		173890		173891		173891		173892		173892		186001		186001	
Sample Date	07/24/1996		07/24/1996		08/21/1996		08/21/1996		09/26/1996		09/26/1996		10/29/1996		10/29/1996	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	14	ug/l	14	ug/l	24	ug/l	23	ug/l	23	ug/l	24	ug/l	0.028	mg/l	0.028	mg/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	130	ug/l	66	ug/l	310	ug/l	94	ug/l	590	ug/l	98	ug/l	0.41	mg/l	0.17	mg/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1600	ug/l	1600	ug/l	3700	ug/l	2600	ug/l	2800	ug/l	2600	ug/l	3.8	mg/l	3.8	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287	CC287	CC287	CC287	CC287	CC287	CC287	CC287
Location Cross Ref.	CC287/CC-12/CC-1	CC287/CC-12/CC-1	CC287/CC-12/CC-1	CC287/CC-12/CC-1	CC287/CC-12/CC-1	CC287/CC-12/CC-1	CC287/CC-12/CC-1	CC287/CC-12/CC-1
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ	(7) IDEQ/IDEQ
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	186018	186018	186034	186034	186051	186051	186067	186067
Sample Date	11/27/1996	11/27/1996	12/13/1996	12/13/1996	01/30/1997	01/30/1997	02/21/1997	02/21/1997
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	D6010	6010	D6010	6010	D6010	6010	D6010

Analyte	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.029	mg/l	0.029	mg/l	0.039	mg/l	0.039	mg/l	0.025	mg/l	0.025	mg/l	0.027	mg/l	0.026	mg/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	0.076	mg/l	0.051	mg/l	0.1	mg/l	0.06	mg/l	0.071	mg/l	0.048	mg/l	0.091	mg/l	0.071	mg/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	4.5	mg/l	4.5	mg/l	5.5	mg/l	5.4	mg/l	3.5	mg/l	3.6	mg/l	4	mg/l	4.1	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287			CC287			CC287			CC287			CC287			CC287			CC287			CC287		
Location Cross Ref.	CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186087			186087			186107			186107			186127			186147			186147			186167		
Sample Date	03/26/1997			03/26/1997			04/16/1997			04/16/1997			05/15/1997			06/24/1997			06/24/1997			07/23/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.025		mg/l	0.026		mg/l	0.023		mg/l	0.024		mg/l	6.3		ug/l	0.005		mg/l	0.0054		mg/l	0.01		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.00012		mg/l	0.063		mg/l	0.11		mg/l	0.046		mg/l	1200		ug/l	0.046		mg/l	0.032		mg/l	0.56		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3.8		mg/l	3.9		mg/l	3.3		mg/l	3.4		mg/l	910		ug/l	0.73		mg/l	0.8		mg/l	1.3		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287			CC287			CC287			CC287			CC287			CC287			CC287			CC287		
Location Cross Ref.	CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186167			186187			186187			186207			186207			186227			186227			168489		
Sample Date	07/23/1997			08/14/1997			08/14/1997			09/04/1997			09/04/1997			10/16/1997			10/16/1997			11/09/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																						20	U	ug/l
Antimony																						4.3		ug/l
Arsenic																						0.19		ug/l
Barium																						31		ug/l
Beryllium																						1	U	ug/l
Cadmium	0.0092		mg/l	0.015		mg/l	0.014		mg/l	0.019		mg/l	0.018		mg/l	0.022		mg/l	0.02		mg/l	20		ug/l
Calcium																						11000		ug/l
Chromium																						5	U	ug/l
Cobalt																						5	U	ug/l
Copper																						1.3		ug/l
Cyanide																								
Iron																						20		ug/l
Lead	0.066		mg/l	0.094		mg/l	0.054		mg/l	0.33		mg/l	0.11		mg/l	0.44		mg/l	0.057		mg/l	51		ug/l
Lithium																								
Magnesium																						2600		ug/l
Manganese																						68		ug/l
Mercury																						0.2	U	ug/l
Molybdenum																								
Nickel																						1.2		ug/l
Potassium																						1000		ug/l
Selenium																						1	U	ug/l
Silicon																								
Silver																						0.03	U	ug/l
Sodium																						1400		ug/l
Strontium																								
Sulfur																								
Thallium																						0.5	U	ug/l
Titanium																								
Uranium																								
Vanadium																						3	U	ug/l
Zinc	1.3		mg/l	1.9		mg/l	2		mg/l	2.5		mg/l	2.4		mg/l	2.9		mg/l	2.8		mg/l	2600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287			CC287			CC287			CC287			CC287			CC287			CC287			CC287		
Location Cross Ref.	CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/LAUCKS			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/LAUCKS			(2) URS/LAUCKS			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168489			186247			186247			186266			186266			168594			168594			186285		
Sample Date	11/09/1997			11/26/1997			11/26/1997			12/19/1997			12/19/1997			01/13/1998			01/13/1998			01/22/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	49	U	ug/l													210		ug/l	220	J	ug/l			
Antimony	4.7	J	ug/l													4.1	J	ug/l	5.4		ug/l			
Arsenic	0.33	U	ug/l													0.12	U	ug/l	0.55	J	ug/l			
Barium	32		ug/l													35		ug/l	36		ug/l			
Beryllium	0.35	U	ug/l													0.26	U	ug/l	0.26	U	ug/l			
Cadmium	18		ug/l	0.019		mg/l	0.018		mg/l	0.026		mg/l	0.027		mg/l	30		ug/l	31		ug/l	0.025		mg/l
Calcium	10000		ug/l													14000		ug/l	14000		ug/l			
Chromium	6	U	ug/l													4.5	U	ug/l	4.5	U	ug/l			
Cobalt	5	U	ug/l													3.9	U	ug/l	3.9	U	ug/l			
Copper	2.4	J	ug/l													0.89	J	ug/l	3.7		ug/l			
Cyanide																								
Iron	100		ug/l													19		ug/l	300		ug/l			
Lead	75		ug/l	0.12		mg/l	0.049		mg/l	0.29		mg/l	0.043		mg/l	25		ug/l	180		ug/l	0.084		mg/l
Lithium																								
Magnesium	2500		ug/l													3300		ug/l	3200		ug/l			
Manganese	71		ug/l													96		ug/l	120		ug/l			
Mercury	0.1	U	ug/l													0.1	UJ	ug/l	0.1	UJ	ug/l			
Molybdenum																								
Nickel	5	U	ug/l													4.3	U	ug/l	4.2		ug/l			
Potassium	530	J	ug/l													680	J	ug/l	670	J	ug/l			
Selenium	0.21	U	ug/l													0.48	U	ug/l	0.48	U	ug/l			
Silicon																								
Silver	0.22	U	ug/l													0.11	U	ug/l	0.11	U	ug/l			
Sodium	1400		ug/l													2500	J	ug/l	1900	J	ug/l			
Strontium																								
Sulfur																								
Thallium	0.017	U	ug/l													0.71	U	ug/l	0.11	U	ug/l			
Titanium																								
Uranium																								
Vanadium	2.4	U	ug/l													2.9	U	ug/l	2.9	U	ug/l			
Zinc	2700		ug/l	2.8		mg/l	2.8		mg/l	3.4		mg/l	3.3		mg/l	4200		ug/l	4300		ug/l	3.3		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287		CC287		CC287		CC287		CC287		CC287		CC287		CC287	
Location Cross Ref.	CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	186285		186304		186304		186323		186323		186342		186342		202220	
Sample Date	01/22/1998		02/26/1998		02/26/1998		03/20/1998		03/20/1998		04/23/1998		04/23/1998		05/07/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.026	mg/l	0.025	mg/l	0.025	mg/l	0.021	mg/l	0.021	mg/l	0.015	mg/l	0.011	mg/l	4.2	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	0.044	mg/l	0.062	mg/l	0.042	mg/l	0.076	mg/l	0.045	mg/l	2.1	mg/l	0.27	mg/l	200	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	3.3	mg/l	3.5	mg/l	3.6	mg/l	2.7	mg/l	2.8	mg/l	1.9	mg/l	1.3	mg/l	540	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287		CC287		CC287		CC287		CC287		CC287		CC287		CC287	
Location Cross Ref.	CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1		CC287/CC-12/CC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/OTHER		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	202220		46558		46558		202233		202233		202234		202234		202263	
Sample Date	05/07/1998		05/14/1998		05/14/1998		05/28/1998		05/28/1998		05/28/1998		05/28/1998		06/26/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample	
Analytical Method	D6010		DIN-CLP-LOW		IN-CLP-LOW		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum			50 U	ug/l	55	ug/l										
Antimony			1.4	ug/l	1.5	ug/l										
Arsenic			2 U	ug/l	2 U	ug/l										
Barium			16	ug/l	16	ug/l										
Beryllium			0.2 U	ug/l	0.2 U	ug/l										
Cadmium	3.9	ug/l	5.2	ug/l	5.1	ug/l	7.2	ug/l	7.3	ug/l	7	ug/l	6.8	ug/l	9.8	ug/l
Calcium			3700	ug/l	3400	ug/l										
Chromium			5 U	ug/l	5 U	ug/l										
Cobalt			10 U	ug/l	10 U	ug/l										
Copper			2 U	ug/l	2 U	ug/l										
Cyanide																
Iron			28	ug/l	110	ug/l										
Lead	33	ug/l	26	ug/l	49	ug/l	110	ug/l	35	ug/l	100	ug/l	37	ug/l	56	ug/l
Lithium																
Magnesium			950	ug/l	880	ug/l										
Manganese			33	ug/l	35	ug/l										
Mercury			0.2 U	ug/l	0.2 U	ug/l										
Molybdenum																
Nickel			20 U	ug/l	20 U	ug/l										
Potassium			2000 U	ug/l	2000 U	ug/l										
Selenium			2 U	ug/l	2 U	ug/l										
Silicon																
Silver			0.2 U	ug/l	0.2 U	ug/l										
Sodium			820	ug/l	750	ug/l										
Strontium																
Sulfur																
Thallium			0.2 U	ug/l	0.2 U	ug/l										
Titanium																
Uranium																
Vanadium			10 U	ug/l	10 U	ug/l										
Zinc	540	ug/l	690	ug/l	640	ug/l	960	ug/l	970	ug/l	980	ug/l	940	ug/l	1200	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287			CC287			CC287			CC287			CC287			CC287			CC287			CC287		
Location Cross Ref.	CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202263			202284			202284			202304			202304			202371			202371			202389		
Sample Date	06/26/1998			07/28/1998			07/28/1998			08/26/1998			08/26/1998			09/24/1998			09/24/1998			10/01/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	9.9		ug/l	17		ug/l	17		ug/l	18		ug/l	18		ug/l	17		ug/l	17		ug/l	19		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	34		ug/l	62		ug/l	46		ug/l	59		ug/l	42		ug/l	66		ug/l	50		ug/l	64		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1200		ug/l	1700		ug/l	1700		ug/l	2100		ug/l	2100		ug/l	2200		ug/l	2300		ug/l	2200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287	CC287	CC287	CC287	CC287	CC287	CC287	CC287
Location Cross Ref.	CC287/CC-12/CC-1	CC287/CC-12/CC-1	CC287/CC-12/CC-1	CC287/CC-12/CC-1	CC287/CC-12/CC-1	CC287/CC-12/CC-1	CC287/CC-12/CC-1	CC287/CC-12/CC-1
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(7) IDEQ/OTHER	(7) IDEQ/OTHER	(7) IDEQ/OTHER	(7) IDEQ/OTHER	(7) IDEQ/OTHER	(7) IDEQ/OTHER	(7) IDEQ/OTHER	(7) IDEQ/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	202389	202397	202397	202421	202421	202440	202440	202476
Sample Date	10/01/1998	10/08/1998	10/08/1998	10/26/1998	10/26/1998	11/25/1998	11/25/1998	01/15/1999
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	D6010	6010	D6010	6010	D6010	6010	D6010	6010

Analyte	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit
Aluminum																					
Antimony																					
Arsenic																					
Barium																					
Beryllium																					
Cadmium	18		ug/l	20		ug/l	21		ug/l	18		ug/l	19		ug/l	52		ug/l	49		ug/l	25		ug/l
Calcium																					
Chromium																					
Cobalt																					
Copper																					
Cyanide																					
Iron																					
Lead	39		ug/l	61		ug/l	45		ug/l	47		ug/l	34		ug/l	97		ug/l	54		ug/l	68		ug/l
Lithium																					
Magnesium																					
Manganese																					
Mercury																					
Molybdenum																					
Nickel																					
Potassium																					
Selenium																					
Silicon																					
Silver																					
Sodium																					
Strontium																					
Sulfur																					
Thallium																					
Titanium																					
Uranium																					
Vanadium																					
Zinc	2300		ug/l	2700		ug/l	2700		ug/l	2300		ug/l	2300		ug/l	7000		ug/l	7200		ug/l	3700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC287			CC287			CC287			CC287			CC287			CC288			CC288			CC288		
Location Cross Ref.	CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC287/CC-12/CC-1			CC288			CC288			CC288		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202476			202497			202497			202516			202516			168490			168490			168595		
Sample Date	01/15/1999			02/23/1999			02/23/1999			03/08/1999			03/08/1999			11/09/1997			11/09/1997			01/13/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																20	U	ug/l	42	U	ug/l	140		ug/l
Antimony																4.2		ug/l	5		ug/l	4.1	J	ug/l
Arsenic																0.18		ug/l	0.39	U	ug/l	0.12	U	ug/l
Barium																31		ug/l	31		ug/l	35		ug/l
Beryllium																1	U	ug/l	0.35	U	ug/l	0.26	U	ug/l
Cadmium	27		ug/l	30		ug/l	29		ug/l	28		ug/l	28		ug/l	20		ug/l	18		ug/l	31		ug/l
Calcium																11000		ug/l	10000		ug/l	14000		ug/l
Chromium																5	U	ug/l	6	U	ug/l	4.5	U	ug/l
Cobalt																5	U	ug/l	5	U	ug/l	3.9	U	ug/l
Copper																1.3		ug/l	2.4	J	ug/l	0.89	J	ug/l
Cyanide																								
Iron																18		ug/l	120		ug/l	25		ug/l
Lead	38		ug/l	46		ug/l	28		ug/l	46		ug/l	31		ug/l	50		ug/l	78		ug/l	30		ug/l
Lithium																								
Magnesium																2700		ug/l	2500		ug/l	3300		ug/l
Manganese																69		ug/l	70		ug/l	93		ug/l
Mercury																0.2	U	ug/l	0.1	U	ug/l	0.1	UJ	ug/l
Molybdenum																								
Nickel																1.2		ug/l	5	U	ug/l	4.3	U	ug/l
Potassium																770		ug/l	500	J	ug/l	610	J	ug/l
Selenium																1	U	ug/l	0.21	U	ug/l	0.48	U	ug/l
Silicon																								
Silver																0.03	U	ug/l	0.22	U	ug/l	0.11	U	ug/l
Sodium																1400		ug/l	1400		ug/l	2500	J	ug/l
Strontium																								
Sulfur																								
Thallium																0.5	U	ug/l	0.017	U	ug/l	0.58	U	ug/l
Titanium																								
Uranium																								
Vanadium																3	U	ug/l	2.3	U	ug/l	2.9	U	ug/l
Zinc	3700		ug/l	3700		ug/l	3800		ug/l	3900		ug/l	3900		ug/l	2700		ug/l	2800		ug/l	4200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC288		CC288		CC288		CC288		CC288		CC288		CC288		CC288	
Location Cross Ref.	CC288		CC288		CC288		CC288		CC288		CC288		CC288		CC288	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(2) URS/LAUCKS		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(3) URS/SOUND		(3) URS/SOUND		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	168595		46557		46557		46641		46641		186874		186874		186875	
Sample Date	01/13/1998		05/14/1998		05/14/1998		05/17/1998		05/17/1998		10/26/1998		10/26/1998		10/26/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	210 J	ug/l	50 U	ug/l	59	ug/l	17 UJ	ug/l	13 UJ	ug/l						
Antimony	5	ug/l	1.4	ug/l	1.4	ug/l	2.3 U	ug/l	2 U	ug/l						
Arsenic	0.33 J	ug/l	2 U	ug/l	2 U	ug/l	0.23 U	ug/l	0.23 U	ug/l						
Barium	37	ug/l	16	ug/l	17	ug/l	18 J	ug/l	18 J	ug/l						
Beryllium	0.26 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.11 U	ug/l	0.11 U	ug/l						
Cadmium	32	ug/l	5.4	ug/l	5.2	ug/l	6.7 J	ug/l	6.7 J	ug/l	18	ug/l	21	ug/l	19	ug/l
Calcium	14000	ug/l	3700	ug/l	3500	ug/l	4300 J	ug/l	4300 J	ug/l			14000	ug/l		
Chromium	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	0.4 U	ug/l	0.4 U	ug/l						
Cobalt	3.9 U	ug/l	10 U	ug/l	10 U	ug/l	0.13 UJ	ug/l	0.12 UJ	ug/l						
Copper	2.5 J	ug/l	2 U	ug/l	2 U	ug/l	1.2 J	ug/l	1.2 J	ug/l						
Cyanide																
Iron	190	ug/l	26	ug/l	110	ug/l	110 J	ug/l	110 J	ug/l						
Lead	120	ug/l	25	ug/l	51	ug/l					43	ug/l	31	ug/l	42	ug/l
Lithium																
Magnesium	3400	ug/l	940	ug/l	920	ug/l	1100 J	ug/l	1100 J	ug/l			3500	ug/l		
Manganese	110	ug/l	33	ug/l	37	ug/l	43 J	ug/l	43 J	ug/l						
Mercury	0.1 UJ	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.16 U	ug/l	0.16 U	ug/l						
Molybdenum																
Nickel	4.3	ug/l	20 U	ug/l	20 U	ug/l	0.25 J	ug/l	0.32 J	ug/l						
Potassium	720 J	ug/l	2000 U	ug/l	2000 U	ug/l	1600 U	ug/l	1600 U	ug/l						
Selenium	0.48 U	ug/l	2 U	ug/l	2 U	ug/l	1.3 U	ug/l	1.3 U	ug/l						
Silicon																
Silver	0.11 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.042 UJ	ug/l	0.042 U	ug/l						
Sodium	2000 J	ug/l	780	ug/l	790	ug/l	790 J	ug/l	840 J	ug/l						
Strontium																
Sulfur																
Thallium	0.11 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.058 U	ug/l	0.058 U	ug/l						
Titanium																
Uranium																
Vanadium	2.9 U	ug/l	10 U	ug/l	10 U	ug/l	0.11 U	ug/l	0.11 U	ug/l						
Zinc	4400	ug/l	670	ug/l	680	ug/l					2300	ug/l	2400	ug/l	2200	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC288		CC288		CC288		CC288		CC288		CC288		CC288		CC288	
Location Cross Ref.	CC288		CC288		CC288		CC288		CC288		CC288		CC288		CC288	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(18) USGS/OTHER		(11) URS/SWRI		(11) URS/SWRI		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	186875		49001		49001		186876		186876		186877		186877		186878	
Sample Date	10/26/1998		11/14/1998		11/14/1998		11/18/1998		11/18/1998		12/15/1998		12/15/1998		12/28/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		DIN-CLP-LOW		IN-CLP-LOW		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum			50 U	ug/l	50 U	ug/l										
Antimony			6.1	ug/l	6.9	ug/l										
Arsenic			1 U	ug/l	1 U	ug/l										
Barium			48	ug/l	49	ug/l										
Beryllium			1 U	ug/l	1 U	ug/l										
Cadmium	21	ug/l	34	ug/l	34	ug/l			31	ug/l	31	ug/l	28	ug/l	32	ug/l
Calcium	15000	ug/l	18000	ug/l	18000	ug/l			16000	ug/l			13000	ug/l		
Chromium			5 U	ug/l	5 U	ug/l										
Cobalt			5 U	ug/l	5 U	ug/l										
Copper			5 U	ug/l	5 U	ug/l										
Cyanide																
Iron			50 U	ug/l	170	ug/l										
Lead	32	ug/l	35	ug/l	84 J	ug/l	49	ug/l	32	ug/l	52	ug/l	29	ug/l	230	ug/l
Lithium																
Magnesium	3700	ug/l	4400	ug/l	4500	ug/l			4100	ug/l			3400	ug/l		
Manganese			100	ug/l	110	ug/l										
Mercury			0.2 U	ug/l	0.2 U	ug/l										
Molybdenum																
Nickel			5 U	ug/l	5 U	ug/l										
Potassium			790	ug/l	770	ug/l										
Selenium			1 U	ug/l	1 U	ug/l										
Silicon																
Silver			5 U	ug/l	5 U	ug/l										
Sodium			2300	ug/l	2300	ug/l										
Strontium																
Sulfur																
Thallium			1 U	ug/l	1 UJ	ug/l										
Titanium																
Uranium																
Vanadium			5 U	ug/l	5 U	ug/l										
Zinc	2600	ug/l	4600	ug/l	4600	ug/l	3900	ug/l	4300	ug/l	4500	ug/l	4300	ug/l	4200	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC288		CC288		CC288		CC288		CC288		CC288		CC288		CC288	
Location Cross Ref.	CC288		CC288		CC288		CC288		CC288		CC288		CC288		CC288	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	186878		186879		186879		186880		186880		186881		186881		186882	
Sample Date	12/28/1998		03/23/1999		03/23/1999		04/19/1999		04/19/1999		05/05/1999		05/05/1999		05/24/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	30	ug/l	26	ug/l	26	ug/l	15	ug/l	14	ug/l	9	ug/l	9.2	ug/l	11	ug/l
Calcium	13000	ug/l			8700	ug/l			6200	ug/l			5900	ug/l		
Chromium																
Cobalt																
Copper																
Cyanide																
Iron											120	ug/l	26	ug/l	5400	ug/l
Lead	31	ug/l	120	ug/l	40	ug/l	370	ug/l	22	ug/l	55	ug/l	22	ug/l	2000	ug/l
Lithium																
Magnesium	3400	ug/l			2200	ug/l			1600	ug/l			1500	ug/l		
Manganese											82	ug/l	81	ug/l	560	ug/l
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium													1200	ug/l		
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	4400	ug/l	3600	ug/l	3600	ug/l	1900	ug/l	1800	ug/l	1300	ug/l	1300	ug/l	1400	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC288		CC288		CC288		CC288		CC288		CC288		CC288		CC288	
Location Cross Ref.	CC288		CC288		CC288		CC288		CC288		CC288		CC288		CC288	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	186882		186882		186883		186883		186884		186884		186885		186885	
Sample Date	05/24/1999		05/24/1999		05/27/1999		05/27/1999		06/02/1999		06/02/1999		06/15/1999		06/15/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	5.8	ug/l			5	ug/l	4.8	ug/l	5	ug/l	4.4	ug/l	4	ug/l	0.0036	mg/l
Calcium			3	mg/l			3000	ug/l			3200	ug/l			2.8	mg/l
Chromium																
Cobalt																
Copper																
Cyanide																
Iron	16	ug/l			780	ug/l	9	ug/l	230	ug/l	18	ug/l				
Lead	26	ug/l			250	ug/l	17	ug/l	99	ug/l	23	ug/l	150	ug/l	0.018	mg/l
Lithium																
Magnesium			0.75	mg/l			750	ug/l			810	ug/l			0.69	mg/l
Manganese	45	ug/l			110	ug/l	36	ug/l	51	ug/l	36	ug/l				
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium			0.77	mg/l			770	ug/l							0.66	mg/l
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	670	ug/l			660	ug/l	600	ug/l	570	ug/l	570	ug/l	470	ug/l	0.45	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC288	CC288	CC288	CC288	CC288	CC288	CC288	CC288
Location Cross Ref.	CC288	CC288	CC288	CC288	CC288	CC288	CC288	CC288
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	202176	202176	202176	202177	202177	202177	202178	202178
Sample Date	07/08/1999	07/08/1999	07/08/1999	08/05/1999	08/05/1999	08/05/1999	08/30/1999	08/30/1999
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	D6010	6010	D6010	D6010	6010	D6010	D6010	6010

Analyte	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit
Aluminum																					
Antimony																					
Arsenic																					
Barium																					
Beryllium																					
Cadmium				5.4		ug/l	5		ug/l				13		ug/l	12		ug/l				15		ug/l
Calcium	4.6		mg/l							9.9		mg/l							13		mg/l			
Chromium																					
Cobalt																					
Copper																					
Cyanide																					
Iron																					
Lead				33		ug/l	20		ug/l				59		ug/l	31		ug/l				51		ug/l
Lithium																					
Magnesium	1.2		mg/l							2.5		mg/l							3.2		mg/l			
Manganese																					
Mercury																					
Molybdenum																					
Nickel																					
Potassium																					
Selenium																					
Silicon																					
Silver																					
Sodium	0.81		mg/l							1.3		mg/l							1.4		mg/l			
Strontium																					
Sulfur																					
Thallium																					
Titanium																					
Uranium																					
Vanadium																					
Zinc				660		ug/l	700		ug/l				1400		ug/l	1500		ug/l				1800		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC288			CC356			CC356			CC357			CC357			CC452			CC452			CC452		
Location Cross Ref.	CC288			AD356			AD356			AD357			AD357			CANYON SILVER MIN			CANYON SILVER MIN			CANYON SILVER MIN		
Location Type	River/Stream			Adit			Adit			Spring/Seep			Spring/Seep			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(18) USGS/OTHER			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(11) URS/SWRI			(11) URS/SWRI			(23) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			13.5 - 13.5			13.5 - 13.5			13.5 - 13.5		
Sample Number	202178			46438			46438			46439			46439			49130			49130			61390		
Sample Date	08/30/1999			05/15/1998			05/15/1998			05/16/1998			05/16/1998			12/05/1998			12/05/1998			12/02/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.01	J	mg/l	0.0007	UJ	mg/l	0.034	J	mg/l	0.0007	UJ	mg/l	50	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony				0.0005	U	mg/l	0.0005	U	mg/l	0.001	U	mg/l	0.0005	U	mg/l	1	U	ug/l	1	U	ug/l	2	U	ug/l
Arsenic				0.0002	U	mg/l	0.0004	J	mg/l	0.0006	U	mg/l	0.0005	J	mg/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Barium				0.066	J	mg/l	0.065	J	mg/l	0.043	J	mg/l	0.041	J	mg/l	75		ug/l	77		ug/l	53		ug/l
Beryllium				0.0001	U	mg/l	0.0001	U	mg/l	0.0001	U	mg/l	0.0001	U	mg/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	15		ug/l	0.0003	J	mg/l	0.0003	J	mg/l	0.053	J	mg/l	0.052	J	mg/l	43		ug/l	43		ug/l	23		ug/l
Calcium				75	J	mg/l	74	J	mg/l	31	J	mg/l	30	J	mg/l	20000		ug/l	21000		ug/l	14000		ug/l
Chromium				0.0004	U	mg/l	0.0004	U	mg/l	0.0004	U	mg/l	0.0004	U	mg/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt				0.0002	U	mg/l	0.0002	U	mg/l	0.0039	J	mg/l	0.0038	J	mg/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper				0.0008	J	mg/l	0.0006	J	mg/l	0.0061	J	mg/l	0.0041	J	mg/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cyanide																								
Iron				0.67		mg/l	0.62	J	mg/l							50	U	ug/l	50	U	ug/l	25	U	ug/l
Lead	37		ug/l	0.005		mg/l	0.0015	J	mg/l	0.2		mg/l	0.041		mg/l	60		ug/l	66		ug/l	36		ug/l
Lithium																								
Magnesium				16		mg/l	16		mg/l	7.5		mg/l	7.4		mg/l	4100		ug/l	4300		ug/l	2800		ug/l
Manganese				0.019		mg/l	0.019	J	mg/l				3.9	J	mg/l	14		ug/l	13		ug/l	5	U	ug/l
Mercury				0.0002	U	mg/l	0.0002	UJ	mg/l	0.0002	U	mg/l	0.0002	UJ	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel				0.0026	J	mg/l	0.0027	J	mg/l	0.0036	J	mg/l	0.0038	J	mg/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium				1.6	U	mg/l	2.1	J	mg/l	2.8	J	mg/l	3.4	J	mg/l	1500		ug/l	1500		ug/l	1000		ug/l
Selenium				0.0013	U	mg/l	0.0013	U	mg/l	0.0013	U	mg/l	0.0013	U	mg/l	1	U	ug/l	1	U	ug/l	2	U	ug/l
Silicon																								
Silver										0.0001	U	mg/l				5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium				5.7		mg/l	5.5		mg/l	1.6	J	mg/l	1.4	J	mg/l	18000		ug/l	18000		ug/l	9000		ug/l
Strontium																								
Sulfur																								
Thallium				0.0001	U	mg/l	0.0001	U	mg/l	0.0001	U	mg/l	0.0001	U	mg/l	1	U	ug/l	1	U	ug/l	0.5	U	ug/l
Titanium																								
Uranium																								
Vanadium				0.0001	U	mg/l	0.0001	U	mg/l	0.0001	U	mg/l	0.0001	U	mg/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	1800		ug/l	0.21		mg/l	0.21	J	mg/l							5200		ug/l	5400		ug/l	2500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC452			CC453			CC453			CC453			CC453			CC453			CC453			CC453		
Location Cross Ref.	CANYON SILVER MIN			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	13.5 - 13.5			32.5 - 32.5			32.5 - 32.5			32.5 - 32.5			32.5 - 32.5			18 - 18			18 - 18			12 - 12		
Sample Number	61390			49118			49118			49119			49119			49120			49120			49121		
Sample Date	12/02/1999			12/07/1998			12/07/1998			12/07/1998			12/07/1998			12/07/1998			12/07/1998			12/07/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l
Antimony	2	U	ug/l	0.2	U	ug/l	0.23	U	ug/l	0.2	U	ug/l	0.53	U	ug/l	0.21	U	ug/l	0.16	U	ug/l	0.23	U	ug/l
Arsenic	1	UJ	ug/l	0.43	U	ug/l	0.61	U	ug/l	0.55	U	ug/l	0.68	U	ug/l	0.65	U	ug/l	0.52	U	ug/l	0.68	U	ug/l
Barium	53		ug/l	37		ug/l	40		ug/l	39		ug/l	37		ug/l	39		ug/l	37		ug/l	40		ug/l
Beryllium	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.3	J	ug/l	0.3	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l
Cadmium	22		ug/l	220		ug/l	220		ug/l	220		ug/l	190		ug/l	220		ug/l	160	J	ug/l	220		ug/l
Calcium	14000		ug/l	22000		ug/l	24000		ug/l	23000		ug/l	22000		ug/l	23000		ug/l	22000		ug/l	23000		ug/l
Chromium	5	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l
Cobalt	5	U	ug/l	0.66	J	ug/l	0.7	J	ug/l	0.92	J	ug/l	0.71	J	ug/l	0.79	J	ug/l	0.6	J	ug/l	1.4	J	ug/l
Copper	5	U	ug/l	26		ug/l	25		ug/l	26		ug/l	30		ug/l	26		ug/l	25		ug/l	26		ug/l
Cyanide																								
Iron	25	U	ug/l	6.9	U	ug/l	6.9	U	ug/l	6.9	U	ug/l	6.9	U	ug/l	8.5	J	ug/l	6.9	U	ug/l	6.9	U	ug/l
Lead	37		ug/l	320		ug/l	340		ug/l	330		ug/l	280		ug/l	300		ug/l	220	J	ug/l	360		ug/l
Lithium																								
Magnesium	2800		ug/l	6000		ug/l	6500		ug/l	6300		ug/l	6100		ug/l	6400		ug/l	6100		ug/l	6400		ug/l
Manganese	5	U	ug/l	12		ug/l	14		ug/l	14		ug/l	13		ug/l	13		ug/l	11		ug/l	17		ug/l
Mercury	0.2	U	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l
Molybdenum																								
Nickel	5	U	ug/l	12	J	ug/l	10	J	ug/l	11	J	ug/l	5.7	U	ug/l	10	J	ug/l	9.3	J	ug/l	15	J	ug/l
Potassium	1200		ug/l	1200		ug/l	1500		ug/l	1400		ug/l	1400		ug/l	1500		ug/l	1400		ug/l	1400		ug/l
Selenium	2	U	ug/l	1.7	J	ug/l	1.3	J	ug/l	1.9	J	ug/l	1.3	J	ug/l	2.1	J	ug/l	1.1	J	ug/l	1.6	J	ug/l
Silicon																								
Silver	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	20		ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l
Sodium	9000		ug/l	4300		ug/l	4800	J	ug/l	4600		ug/l	4500	J	ug/l	4700		ug/l	4500	J	ug/l	4800		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l
Zinc	2500		ug/l	36000		ug/l	35000		ug/l	36000		ug/l	35000		ug/l	35000		ug/l	36000		ug/l	36000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC453		CC453		CC453		CC453		CC453		CC454		CC454		CC454	
Location Cross Ref.	STAR TAILINGS PON		STAR TAILINGS PON		STAR TAILINGS PON		STAR TAILINGS PON		STAR TAILINGS PON							
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(11) URS/LAUCKS		(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	12 - 12		12 - 12		12 - 12		32.5 - 32.5		32.5 - 32.5		-		-		-	
Sample Number	49121		61389		61389		61433		61433		48866		48866		61396	
Sample Date	12/07/1998		12/02/1999		12/02/1999		12/02/1999		12/02/1999		11/13/1998		11/13/1998		12/02/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	68 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	68 U	ug/l	200	ug/l	50 U	ug/l
Antimony	0.19 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	6.3	ug/l	12	ug/l	3.9 J	ug/l
Arsenic	0.58 U	ug/l	1 U	ug/l	1 UJ	ug/l	1 U	ug/l	1 UJ	ug/l	0.2 U	ug/l	2.2	ug/l	1 U	ug/l
Barium	40	ug/l	45	ug/l	45	ug/l	44	ug/l	44	ug/l	39	ug/l	42	ug/l	29	ug/l
Beryllium	0.28 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	1 U	ug/l
Cadmium	230	ug/l	180	ug/l	180	ug/l	180	ug/l	180	ug/l	12 J	ug/l	16	ug/l	8	ug/l
Calcium	23000	ug/l	18000	ug/l	18000	ug/l	18000	ug/l	18000	ug/l	13000	ug/l	13000	ug/l	8400	ug/l
Chromium	0.098 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	0.058 U	ug/l	0.34 J	ug/l	5 U	ug/l
Cobalt	0.74 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	0.32 U	ug/l	0.72 J	ug/l	5 U	ug/l
Copper	25	ug/l	21	ug/l	20	ug/l	20	ug/l	20	ug/l	0.47 U	ug/l	12	ug/l	5 U	ug/l
Cyanide																
Iron	7.1 J	ug/l	25 U	ug/l	25 U	ug/l	25 U	ug/l	25 U	ug/l	6.9 U	ug/l	1600	ug/l	43 J	ug/l
Lead	370	ug/l	490	ug/l	460	ug/l	290 J	ug/l	290	ug/l	16	ug/l	720	ug/l	17	ug/l
Lithium																
Magnesium	6300	ug/l	5200	ug/l	5200	ug/l	5100	ug/l	5100	ug/l	3100	ug/l	3100	ug/l	2100	ug/l
Manganese	13	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	98	ug/l	190	ug/l	63	ug/l
Mercury	0.2 UJ	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	11 J	ug/l	9 J	ug/l	9.2 J	ug/l	8.8 J	ug/l	8.7 J	ug/l	5.7 U	ug/l	5.7 U	ug/l	5 U	ug/l
Potassium	1400	ug/l	1300	ug/l	1200	ug/l	1300	ug/l	1200	ug/l	630 J	ug/l	580 J	ug/l	350 J	ug/l
Selenium	1.1 J	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	2 U	ug/l
Silicon																
Silver	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l
Sodium	4700 J	ug/l	4500	ug/l	4700	ug/l	4500	ug/l	4500	ug/l	1700 J	ug/l	1500	ug/l	1300	ug/l
Strontium																
Sulfur																
Thallium	0.03 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.5 U	ug/l
Titanium																
Uranium																
Vanadium	3.2 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l
Zinc	35000	ug/l	27000	ug/l	28000	ug/l	27000	ug/l	28000	ug/l	1600	ug/l	1900	ug/l	1300	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC454			CC455			CC455			CC455			CC455			CC455			CC455			CC455		
Location Cross Ref.																								
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/SWRI			(11) URS/SWRI			(11) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	61396			48867			48867			48868			48868			49018			49018			49082		
Sample Date	12/02/1999			11/13/1998			11/13/1998			11/13/1998			11/13/1998			11/14/1998			11/14/1998			12/07/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	68	U	ug/l	160		ug/l	68	U	ug/l	150		ug/l	50	U	ug/l	50	U	ug/l	68	U	ug/l
Antimony	3.8	J	ug/l	6.1		ug/l	11		ug/l	6.1		ug/l	11		ug/l	6.6		ug/l	7.7		ug/l	5.2		ug/l
Arsenic	1	UJ	ug/l	0.2	U	ug/l	1.7	J	ug/l	0.2	U	ug/l	2		ug/l	1.2	J	ug/l	1	U	ug/l	0.36	U	ug/l
Barium	29		ug/l	38		ug/l	43		ug/l	39		ug/l	42		ug/l	46		ug/l	44		ug/l	41		ug/l
Beryllium	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	1	U	ug/l	1	U	ug/l	0.28	U	ug/l
Cadmium	7.9		ug/l	13	J	ug/l	17		ug/l	14	J	ug/l	18		ug/l	18		ug/l	18		ug/l	20		ug/l
Calcium	8300		ug/l	12000		ug/l	12000		ug/l	12000		ug/l	12000		ug/l	15000		ug/l	14000		ug/l	13000		ug/l
Chromium	5	U	ug/l	0.11	U	ug/l	0.24	J	ug/l	0.13	U	ug/l	0.23	J	ug/l	5	U	ug/l	5	U	ug/l	0.1	J	ug/l
Cobalt	5	U	ug/l	0.33	U	ug/l	0.63	J	ug/l	0.32	U	ug/l	0.66	J	ug/l	5	U	ug/l	5	U	ug/l	1.1	J	ug/l
Copper	5	U	ug/l	0.7	U	ug/l	10		ug/l	0.66	U	ug/l	10		ug/l	5	U	ug/l	5	U	ug/l	1.2	J	ug/l
Cyanide																								
Iron	110		ug/l	6.9	U	ug/l	1300		ug/l	6.9	U	ug/l	1300		ug/l	50	U	ug/l	350		ug/l	85	J	ug/l
Lead	28		ug/l	18		ug/l	550		ug/l	19		ug/l	550		ug/l	32		ug/l	110	J	ug/l	33		ug/l
Lithium																								
Magnesium	2100		ug/l	3000		ug/l	3100		ug/l	3000		ug/l	3100		ug/l	3800		ug/l	3600		ug/l	3200		ug/l
Manganese	63		ug/l	92		ug/l	150		ug/l	92		ug/l	150		ug/l	100		ug/l	100		ug/l	110		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.26		ug/l	0.2	U	ug/l	0.31		ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	UJ	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5	U	ug/l	5	U	ug/l	5.7	U	ug/l
Potassium	200	J	ug/l	600	J	ug/l	550	J	ug/l	690	J	ug/l	580	J	ug/l	610	J	ug/l	600	J	ug/l	570	J	ug/l
Selenium	2	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	1	U	ug/l	1	U	ug/l	0.36	U	ug/l
Silicon																								
Silver	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	5	U	ug/l	5	U	ug/l	4.5	U	ug/l
Sodium	1400		ug/l	1600	J	ug/l	1600		ug/l	1600	J	ug/l	1500		ug/l	1800		ug/l	1800		ug/l	1800		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.03	U	ug/l	0.18	U	ug/l	0.29	U	ug/l	0.03	U	ug/l	1	U	ug/l	1	UJ	ug/l	0.03	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	U	ug/l
Zinc	1300		ug/l	1800		ug/l	2100		ug/l	1700		ug/l	2100		ug/l	2600		ug/l	2500		ug/l	3000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC455			CC455			CC455			CC456			CC456			CC456			CC456			CC456		
Location Cross Ref.										STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON		
Location Type	River/Stream			River/Stream			River/Stream			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(11) URS/LAUCKS			(23) URS/SWRI			(23) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			28 - 28			28 - 28			14 - 14			14 - 14			8 - 8		
Sample Number	49082			61384			61384			49143			49143			49144			49144			49145		
Sample Date	12/07/1998			12/02/1999			12/02/1999			12/09/1998			12/09/1998			12/09/1998			12/09/1998			12/09/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	68	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony	5.2		ug/l	3.9	J	ug/l	3.9	J	ug/l	2.5	J	ug/l	1	U	ug/l	2.4	J	ug/l	2.4	J	ug/l	2.4	J	ug/l
Arsenic	0.49	U	ug/l	1	U	ug/l	1	UJ	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1.1	J	ug/l	1	U	ug/l
Barium	40		ug/l	30		ug/l	30		ug/l	30		ug/l	22		ug/l	30		ug/l	30		ug/l	30		ug/l
Beryllium	0.28	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	20		ug/l	9.9		ug/l	9.7		ug/l	4.5		ug/l	5		ug/l	4.5		ug/l	4.7		ug/l	4.5		ug/l
Calcium	13000		ug/l	8400		ug/l	8400		ug/l	47000		ug/l	42000		ug/l	47000		ug/l	47000		ug/l	48000		ug/l
Chromium	0.14	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	0.36	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	1.5	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cyanide																								
Iron	120		ug/l	36	J	ug/l	90	J	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l
Lead	53		ug/l	17		ug/l	31		ug/l	4.9		ug/l	1	U	ug/l	5		ug/l	5.3		ug/l	4.9		ug/l
Lithium																								
Magnesium	3200		ug/l	2100		ug/l	2100		ug/l	15000		ug/l	5800		ug/l	15000		ug/l	15000		ug/l	15000		ug/l
Manganese	110		ug/l	60		ug/l	60		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.2	UJ	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5.7	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium	600	U	ug/l	560	J	ug/l	320	J	ug/l	1400		ug/l	760		ug/l	1500		ug/l	1500		ug/l	1400		ug/l
Selenium	0.36	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver	4.5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	1800	J	ug/l	1400		ug/l	1400		ug/l	3300		ug/l	2100		ug/l	3400		ug/l	3300		ug/l	3400		ug/l
Strontium																								
Sulfur																								
Thallium	0.03	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Titanium																								
Uranium																								
Vanadium	3.2	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	3000		ug/l	1600		ug/l	1600		ug/l	970		ug/l	1200		ug/l	970		ug/l	970		ug/l	980		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC456		CC456		CC456		CC456		CC456		CC457		CC457		CC457	
Location Cross Ref.	STAR TAILINGS PON		STAR TAILINGS PON		STAR TAILINGS PON		STAR TAILINGS PON		STAR TAILINGS PON							
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(11) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(23) URS/SWRI	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	8 - 8		8 - 8		8 - 8		8 - 8		8 - 8		-		-		-	
Sample Number	49145		61430		61430		61440		61440		48870		48870		61386	
Sample Date	12/09/1998		12/02/1999		12/02/1999		12/02/1999		12/02/1999		11/14/1998		11/14/1998		12/02/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Antimony	2.4 J	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	6.2	ug/l	7	ug/l	3.8 J	ug/l
Arsenic	1 U	ug/l	1.8 J	ug/l	1.2 J	ug/l	1.4 J	ug/l	1 J	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Barium	30	ug/l	34	ug/l	33	ug/l	34	ug/l	33	ug/l	48	ug/l	49	ug/l	32	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	4.8	ug/l	5.2	ug/l	5	ug/l	5.2	ug/l	4.9	ug/l	36	ug/l	36	ug/l	19	ug/l
Calcium	47000	ug/l	50000	ug/l	49000	ug/l	50000	ug/l	49000	ug/l	17000	ug/l	17000	ug/l	9900	ug/l
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cyanide																
Iron	50 U	ug/l	25 U	ug/l	25 U	ug/l	25 U	ug/l	25 U	ug/l	50 U	ug/l	290	ug/l	25 U	ug/l
Lead	5.1	ug/l	5.8	ug/l	5.9	ug/l	5.6	ug/l	5.7	ug/l	40	ug/l	120	ug/l	25	ug/l
Lithium																
Magnesium	15000	ug/l	16000	ug/l	16000	ug/l	15000	ug/l	15000	ug/l	4300	ug/l	4300	ug/l	2400	ug/l
Manganese	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	120	ug/l	120	ug/l	75	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	1400	ug/l	1600	ug/l	1400	ug/l	1400	ug/l	1500	ug/l	780	ug/l	770	ug/l	560 J	ug/l
Selenium	1 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l	2 U	ug/l
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	3300	ug/l	3700	ug/l	3700	ug/l	3600	ug/l	3700	ug/l	2200	ug/l	2300	ug/l	1400	ug/l
Strontium																
Sulfur																
Thallium	1 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	1 U	ug/l	1 U	ug/l	0.5 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	970	ug/l	1000	ug/l	1000	ug/l	1000	ug/l	1000	ug/l	4800	ug/l	4800	ug/l	2700	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC457			CC459			CC459			CC459			CC459			CC459			CC459			CC459		
Location Cross Ref.				HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR		
Location Type	River/Stream			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(23) URS/SWRI		
Matrix Type	Surface Water			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			45.7 - 45.7			45.7 - 45.7			22.8 - 22.8			22.8 - 22.8			16.8 - 16.8			16.8 - 16.8			16.8 - 16.8		
Sample Number	61386			49138			49138			49139			49139			49140			49140			61456		
Sample Date	12/02/1999			12/08/1998			12/08/1998			12/08/1998			12/08/1998			12/08/1998			12/08/1998			12/03/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	50	U	ug/l
Antimony	3.9	J	ug/l	0.74	U	ug/l	0.75	U	ug/l	0.71	U	ug/l	0.69	U	ug/l	0.1	U	ug/l	0.95	U	ug/l	2.2	J	ug/l
Arsenic	1	U	ug/l	0.57	J	ug/l	0.56	J	ug/l	0.37	J	ug/l	0.56	J	ug/l	0.62	J	ug/l	0.79	J	ug/l	1	U	ug/l
Barium	32		ug/l	54		ug/l	52		ug/l	53		ug/l	52		ug/l	57		ug/l	56		ug/l	69		ug/l
Beryllium	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	1	U	ug/l
Cadmium	18		ug/l	240		ug/l	240		ug/l	250		ug/l	240		ug/l	260		ug/l	250		ug/l	69		ug/l
Calcium	10000		ug/l	50000		ug/l	52000		ug/l	51000		ug/l	52000		ug/l	54000		ug/l	53000		ug/l	17000		ug/l
Chromium	5	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	0.14	J	ug/l	1.4	UJ	ug/l	0.15	J	ug/l	1.5	UJ	ug/l	0.15	J	ug/l	1.3	UJ	ug/l	5	U	ug/l
Copper	5	U	ug/l	23		ug/l	24	J	ug/l	24		ug/l	24	J	ug/l	25		ug/l	25	J	ug/l	7.3		ug/l
Cyanide																								
Iron	77	J	ug/l	6.9	U	ug/l	6.9	U	ug/l	6.9	U	ug/l	6.9	U	ug/l	6.9	U	ug/l	6.9	U	ug/l	25	U	ug/l
Lead	40		ug/l	9.2		ug/l	8.5		ug/l	9.4		ug/l	8.6		ug/l	10		ug/l	9.4		ug/l	2.5		ug/l
Lithium																								
Magnesium	2400		ug/l	10000		ug/l	10000		ug/l	10000		ug/l	11000		ug/l	11000		ug/l	11000		ug/l	3700		ug/l
Manganese	77		ug/l	30		ug/l	33		ug/l	57		ug/l	60		ug/l	2.7	J	ug/l	4.7	J	ug/l	5	U	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	12	J	ug/l	11	J	ug/l	11	J	ug/l	10	J	ug/l	12	J	ug/l	11	J	ug/l	5	U	ug/l
Potassium	340	J	ug/l	2500		ug/l	2500		ug/l	2700		ug/l	2600		ug/l	2600		ug/l	2700		ug/l	840		ug/l
Selenium	2	U	ug/l	1.3	J	ug/l	1.5	U	ug/l	1.1	J	ug/l	1.6	U	ug/l	1.5	J	ug/l	2.4	J	ug/l	2	U	ug/l
Silicon																								
Silver	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	5	U	ug/l
Sodium	1400		ug/l	2300		ug/l	2300	J	ug/l	2300		ug/l	2400	J	ug/l	2300		ug/l	2300	J	ug/l	1500		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.03	U	ug/l	0.15	U	ug/l	0.03	U	ug/l	0.12	U	ug/l	0.03	U	ug/l	0.15	U	ug/l	0.5	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	5	U	ug/l
Zinc	2700		ug/l	42000		ug/l	40000		ug/l	43000		ug/l	39000		ug/l	45000		ug/l	42000		ug/l	11000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC459			CC459			CC459			CC460			CC460			CC460			CC460			CC460		
Location Cross Ref.	HECLA-STAR			HECLA-STAR			HECLA-STAR			HELLA-STAR POND			HELLA-STAR POND			HELLA-STAR POND			HELLA-STAR POND			HELLA-STAR POND		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	16.8 - 16.8			45.7 - 45.7			45.7 - 45.7			47.6 - 47.6			47.6 - 47.6			13.8 - 13.8			13.8 - 13.8			7.8 - 7.8		
Sample Number	61456			61455			61455			49136			49136			49137			49137			49148		
Sample Date	12/03/1999			12/03/1999			12/03/1999			12/07/1998			12/07/1998			12/07/1998			12/07/1998			12/07/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	80	J	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l
Antimony	2.1	J	ug/l	2.2	J	ug/l	2.2	J	ug/l	1.6	J	ug/l	1.6	J	ug/l	1.7	J	ug/l	1.5	U	ug/l	2	J	ug/l
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.23	U	ug/l	0.2	U	ug/l	0.41	U	ug/l	0.3	U	ug/l	0.24	U	ug/l
Barium	73		ug/l	68		ug/l	75		ug/l	54		ug/l	55		ug/l	53		ug/l	54		ug/l	50		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.3	J	ug/l	0.28	U	ug/l	0.4	J	ug/l
Cadmium	68		ug/l	70		ug/l	69		ug/l	59		ug/l	57		ug/l	52		ug/l	50		ug/l	45		ug/l
Calcium	18000		ug/l	18000		ug/l	18000		ug/l	9800		ug/l	9900		ug/l	9100		ug/l	9400		ug/l	8500		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.058	U	ug/l	0.1	J	ug/l	0.058	U	ug/l	0.17	J	ug/l	0.058	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	1.3	J	ug/l	0.037	U	ug/l	0.94	J	ug/l	0.037	U	ug/l	1.4	J	ug/l
Copper	7.8		ug/l	7.6		ug/l	8.4		ug/l	1.7	J	ug/l	1.7	J	ug/l	2.4	J	ug/l	1.5	J	ug/l	0.91	J	ug/l
Cyanide																								
Iron	25	U	ug/l	25	U	ug/l	75	J	ug/l	6.9	U	ug/l	6.9	U	ug/l	6.9	U	ug/l	6.9	U	ug/l	6.9	U	ug/l
Lead	3.2		ug/l	2.6		ug/l	8.1		ug/l	9.7		ug/l	10		ug/l	11		ug/l	12		ug/l	9.2		ug/l
Lithium																								
Magnesium	3800		ug/l	3700		ug/l	3800		ug/l	2200		ug/l	2200		ug/l	2100		ug/l	2100		ug/l	1900		ug/l
Manganese	11		ug/l	7.6	J	ug/l	17		ug/l	5.8	J	ug/l	1.8	J	ug/l	3.6	J	ug/l	1.5	U	ug/l	4.6	J	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	6.3	J	ug/l	5.7	U	ug/l	5.7	U	ug/l
Potassium	910		ug/l	1100		ug/l	1100		ug/l	1300		ug/l	1500		ug/l	1400		ug/l	1500		ug/l	1200		ug/l
Selenium	2	U	ug/l	2	U	ug/l	2	U	ug/l	0.36	J	ug/l	0.46	J	ug/l	0.99	J	ug/l	0.36	U	ug/l	0.59	J	ug/l
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l
Sodium	1500		ug/l	1500		ug/l	1500		ug/l	2900		ug/l	3000	J	ug/l	2800		ug/l	2800	J	ug/l	2600		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l
Zinc	11000		ug/l	11000		ug/l	11000		ug/l	7300		ug/l	7000		ug/l	6600		ug/l	6300		ug/l	5700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC460			CC460			CC460			CC460			CC460			CC462			CC462			CC462		
Location Cross Ref.	HELLA-STAR POND			HELLA-STAR POND			HELLA-STAR POND			HELLA-STAR POND			HELLA-STAR POND			HECLA-STAR			HECLA-STAR			HECLA-STAR		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(11) URS/LAUCKS			(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	7.8 - 7.8			7.8 - 7.8			7.8 - 7.8			47.6 - 47.6			47.6 - 47.6			13 - 13			13 - 13			13 - 13		
Sample Number	49148			61425			61425			61457			61457			49122			49122			49123		
Sample Date	12/07/1998			12/03/1999			12/03/1999			12/03/1999			12/03/1999			12/08/1998			12/08/1998			12/08/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	68	U	ug/l	50	U	ug/l	56	J	ug/l	50	U	ug/l	50	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l
Antimony	1.7	J	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	1.2	J	ug/l	1.2	U	ug/l	1.2	J	ug/l
Arsenic	0.47	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.2	J	ug/l	0.43	J	ug/l	0.38	J	ug/l
Barium	50		ug/l	56		ug/l	59		ug/l	54		ug/l	55		ug/l	47		ug/l	48		ug/l	47		ug/l
Beryllium	0.28	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.3	J	ug/l
Cadmium	42		ug/l	45		ug/l	45		ug/l	53		ug/l	53		ug/l	180		ug/l	190		ug/l	190		ug/l
Calcium	8700		ug/l	9400		ug/l	9800		ug/l	9800		ug/l	10000		ug/l	30000		ug/l	31000		ug/l	30000		ug/l
Chromium	0.058	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.2	J	ug/l
Cobalt	0.037	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6.1		ug/l	6	J	ug/l	6		ug/l
Copper	0.9	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.56	U	ug/l	1	UJ	ug/l	0.69	U	ug/l
Cyanide																								
Iron	6.9	U	ug/l	25	U	ug/l	25	U	ug/l	25	U	ug/l	25	U	ug/l	27	J	ug/l	37	U	ug/l	29	J	ug/l
Lead	9.9		ug/l	7.6		ug/l	8.5		ug/l	9.3		ug/l	9.7		ug/l	220		ug/l	220		ug/l	230		ug/l
Lithium																								
Magnesium	2000		ug/l	2100		ug/l	2200		ug/l	2200		ug/l	2300		ug/l	5800		ug/l	6000		ug/l	5800		ug/l
Manganese	1.5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	1000		ug/l	1100		ug/l	1000		ug/l
Mercury	0.2	UJ	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5.7	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	10	J	ug/l	7.8	J	ug/l	13	J	ug/l
Potassium	1400		ug/l	1300		ug/l	1600		ug/l	1300		ug/l	1200		ug/l	1400		ug/l	1500		ug/l	1400		ug/l
Selenium	0.36	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	1.1	J	ug/l	1	U	ug/l	1.3	J	ug/l
Silicon																								
Silver	4.5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l
Sodium	2600	J	ug/l	2800		ug/l	3000		ug/l	3000		ug/l	3000		ug/l	1900		ug/l	1900	J	ug/l	1900		ug/l
Strontium																								
Sulfur																								
Thallium	0.03	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.03	U	ug/l	0.12	U	ug/l	0.03	U	ug/l
Titanium																								
Uranium																								
Vanadium	3.2	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l
Zinc	5600		ug/l	6000		ug/l	6300		ug/l	7000		ug/l	7300		ug/l	37000		ug/l	38000		ug/l	38000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC462			CC462			CC462			CC462			CC462			CC462			CC462			CC463		
Location Cross Ref.	HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(11) URS/LAUCKS		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	13 - 13			7 - 7			7 - 7			9 - 9			9 - 9			32 - 32			32 - 32			63 - 63		
Sample Number	49123			49124			49124			61476			61476			61477			61477			49083		
Sample Date	12/08/1998			12/08/1998			12/08/1998			12/04/1999			12/04/1999			12/04/1999			12/04/1999			12/07/1998		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	68	U	ug/l	68	U	ug/l	68	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	180		ug/l	68	U	ug/l
Antimony	1.2	U	ug/l	1.2	J	ug/l	1.2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	0.61	U	ug/l
Arsenic	0.58	J	ug/l	0.39	J	ug/l	0.52	J	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.2	U	ug/l
Barium	51		ug/l	47		ug/l	50		ug/l	47		ug/l	49		ug/l	44		ug/l	50		ug/l	51		ug/l
Beryllium	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.28	U	ug/l
Cadmium	180		ug/l	190		ug/l	190		ug/l	130		ug/l	130		ug/l	120		ug/l	120		ug/l	150		ug/l
Calcium	32000		ug/l	30000		ug/l	32000		ug/l	29000		ug/l	28000		ug/l	28000		ug/l	27000		ug/l	25000		ug/l
Chromium	0.058	U	ug/l	0.1	J	ug/l	0.13	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.058	U	ug/l
Cobalt	6.1	J	ug/l	6.1		ug/l	6.6	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.66	J	ug/l
Copper	0.78	UJ	ug/l	0.57	U	ug/l	3	UJ	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	41		ug/l
Cyanide																								
Iron	29	U	ug/l	110		ug/l	130		ug/l	150		ug/l	280		ug/l	95	J	ug/l	900		ug/l	6.9	U	ug/l
Lead	210		ug/l	250		ug/l	240		ug/l	180		ug/l	240		ug/l	180		ug/l	450		ug/l	15		ug/l
Lithium																								
Magnesium	6100		ug/l	5800		ug/l	6200		ug/l	5800		ug/l	5700		ug/l	5600		ug/l	5400		ug/l	5200		ug/l
Manganese	1100		ug/l	1000		ug/l	1100		ug/l	900		ug/l	890		ug/l	800		ug/l	790		ug/l	10		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	UJ	ug/l
Molybdenum																								
Nickel	8.9	J	ug/l	11	J	ug/l	5.8	J	ug/l	9.4	J	ug/l	9	J	ug/l	8.2	J	ug/l	8.4	J	ug/l	11	J	ug/l
Potassium	1600		ug/l	1500		ug/l	1600		ug/l	1800		ug/l	1800		ug/l	1800		ug/l	1900		ug/l	1700		ug/l
Selenium	1.2	U	ug/l	0.81	J	ug/l	1.4	U	ug/l	2	U	ug/l	2.2	J	ug/l	2	U	ug/l	2	U	ug/l	1.1	J	ug/l
Silicon																								
Silver	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	4.5	U	ug/l
Sodium	2000	J	ug/l	1900		ug/l	2100	J	ug/l	2200		ug/l	2200		ug/l	2400		ug/l	2500		ug/l	4100		ug/l
Strontium																								
Sulfur																								
Thallium	0.13	U	ug/l	0.03	U	ug/l	0.14	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.03	U	ug/l
Titanium																								
Uranium																								
Vanadium	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	U	ug/l
Zinc	36000		ug/l	39000		ug/l	38000		ug/l	34000		ug/l	35000		ug/l	32000		ug/l	31000		ug/l	21000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC463		CC463		CC463		CC463		CC463		CC463		CC463		CC463	
Location Cross Ref.	HECLA-STAR		HECLA-STAR		HECLA-STAR		HECLA-STAR		HECLA-STAR		HECLA-STAR		HECLA-STAR		HECLA-STAR	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	63 - 63		13 - 13		13 - 13		7 - 7		7 - 7		9 - 9		9 - 9		63 - 63	
Sample Number	49083		49084		49084		49085		49085		61382		61382		61383	
Sample Date	12/07/1998		12/07/1998		12/07/1998		12/07/1998		12/07/1998		12/02/1999		12/02/1999		12/02/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	68 U	ug/l	68 U	ug/l	68 U	ug/l	68 U	ug/l	68 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Antimony	0.54 U	ug/l	0.62 U	ug/l	0.53 U	ug/l	0.53 U	ug/l	0.45 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l
Arsenic	0.37 U	ug/l	0.38 U	ug/l	0.39 U	ug/l	0.56 U	ug/l	0.26 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Barium	52	ug/l	52	ug/l	56	ug/l	40	ug/l	41	ug/l	42	ug/l	44	ug/l	48	ug/l
Beryllium	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	0.3 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	150	ug/l	160	ug/l	150	ug/l	150	ug/l	140	ug/l	120	ug/l	120	ug/l	130	ug/l
Calcium	25000	ug/l	25000	ug/l	26000	ug/l	23000	ug/l	22000	ug/l	23000	ug/l	24000	ug/l	23000	ug/l
Chromium	0.058 U	ug/l	0.31 J	ug/l	0.11 J	ug/l	0.058 U	ug/l	0.058 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	0.2 U	ug/l	0.73 J	ug/l	0.2 U	ug/l	0.48 J	ug/l	0.16 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	39	ug/l	44	ug/l	41	ug/l	21	ug/l	20	ug/l	28	ug/l	28	ug/l	41	ug/l
Cyanide																
Iron	6.9 U	ug/l	61 J	ug/l	6.9 U	ug/l	33 J	ug/l	6.9 U	ug/l	25 U	ug/l	25 U	ug/l	25 U	ug/l
Lead	16	ug/l	20	ug/l	19	ug/l	8.2	ug/l	8.5	ug/l	6.8	ug/l	7.6	ug/l	16	ug/l
Lithium																
Magnesium	5300	ug/l	5100	ug/l	5500	ug/l	5000	ug/l	4900	ug/l	4800	ug/l	4900	ug/l	4800	ug/l
Manganese	8.3 J	ug/l	8.4 J	ug/l	7.3 J	ug/l	24	ug/l	22	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Mercury	0.2 UJ	ug/l	0.2 UJ	ug/l	0.2 UJ	ug/l	0.2 UJ	ug/l	0.2 UJ	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	9.2 J	ug/l	9 J	ug/l	8.9 J	ug/l	13 J	ug/l	5.8 J	ug/l	8.9 J	ug/l	9 J	ug/l	8.7 J	ug/l
Potassium	1800	ug/l	1600	ug/l	1800	ug/l	1600	ug/l	1500	ug/l	1600	ug/l	1500	ug/l	1600	ug/l
Selenium	0.36 U	ug/l	1.3 J	ug/l	0.74 J	ug/l	1.2 J	ug/l	0.57 J	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l
Silicon																
Silver	4.6 J	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	4200 J	ug/l	4000	ug/l	4300 J	ug/l	3900	ug/l	3900 J	ug/l	5000	ug/l	4700	ug/l	4500	ug/l
Strontium																
Sulfur																
Thallium	0.03 U	ug/l	0.15 U	ug/l	0.17 J	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l
Titanium																
Uranium																
Vanadium	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	18000	ug/l	20000	ug/l	16000	ug/l	20000	ug/l	19000	ug/l	18000	ug/l	19000	ug/l	18000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC463		CC464		CC464		CC464		CC464		CC464		CC464		CC464	
Location Cross Ref.	HECLA-STAR		HECLA-STAR		HECLA-STAR		HECLA-STAR		HECLA-STAR		HECLA-STAR		HECLA-STAR		HECLA-STAR	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(23) URS/SWRI		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	63 - 63		63 - 63		63 - 63		24 - 24		24 - 24		18 - 18		18 - 18		18 - 18	
Sample Number	61383		49090		49090		49091		49091		49092		49092		61414	
Sample Date	12/02/1999		12/08/1998		12/08/1998		12/08/1998		12/08/1998		12/08/1998		12/08/1998		12/03/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	280	ug/l	68 U	ug/l	68 U	ug/l	68 U	ug/l	68 U	ug/l	68 U	ug/l	68 U	ug/l	50 U	ug/l
Antimony	2 U	ug/l	0.15 U	ug/l	0.3 U	ug/l	0.4 U	ug/l	0.33 U	ug/l	0.42 U	ug/l	0.36 U	ug/l	2 U	ug/l
Arsenic	1 UJ	ug/l	0.2 U	ug/l	0.33 J	ug/l	0.75 U	ug/l	0.74 U	ug/l	0.58 U	ug/l	0.56 U	ug/l	1 U	ug/l
Barium	54	ug/l	16 J	ug/l	17 J	ug/l	35	ug/l	36	ug/l	38	ug/l	38	ug/l	27	ug/l
Beryllium	1 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	1 U	ug/l
Cadmium	130	ug/l	130	ug/l	130	ug/l	260	ug/l	210	ug/l	260	ug/l	260	ug/l	150	ug/l
Calcium	23000	ug/l	87000	ug/l	90000	ug/l	67000	ug/l	66000	ug/l	65000	ug/l	64000	ug/l	56000	ug/l
Chromium	5 U	ug/l	0.11 J	ug/l	0.25 J	ug/l	0.058 U	ug/l	0.12 J	ug/l	0.058 U	ug/l	0.058 U	ug/l	5 U	ug/l
Cobalt	5 U	ug/l	2.3 J	ug/l	3.1 J	ug/l	7.9	ug/l	7.2	ug/l	8.7	ug/l	8.1	ug/l	5 U	ug/l
Copper	45	ug/l	7.9	ug/l	7.7 J	ug/l	19	ug/l	17	ug/l	19	ug/l	18	ug/l	10	ug/l
Cyanide																
Iron	540	ug/l	6.9 U	ug/l	6.9 U	ug/l	88 J	ug/l	6.9 U	ug/l	6.9 U	ug/l	6.9 U	ug/l	25 U	ug/l
Lead	32	ug/l	250	ug/l	240	ug/l	2100	ug/l	1800	ug/l	2300	ug/l	2300	ug/l	690 J	ug/l
Lithium																
Magnesium	4900	ug/l	18000	ug/l	18000	ug/l	11000	ug/l	11000	ug/l	11000	ug/l	10000	ug/l	8800	ug/l
Manganese	33	ug/l	8000	ug/l	7500	ug/l	740	ug/l	740	ug/l	460	ug/l	450	ug/l	140	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	8.8 J	ug/l	7.5 J	ug/l	5.7 U	ug/l	13 J	ug/l	11 J	ug/l	17 J	ug/l	7.3 J	ug/l	9.2 J	ug/l
Potassium	1800	ug/l	5000	ug/l	4900	ug/l	3700	ug/l	3600	ug/l	3600	ug/l	3500	ug/l	3900	ug/l
Selenium	2 U	ug/l	0.36 U	ug/l	0.41 U	ug/l	1.3 J	ug/l	1.3 J	ug/l	2 J	ug/l	1.2 J	ug/l	2 U	ug/l
Silicon																
Silver	5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	530	ug/l	4.5 U	ug/l	5 U	ug/l
Sodium	4700	ug/l	5600	ug/l	5600 J	ug/l	3700	ug/l	3800 J	ug/l	3700	ug/l	3600 J	ug/l	2700	ug/l
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.03 U	ug/l	0.25 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.5 UJ	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l
Zinc	19000	ug/l	14000	ug/l	14000	ug/l	40000	ug/l	43000	ug/l	41000	ug/l	39000	ug/l	20000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC464			CC464			CC464			CC465			CC465			CC465			CC465			CC465		
Location Cross Ref.	HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	18 - 18			63 - 63			63 - 63			51 - 51			51 - 51			15 - 15			15 - 15			9 - 9		
Sample Number	61414			61415			61415			49087			49087			49088			49088			49089		
Sample Date	12/03/1999			12/03/1999			12/03/1999			12/08/1998			12/08/1998			12/08/1998			12/08/1998			12/08/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l
Antimony	2	U	ug/l	2	U	ug/l	2	U	ug/l	2.7	J	ug/l	2.6	J	ug/l	2.1	J	ug/l	2.2	J	ug/l	5		ug/l
Arsenic	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	0.21	J	ug/l	0.41	J	ug/l	0.27	J	ug/l	0.56	J	ug/l	0.2	U	ug/l
Barium	27		ug/l	14	J	ug/l	15	J	ug/l	25		ug/l	26		ug/l	22		ug/l	23		ug/l	42		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l
Cadmium	150		ug/l	120		ug/l	110		ug/l	25		ug/l	24		ug/l	21		ug/l	21		ug/l	48		ug/l
Calcium	55000		ug/l	81000		ug/l	84000		ug/l	27000		ug/l	29000		ug/l	29000		ug/l	29000		ug/l	20000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.16	J	ug/l	0.18	J	ug/l	0.21	J	ug/l	0.16	J	ug/l	0.058	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.12	J	ug/l	1.1	UJ	ug/l	0.037	U	ug/l	0.74	UJ	ug/l	0.25	J	ug/l
Copper	11		ug/l	5	U	ug/l	5	U	ug/l	0.57	U	ug/l	0.65	UJ	ug/l	0.34	U	ug/l	0.54	UJ	ug/l	1.6	U	ug/l
Cyanide																								
Iron	25	U	ug/l	25	U	ug/l	25	U	ug/l	6.9	U	ug/l	140		ug/l	6.9	U	ug/l	6.9	U	ug/l	6.9	U	ug/l
Lead	700		ug/l	29	J	ug/l	31		ug/l	14		ug/l	13		ug/l	11		ug/l	11		ug/l	27		ug/l
Lithium																								
Magnesium	8900		ug/l	16000		ug/l	17000		ug/l	8500		ug/l	9000		ug/l	9200		ug/l	9100		ug/l	5400		ug/l
Manganese	150		ug/l	6900		ug/l	7500		ug/l	4	J	ug/l	6.1	J	ug/l	2.9	J	ug/l	4	J	ug/l	8.6	J	ug/l
Mercury	0.2	U	ug/l	0.39		ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	8.7	J	ug/l	5.9	J	ug/l	7.9	J	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l
Potassium	4100		ug/l	4800		ug/l	5100		ug/l	660	J	ug/l	760		ug/l	580	J	ug/l	660	J	ug/l	630	J	ug/l
Selenium	2	U	ug/l	2	UJ	ug/l	2	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.61	U	ug/l	0.36	U	ug/l
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l
Sodium	2700		ug/l	4800		ug/l	5000		ug/l	1900		ug/l	2100	J	ug/l	2000		ug/l	2000	J	ug/l	2100		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.5	UJ	ug/l	0.5	U	ug/l	0.03	U	ug/l	0.11	U	ug/l	0.03	U	ug/l	0.11	U	ug/l	0.03	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l
Zinc	21000		ug/l	13000		ug/l	13000		ug/l	3700		ug/l	3600		ug/l	3000		ug/l	3100		ug/l	6900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC465		CC465		CC465		CC465		CC465		CC467		CC467		CC467	
Location Cross Ref.	HECLA-STAR		HECLA-STAR		HECLA-STAR		HECLA-STAR		HECLA-STAR		STAR TAILINGS PON		STAR TAILINGS PON		STAR TAILINGS PON	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(11) URS/LAUCKS		(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	9 - 9		9 - 9		9 - 9		51 - 51		51 - 51		42.5 - 42.5		42.5 - 42.5		13 - 13	
Sample Number	49089		61431		61431		61432		61432		49127		49127		49128	
Sample Date	12/08/1998		12/02/1999		12/02/1999		12/02/1999		12/02/1999		12/09/1998		12/09/1998		12/09/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	68 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	84 J	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Antimony	5	ug/l	5.7	ug/l	5.6	ug/l	4.6 J	ug/l	4.7 J	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Arsenic	0.2 U	ug/l	1 U	ug/l	1 UJ	ug/l	1 U	ug/l	1 UJ	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Barium	44	ug/l	44	ug/l	43	ug/l	34	ug/l	44	ug/l	33	ug/l	33	ug/l	32	ug/l
Beryllium	0.28 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	48	ug/l	49	ug/l	47	ug/l	41	ug/l	41	ug/l	51	ug/l	51	ug/l	50	ug/l
Calcium	20000	ug/l	20000	ug/l	19000	ug/l	20000	ug/l	23000	ug/l	25000	ug/l	25000	ug/l	25000	ug/l
Chromium	0.058 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	0.8 UJ	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	1.7 UJ	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cyanide																
Iron	6.9 U	ug/l	25 U	ug/l	25 U	ug/l	25 U	ug/l	61 J	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Lead	26	ug/l	47	ug/l	48	ug/l	36	ug/l	43	ug/l	16	ug/l	16	ug/l	16	ug/l
Lithium																
Magnesium	5500	ug/l	5800	ug/l	5600	ug/l	6300	ug/l	7000	ug/l	4800	ug/l	4800	ug/l	4800	ug/l
Manganese	9.6 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	6.1 J	ug/l	6 J	ug/l	6.3 J	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5.7 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	780	ug/l	650 J	ug/l	600 J	ug/l	620 J	ug/l	740 J	ug/l	2300	ug/l	2200	ug/l	2200	ug/l
Selenium	0.36 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l	1 J	ug/l
Silicon																
Silver	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	2100 J	ug/l	1700	ug/l	1700	ug/l	1700	ug/l	1800	ug/l	5800	ug/l	5800	ug/l	5700	ug/l
Strontium																
Sulfur																
Thallium	0.1 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Titanium																
Uranium																
Vanadium	3.2 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	6800	ug/l	7600	ug/l	7200	ug/l	5700	ug/l	6700	ug/l	9400	ug/l	9200	ug/l	9200	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC467			CC467			CC467			CC467			CC467			CC467			CC467			CC467		
Location Cross Ref.	STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	13 - 13			7 - 7			7 - 7			7 - 7			7 - 7			7 - 7			7 - 7			42.5 - 42.5		
Sample Number	49128			48914			48914			48915			48915			61426			61426			61427		
Sample Date	12/09/1998			12/09/1998			12/09/1998			12/09/1998			12/09/1998			12/02/1999			12/02/1999			12/02/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	J	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	UJ	ug/l	1	U	ug/l
Barium	33		ug/l	33		ug/l	34		ug/l	34		ug/l	34		ug/l	36		ug/l	37		ug/l	34		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	51		ug/l	51		ug/l	51		ug/l	53	J	ug/l	52		ug/l	55		ug/l	51		ug/l	54		ug/l
Calcium	25000		ug/l	25000		ug/l	25000		ug/l	25000	J	ug/l	25000		ug/l	27000		ug/l	28000		ug/l	27000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5.2		ug/l	5	U	ug/l
Cyanide																								
Iron	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	25	U	ug/l	25	U	ug/l	25	U	ug/l
Lead	17		ug/l	15		ug/l	15		ug/l	15	J	ug/l	15		ug/l	15		ug/l	14		ug/l	14		ug/l
Lithium																								
Magnesium	4800		ug/l	4800		ug/l	4800		ug/l	4800	J	ug/l	4800		ug/l	4800		ug/l	5000		ug/l	4900		ug/l
Manganese	5.8	J	ug/l	6.5	J	ug/l	6.2	J	ug/l	6.2	J	ug/l	6.2	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium	2200		ug/l	2200		ug/l	2200		ug/l	2200		ug/l	2200		ug/l	2300		ug/l	2200		ug/l	2200		ug/l
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1.3	J	ug/l	1	J	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	5700		ug/l	5600		ug/l	5700		ug/l	5400	J	ug/l	5500		ug/l	5000		ug/l	5000		ug/l	5000		ug/l
Strontium																								
Sulfur																								
Thallium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	9200		ug/l	9300		ug/l	9200		ug/l	9300	J	ug/l	9300		ug/l	9400		ug/l	9700		ug/l	9600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC467			CC468			CC468			CC468			CC468			CC468			CC468			CC469		
Location Cross Ref.	STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON			STAR TAILINGS PON		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(23) URS/SWRI			(23) URS/SWRI			(11) URS/LAUCKS		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	42.5 - 42.5			11 - 11			11 - 11			5 - 5			5 - 5			5 - 5			5 - 5			13.8 - 13.8		
Sample Number	61427			49125			49125			49126			49126			61381			61381			49141		
Sample Date	12/02/1999			12/08/1998			12/08/1998			12/08/1998			12/08/1998			11/30/1999			11/30/1999			12/08/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	50	U	ug/l	92	J	ug/l	68	U	ug/l
Antimony	2	U	ug/l	0.65	U	ug/l	0.66	U	ug/l	0.69	U	ug/l	0.67	U	ug/l	2	U	ug/l	2	U	ug/l	0.72	U	ug/l
Arsenic	1	UJ	ug/l	0.2	U	ug/l	0.32	J	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	1	U	ug/l	16		ug/l
Barium	35		ug/l	73		ug/l	72		ug/l	69		ug/l	73		ug/l	64		ug/l	67		ug/l	89		ug/l
Beryllium	1	U	ug/l	0.28	U	ug/l	0.3	J	ug/l	0.28	U	ug/l	0.28	U	ug/l	1	U	ug/l	1	U	ug/l	0.28	U	ug/l
Cadmium	53		ug/l	11		ug/l	11		ug/l	12		ug/l	12		ug/l	10		ug/l	11		ug/l	0.2	J	ug/l
Calcium	27000		ug/l	20000		ug/l	20000		ug/l	20000		ug/l	21000		ug/l	18000		ug/l	19000		ug/l	61000		ug/l
Chromium	5	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.16	J	ug/l	0.058	U	ug/l	5	U	ug/l	5	U	ug/l	0.12	J	ug/l
Cobalt	5	U	ug/l	0.037	U	ug/l	0.28	UJ	ug/l	0.037	U	ug/l	0.46	UJ	ug/l	5	U	ug/l	5	U	ug/l	2	J	ug/l
Copper	5	U	ug/l	0.95	U	ug/l	1	UJ	ug/l	0.88	U	ug/l	0.99	UJ	ug/l	5	U	ug/l	5	U	ug/l	0.2	U	ug/l
Cyanide																								
Iron	25	U	ug/l	29	J	ug/l	6.9	U	ug/l	20	J	ug/l	13	U	ug/l	25	U	ug/l	34	J	ug/l	1000		ug/l
Lead	15		ug/l	0.75	J	ug/l	0.25	U	ug/l	0.62	J	ug/l	0.25	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	6.2		ug/l
Lithium																								
Magnesium	4900		ug/l	3900		ug/l	3900		ug/l	3800		ug/l	4100		ug/l	3600		ug/l	3600		ug/l	15000		ug/l
Manganese	6.1	J	ug/l	21		ug/l	17		ug/l	19		ug/l	20		ug/l	5	U	ug/l	5	U	ug/l	760		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5	U	ug/l	5	U	ug/l	5.7	U	ug/l
Potassium	2400		ug/l	2400		ug/l	2400		ug/l	2300		ug/l	2500		ug/l	2200		ug/l	2300		ug/l	1700		ug/l
Selenium	2	U	ug/l	0.36	U	ug/l	0.6	U	ug/l	0.36	U	ug/l	0.59	U	ug/l	2	U	ug/l	2	U	ug/l	0.36	U	ug/l
Silicon																								
Silver	5	U	ug/l	4.5	U	ug/l	4.7	J	ug/l	4.5	U	ug/l	4.5	U	ug/l	5	U	ug/l	5	U	ug/l	4.5	U	ug/l
Sodium	5000		ug/l	4200		ug/l	4200	J	ug/l	4100		ug/l	4400	J	ug/l	4100		ug/l	4000		ug/l	3500		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.03	U	ug/l	0.14	U	ug/l	0.11	J	ug/l	0.16	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.11	J	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	U	ug/l
Zinc	9500		ug/l	3000		ug/l	2900		ug/l	3000		ug/l	2900		ug/l	2800		ug/l	2900		ug/l	37		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC469		CC469		CC469		CC469		CC469		CC480		CC480		CC481	
Location Cross Ref.	STAR TAILINGS PON		STAR TAILINGS PON		STAR TAILINGS PON		STAR TAILINGS PON		STAR TAILINGS PON		MOUTH CANYON CR		MOUTH CANYON CR		HECLA-STAR	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(11) URS/SWRI	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	13.8 - 13.8		7.8 - 7.8		7.8 - 7.8		10 - 10		10 - 10		12.7 - 12.7		12.7 - 12.7		17.5 - 17.5	
Sample Number	49141		49142		49142		61380		61380		61406		61406		49094	
Sample Date	12/08/1998		12/08/1998		12/08/1998		11/30/1999		11/30/1999		12/01/1999		12/01/1999		12/09/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	68 U	ug/l	68 U	ug/l	68 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	140	ug/l	50 U	ug/l
Antimony	0.9 U	ug/l	0.67 U	ug/l	0.73 U	ug/l	2 U	ug/l	2 U	ug/l	12	ug/l	13	ug/l	1.5 J	ug/l
Arsenic	14	ug/l	13	ug/l	12	ug/l	8.2	ug/l	7.9	ug/l	3.1	ug/l	3.7	ug/l	1 U	ug/l
Barium	92	ug/l	88	ug/l	88	ug/l	70	ug/l	70	ug/l	110	ug/l	100	ug/l	24	ug/l
Beryllium	0.3 J	ug/l	0.28 U	ug/l	0.28 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	0.15 J	ug/l	0.079 U	ug/l	0.079 U	ug/l	0.54 J	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	39	ug/l
Calcium	64000	ug/l	61000	ug/l	62000	ug/l	51000	ug/l	51000	ug/l	94000	ug/l	91000	ug/l	43000	ug/l
Chromium	0.097 J	ug/l	0.058 U	ug/l	0.12 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	3.3 J	ug/l	2.2 J	ug/l	3.9 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	0.087 U	ug/l	0.087 U	ug/l	0.087 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cyanide																
Iron	750	ug/l	830	ug/l	720	ug/l	2300	ug/l	2400	ug/l	25 U	ug/l	130	ug/l	50 U	ug/l
Lead	0.04 U	ug/l	1.5 J	ug/l	0.19 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	5.1	ug/l	4.7	ug/l
Lithium																
Magnesium	16000	ug/l	16000	ug/l	16000	ug/l	13000	ug/l	12000	ug/l	39000	ug/l	38000	ug/l	7300	ug/l
Manganese	810	ug/l	860	ug/l	870	ug/l	920	ug/l	910	ug/l	5 U	ug/l	14	ug/l	5 U	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5.7 U	ug/l	5.7 U	ug/l	5.7 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	1800	ug/l	1700	ug/l	1800	ug/l	1800	ug/l	1700	ug/l	6500	ug/l	6300	ug/l	730 J	ug/l
Selenium	0.36 U	ug/l	0.36 U	ug/l	0.54 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l
Silicon																
Silver	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	3700 J	ug/l	4100	ug/l	3600 J	ug/l	3300	ug/l	3400	ug/l	44000	ug/l	41000	ug/l	2000	ug/l
Strontium																
Sulfur																
Thallium	0.22 U	ug/l	0.11 J	ug/l	0.27 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	1 U	ug/l
Titanium																
Uranium																
Vanadium	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	34	ug/l	17	ug/l	16	ug/l	5 U	ug/l	5 U	ug/l	100	ug/l	88	ug/l	5800	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC481			CC481			CC481			CC481			CC481			CC481			CC481			CC482		
Location Cross Ref.	HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR			HECLA-STAR					
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			River/Stream		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(11) URS/SWRI		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Surface Water		
Depth Range in Ft.	17.5 - 17.5			11.5 - 11.5			11.5 - 11.5			11.5 - 11.5			11.5 - 11.5			11.5 - 11.5			11.5 - 11.5			-		
Sample Number	49094			49095			49095			61404			61404			61405			61405			48871		
Sample Date	12/09/1998			12/09/1998			12/09/1998			12/01/1999			12/01/1999			12/01/1999			12/01/1999			11/14/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony	1.6	J	ug/l	1.6	J	ug/l	1.6	J	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	6.1		ug/l
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Barium	24		ug/l	23		ug/l	24		ug/l	15	J	ug/l	15	J	ug/l	15	J	ug/l	15	J	ug/l	49		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	43		ug/l	41		ug/l	45		ug/l	21		ug/l	20		ug/l	21		ug/l	20		ug/l	34		ug/l
Calcium	43000		ug/l	42000		ug/l	43000		ug/l	42000		ug/l	43000		ug/l	42000		ug/l	43000		ug/l	18000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cyanide																								
Iron	50	U	ug/l	50	U	ug/l	50	U	ug/l	25	U	ug/l	25	U	ug/l	25	U	ug/l	25	U	ug/l	50	U	ug/l
Lead	6.3		ug/l	5.9		ug/l	7.6		ug/l	16		ug/l	16		ug/l	15		ug/l	17		ug/l	37		ug/l
Lithium																								
Magnesium	7200		ug/l	7000		ug/l	7100		ug/l	6700		ug/l	6800		ug/l	6800		ug/l	6900		ug/l	4500		ug/l
Manganese	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	100		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium	770		ug/l	720	J	ug/l	800		ug/l	630	J	ug/l	590	J	ug/l	590	J	ug/l	660	J	ug/l	790		ug/l
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	2200		ug/l	1900		ug/l	2200		ug/l	1500		ug/l	1600		ug/l	1500		ug/l	1600		ug/l	2200		ug/l
Strontium																								
Sulfur																								
Thallium	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	1	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	6000		ug/l	5800		ug/l	6200		ug/l	2600		ug/l	2600		ug/l	2500		ug/l	2700		ug/l	4600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC482		CC482		CC482		CC482		CC482		CC800		CC811		CC811	
Location Cross Ref.											CC/SF CONFLUENCE		EFFL 001A		EFFL 001A	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge	
(Ref) Source/Lab	(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(8) EPAREG10/OTHER		(8) EPAREG10/EPARE		(8) EPAREG10/EPARE	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	48871		49093		49093		61403		61403		173218		174723		174301	
Sample Date	11/14/1998		12/09/1998		12/09/1998		12/01/1999		12/01/1999		03/24/1998		01/15/1994		01/31/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010		6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l						
Antimony	6.6	ug/l	5.5	ug/l	5.7	ug/l	3.9 J	ug/l	3.9 J	ug/l	45 U	ug/l				
Arsenic	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	40 U	ug/l				
Barium	49	ug/l	45	ug/l	46	ug/l	34	ug/l	36	ug/l						
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l						
Cadmium	34	ug/l	36	ug/l	37	ug/l	20	ug/l	20	ug/l	21	ug/l	0.004	mg/l	0.023	mg/l
Calcium	18000	ug/l	17000	ug/l	17000	ug/l	11000	ug/l	11000	ug/l	7900	ug/l				
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l						
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l						
Copper	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	15	ug/l				
Cyanide																
Iron	180	ug/l	50 U	ug/l	110	ug/l	25 U	ug/l	57 J	ug/l						
Lead	83	ug/l	37	ug/l	65	ug/l	24	ug/l	36	ug/l	910	ug/l			0.037	mg/l
Lithium																
Magnesium	4500	ug/l	4200	ug/l	4200	ug/l	2600	ug/l	2600	ug/l	2000	ug/l				
Manganese	110	ug/l	110	ug/l	110	ug/l	62	ug/l	63	ug/l	280	ug/l				
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.58	ug/l				
Molybdenum																
Nickel	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l						
Potassium	760	ug/l	800	ug/l	780	ug/l	600 J	ug/l	370 J	ug/l						
Selenium	1 U	ug/l	1 U	ug/l	1 U	ug/l	2 U	ug/l	2 U	ug/l	100 U	ug/l				
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	4 U	ug/l				
Sodium	2100	ug/l	2700	ug/l	2600	ug/l	1400	ug/l	1500	ug/l						
Strontium																
Sulfur																
Thallium	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.5 U	ug/l	0.5 U	ug/l						
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l						
Zinc	4600	ug/l	5400	ug/l	5400	ug/l	3000	ug/l	3100	ug/l	2700	ug/l	0.32	mg/l	1.4	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC811			CC811			CC811			CC811			CC811			CC811			CC811			CC811		
Location Cross Ref.	EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174724			174302			174725			174303			174726			174304			174727			174305		
Sample Date	02/15/1994			02/28/1994			03/15/1994			03/31/1994			04/15/1994			04/30/1994			05/15/1994			05/31/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.007		mg/l	0.005		mg/l	0.004		mg/l	0.006		mg/l	0.006		mg/l	0.007		mg/l	0.006		mg/l	0.006		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.03		mg/l				0.04		mg/l				0.034		mg/l				0.12		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.55		mg/l	0.47		mg/l	0.38		mg/l	0.53		mg/l	0.51		mg/l	0.53		mg/l	0.47		mg/l	0.72		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC811			CC811			CC811			CC811			CC811			CC811			CC811			CC811		
Location Cross Ref.	EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174728			174306			174729			174307			174730			174308			174731			174309		
Sample Date	06/15/1994			06/30/1994			07/15/1994			07/31/1994			08/15/1994			08/31/1994			09/15/1994			09/30/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.005		mg/l	0.005		mg/l	0.005		mg/l	0.006		mg/l	0.005		mg/l	0.005		mg/l	0.004		mg/l	0.004		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.05		mg/l				0.047		mg/l				0.037		mg/l				0.04		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.63		mg/l	0.49		mg/l	0.44		mg/l	0.43		mg/l	0.39		mg/l	0.31		mg/l	0.3		mg/l	0.38		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC811			CC811			CC811			CC811			CC811			CC811			CC811			CC811		
Location Cross Ref.	EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174732			174310			174733			174311			174734			174312			174735			174313		
Sample Date	10/15/1994			10/31/1994			11/15/1994			11/30/1994			12/15/1994			12/31/1994			01/15/1995			01/31/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.004		mg/l	0.005		mg/l	0.004		mg/l	0.006		mg/l	0.005		mg/l	0.004		mg/l	0.003		mg/l	0.004		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.037		mg/l				0.033		mg/l				0.036		mg/l				0.042		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.33		mg/l	0.44		mg/l	0.42		mg/l	0.5		mg/l	0.41		mg/l	0.41		mg/l	0.37		mg/l	0.4		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC811			CC811			CC811			CC811			CC811			CC811			CC811			CC811		
Location Cross Ref.	EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174736			174314			174737			174315			174738			174316			174739			174317		
Sample Date	02/15/1995			02/28/1995			03/15/1995			03/31/1995			04/15/1995			04/30/1995			05/15/1995			05/31/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.004		mg/l	0.006		mg/l	0.004		mg/l	0.007		mg/l	0.006		mg/l	0.007		mg/l	0.006		mg/l	0.007		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.037		mg/l				0.052		mg/l				0.039		mg/l				0.046		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.89		mg/l	0.43		mg/l	0.77		mg/l	0.74		mg/l	0.83		mg/l	0.64		mg/l	0.64		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC811	CC811	CC811	CC811	CC811	CC811	CC811	CC811
Location Cross Ref.	EFFL 001A	EFFL 001A	EFFL 001A	EFFL 001A	EFFL 001A	EFFL 001A	EFFL 001A	EFFL 001A
Location Type	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge
(Ref) Source/Lab	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	174740	174318	174741	174319	174742	174320	174743	174321
Sample Date	06/15/1995	06/30/1995	07/15/1995	07/31/1995	08/15/1995	08/31/1995	09/15/1995	09/30/1995
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	6010	6010	6010	6010	6010	6010	6010

Analyte	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit
Aluminum																					
Antimony																					
Arsenic																					
Barium																					
Beryllium																					
Cadmium	0.005		mg/l	0.005		mg/l	0.003		mg/l	0.003		mg/l	0.002		mg/l	0.003		mg/l	0.001		mg/l	0.005		mg/l
Calcium																					
Chromium																					
Cobalt																					
Copper																					
Cyanide																					
Iron																					
Lead				0.05		mg/l				0.043		mg/l				0.028		mg/l				0.027		mg/l
Lithium																					
Magnesium																					
Manganese																					
Mercury																					
Molybdenum																					
Nickel																					
Potassium																					
Selenium																					
Silicon																					
Silver																					
Sodium																					
Strontium																					
Sulfur																					
Thallium																					
Titanium																					
Uranium																					
Vanadium																					
Zinc	0.7		mg/l	0.47		mg/l	0.56		mg/l	0.41		mg/l	0.45		mg/l	0.46		mg/l	0.39		mg/l	0.53		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC811			CC811			CC811			CC811			CC811			CC811			CC811			CC811		
Location Cross Ref.	EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174744			174322			174745			174323			174746			174324			174747			174325		
Sample Date	10/15/1995			10/31/1995			11/15/1995			11/30/1995			12/15/1995			12/31/1995			01/15/1996			01/31/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.003		mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005		mg/l	0.004		mg/l	0.007		mg/l	0.004		mg/l	0.004		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.04		mg/l				0.087		mg/l				0.046		mg/l				0.033		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.44		mg/l	0.65		mg/l	0.44		mg/l	0.41		mg/l	0.56		mg/l	0.44		mg/l	0.34		mg/l	0.44		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC811			CC811			CC811			CC811			CC811			CC811			CC811			CC811		
Location Cross Ref.	EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/OTHER			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174748			174326			174749			174327			173204			174750			174328			174751		
Sample Date	02/15/1996			02/29/1996			03/15/1996			03/31/1996			04/02/1996			04/15/1996			04/30/1996			05/15/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.003		mg/l	0.006		mg/l	0.003		mg/l	0.004		mg/l	1.6		ug/l	0.002		mg/l	0.006		mg/l	0.004		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper													5	U	ug/l									
Cyanide																								
Iron																								
Lead				0.055		mg/l				0.055		mg/l	5.7		ug/l				0.055		mg/l			
Lithium																								
Magnesium																								
Manganese													130		ug/l									
Mercury													0.2	U	ug/l									
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver													1	U	ug/l									
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.4		mg/l	0.66		mg/l	0.41		mg/l	1.2		mg/l	290		ug/l	0.52		mg/l	1.8		mg/l	0.74		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC811			CC811			CC811			CC811			CC811			CC811			CC811			CC811		
Location Cross Ref.	EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174329			174752			174330			174753			174331			174754			174332			174755		
Sample Date	05/31/1996			06/15/1996			06/30/1996			07/15/1996			07/31/1996			08/15/1996			08/31/1996			09/15/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.01		mg/l	0.009		mg/l	0.01		mg/l	0.007		mg/l	0.006		mg/l	0.004		mg/l	0.004		mg/l	0.003		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.055		mg/l				0.05		mg/l				0.04		mg/l				0.046		mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.4		mg/l	1.7		mg/l	0.7		mg/l	1		mg/l	0.51		mg/l	0.63		mg/l	0.5		mg/l	0.47		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC811			CC811			CC811			CC811			CC811			CC811			CC811			CC811		
Location Cross Ref.	EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174333			174756			174334			174757			174335			174758			174759			174336		
Sample Date	09/30/1996			10/15/1996			10/31/1996			11/15/1996			11/30/1996			12/15/1996			01/15/1997			01/31/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.005		mg/l	0.003		mg/l	0.004		mg/l	0.003		mg/l	0.003		mg/l				0.003		mg/l	0.003		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.047		mg/l				0.033		mg/l				0.046		mg/l							0.031		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.61		mg/l	0.47		mg/l	0.43		mg/l	0.49		mg/l	0.41		mg/l	0.41		mg/l	0.36		mg/l	0.32		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC811			CC811			CC811			CC811			CC811			CC811			CC811			CC811		
Location Cross Ref.	EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174760			174337			174761			174338			174762			174339			174763			174340		
Sample Date	02/15/1997			02/28/1997			03/15/1997			03/31/1997			04/15/1997			04/30/1997			05/15/1997			05/31/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.003		mg/l	0.003		mg/l	0.002	U	mg/l	0.005		mg/l	0.003		mg/l	0.016		mg/l	0.011		mg/l	0.01		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.026		mg/l				0.041		mg/l				0.062		mg/l				0.6		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.3		mg/l	0.28		mg/l	0.27		mg/l	0.88		mg/l	0.53		mg/l	2.1		mg/l	1.4		mg/l	0.87		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC811			CC811			CC811			CC811			CC811			CC811			CC811			CC811		
Location Cross Ref.	EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174764			174341			174765			174342			174766			174343			174767			174344		
Sample Date	06/15/1997			06/30/1997			07/15/1997			07/31/1997			08/15/1997			08/31/1997			09/15/1997			09/30/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.006		mg/l	0.009		mg/l	0.004		mg/l	0.002	U	mg/l	0.002	U	mg/l	0.003		mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.05		mg/l				0.043		mg/l				0.048		mg/l				0.045		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.61		mg/l	1.6		mg/l	0.63		mg/l	0.48		mg/l	0.39		mg/l	0.39		mg/l	0.32		mg/l	0.38		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC811	CC811	CC811	CC811	CC811	CC811	CC811	CC811
Location Cross Ref.	EFFL 001A	EFFL 001A	EFFL 001A	EFFL 001A	EFFL 001A	EFFL 001A	EFFL 001A	EFFL 001A
Location Type	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge
(Ref) Source/Lab	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	174768	174345	174769	174346	174770	174347	174771	174348
Sample Date	10/15/1997	10/31/1997	11/15/1997	11/30/1997	12/15/1997	12/31/1997	01/15/1998	01/31/1998
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	6010	6010	6010	6010	6010	6010	6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium	0.002 U mg/l	0.003 mg/l	0.003 mg/l	0.002 U mg/l	0.002 U mg/l	0.002 U mg/l	0.002 U mg/l	0.002 U mg/l
Calcium								
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead		0.043 mg/l		0.042 mg/l		0.044 mg/l		0.037 mg/l
Lithium								
Magnesium								
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc	0.36 mg/l	0.43 mg/l	0.39 mg/l	0.4 mg/l	0.32 mg/l	0.28 mg/l	0.24 mg/l	0.27 mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC811			CC811			CC811			CC811			CC811			CC811			CC811			CC811		
Location Cross Ref.	EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A			EFFL 001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/OTHER			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174772			174349			174773			173236			174350			174774			174351			174775		
Sample Date	02/15/1998			02/28/1998			03/15/1998			03/24/1998			03/31/1998			04/15/1998			04/30/1998			05/15/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony										45	U	ug/l												
Arsenic										40	U	ug/l												
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	4.1		ug/l	0.004		mg/l	0.002	U	mg/l	0.003		mg/l	0.002		mg/l
Calcium										20000		ug/l												
Chromium																								
Cobalt																								
Copper										3	U	ug/l												
Cyanide																								
Iron																								
Lead				0.047		mg/l				25	U	ug/l	0.069		mg/l				0.045		mg/l			
Lithium																								
Magnesium										4200		ug/l												
Manganese										8.1		ug/l												
Mercury										0.2	U	ug/l												
Molybdenum																								
Nickel																								
Potassium																								
Selenium										100	U	ug/l												
Silicon																								
Silver										4	U	ug/l												
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.25		mg/l	0.52		mg/l	0.32		mg/l	390		ug/l	0.46		mg/l	0.42		mg/l	0.43		mg/l	0.4		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC811			CC811			CC811			CC1490			CC1490			CC1490			CC1490			CC1490		
Location Cross Ref.	EFFL 001A			EFFL 001A			EFFL 001A			WP-1			WP-1			WP-1			WP-1			WP-1		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174352			174776			174353			194659			194659			194660			194660			194661		
Sample Date	05/31/1998			06/15/1998			06/30/1998			04/02/1993			04/02/1993			05/02/1993			05/02/1993			09/26/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			200.7			D200.7			200.7			D200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic										0.005		mg/l	0.002	U	mg/l	0.014		mg/l	0.001	U	mg/l	0.04	U	mg/l
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	0.042		mg/l	0.52		mg/l	0.58		mg/l	0.45		mg/l	0.47		mg/l	0.3		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																						0.055		mg/l
Cyanide																								
Iron																								
Lead	0.054		mg/l				0.36		mg/l	0.91		mg/l	0.42		mg/l	3		mg/l	0.36		mg/l	0.48		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.47		mg/l	0.41		mg/l				82		mg/l	93		mg/l	69		mg/l	72		mg/l	43		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1490			CC1490			CC1490			CC1490			CC1490			CC1490			CC1491			CC1491		
Location Cross Ref.	WP-1			WP-1			WP-1			WP-1			WP-1			WP-1			WP-2			WP-2		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194662			194663			194664			194664			194665			194666			194667			194667		
Sample Date	09/01/1995			04/01/1996			11/06/1996			11/06/1996			04/18/1997			10/15/1997			04/02/1993			04/02/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D200.7			D200.7			200.7			D200.7			D200.7			D200.7			200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic							0.25		mg/l	0.035	U	mg/l							0.008		mg/l	0.002	U	mg/l
Barium																								
Beryllium																								
Cadmium	0.28		mg/l	0.37		mg/l	0.48		mg/l	0.34		mg/l	0.18		mg/l	0.2		mg/l	0.16		mg/l	0.16		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.37		mg/l	0.68		mg/l	15		mg/l	0.2		mg/l	0.66		mg/l	0.16		mg/l	2.4		mg/l	0.067		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	42		mg/l	52		mg/l	75		mg/l	58		mg/l	22		mg/l	28		mg/l	27		mg/l	27		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1491		CC1491		CC1491		CC1491		CC1491		CC1491		CC1491		CC1491	
Location Cross Ref.	WP-2		WP-2		WP-2		WP-2		WP-2		WP-2		WP-2		WP-2	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(12) MFG/OTHER		(12) MFG/OTHER		(12) MFG/OTHER		(12) MFG/OTHER		(12) MFG/OTHER		(12) MFG/OTHER		(12) MFG/OTHER		(12) MFG/OTHER	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	194668		194668		194669		194670		194671		194671		194672		194673	
Sample Date	05/26/1993		05/26/1993		05/25/1994		04/01/1996		11/06/1996		11/06/1996		04/18/1997		10/14/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	200.7		D200.7		D200.7		D200.7		200.7		D200.7		D200.7		D200.7	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic	0.019	mg/l	0.001 U	mg/l	0.05 U	mg/l			0.035 U	mg/l	0.035 U	mg/l				
Barium																
Beryllium																
Cadmium	0.17	mg/l	0.16	mg/l	0.13	mg/l	0.17	mg/l	0.096	mg/l	0.084	mg/l	0.17	mg/l	0.11	mg/l
Calcium																
Chromium																
Cobalt																
Copper					0.13	mg/l										
Cyanide																
Iron																
Lead	5.6	mg/l	0.066	mg/l	0.14	mg/l	0.5	mg/l	2	mg/l	0.096	mg/l	0.78	mg/l	0.086	mg/l
Lithium																
Magnesium																
Manganese																
Mercury					0.0002 U	mg/l										
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	25	mg/l	25	mg/l	11	mg/l	21	mg/l	12	mg/l	11	mg/l	16	mg/l	15	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1492			CC1492			CC1492			CC1492			CC1492			CC1492			CC1492			CC1492		
Location Cross Ref.	WP-3			WP-3			WP-3			WP-3			WP-3			WP-3			WP-3			WP-3		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194674			194674			194675			194675			194676			194677			194677			194678		
Sample Date	04/02/1993			04/02/1993			05/26/1993			05/26/1993			04/01/1996			11/06/1996			11/06/1996			04/17/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	200.7			D200.7			200.7			D200.7			D200.7			200.7			D200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	0.002	U	mg/l	0.002	U	mg/l	0.0016		mg/l	0.001	U	mg/l				0.035	U	mg/l	0.035	U	mg/l			
Barium																								
Beryllium																								
Cadmium	0.24		mg/l	0.25		mg/l	0.24		mg/l	0.25		mg/l	0.2		mg/l	0.21		mg/l	0.2		mg/l	0.18		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.028		mg/l	0.002	U	mg/l	0.021		mg/l	0.002		mg/l	0.038		mg/l	0.075		mg/l	0.054		mg/l	1.2		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	26		mg/l	28		mg/l	27		mg/l	28		mg/l	19		mg/l	23		mg/l	21		mg/l	20		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1492			CC1493			CC1493			CC1493			CC1493			CC1493			CC1493			CC1493		
Location Cross Ref.	WP-3			WP-4			WP-4			WP-4			WP-4			WP-4			WP-4			WP-4		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194679			194680			194680			194681			194681			194682			194683			194684		
Sample Date	10/14/1997			04/02/1993			04/02/1993			05/26/1993			05/26/1993			09/01/1995			04/01/1996			11/06/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D200.7			200.7			D200.7			200.7			D200.7			D200.7			D200.7			200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic				0.041		mg/l	0.002	U	mg/l	0.001	U	mg/l	0.001	U	mg/l							0.035	U	mg/l
Barium																								
Beryllium																								
Cadmium	0.19		mg/l	0.21		mg/l	0.17		mg/l	0.11		mg/l	0.13		mg/l	0.12		mg/l	0.13		mg/l	0.13		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.004		mg/l	0.13		mg/l	0.002	U	mg/l	0.005		mg/l	0.001	U	mg/l	0.04		mg/l	0.05		mg/l	0.14		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	22		mg/l	28		mg/l	23		mg/l	20		mg/l	22		mg/l	19		mg/l	20		mg/l	23		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1493			CC1493			CC1493			CC1494			CC1494			CC1494			CC1494			CC1494		
Location Cross Ref.	WP-4			WP-4			WP-4			WP-5			WP-5			WP-5			WP-5			WP-5		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194684			194685			194686			194687			194687			194688			194688			194689		
Sample Date	11/06/1996			04/17/1997			10/14/1997			04/02/1993			04/02/1993			05/26/1993			05/26/1993			09/01/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D200.7			D200.7			D200.7			200.7			D200.7			200.7			D200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	0.035	U	mg/l							0.002	U	mg/l	0.002	U	mg/l	0.0015		mg/l	0.001	U	mg/l	0.035	U	mg/l
Barium																								
Beryllium																								
Cadmium	0.13		mg/l	0.2		mg/l	0.14		mg/l	0.21		mg/l	0.23		mg/l	0.18		mg/l	0.18		mg/l	0.13		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.061		mg/l	0.97		mg/l	0.004		mg/l	0.77		mg/l	0.32		mg/l	1.7		mg/l	0.27		mg/l	0.16		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	22		mg/l	17		mg/l	24		mg/l	30		mg/l	32		mg/l	24		mg/l	25		mg/l	16		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1494			CC1494			CC1494			CC1494			CC1495			CC1496			CC1496			CC1496		
Location Cross Ref.	WP-5			WP-5			WP-5			WP-5			T-1			T-2			T-2			T-2		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194690			194691			194691			194692			194693			194694			194695			194696		
Sample Date	04/01/1996			11/06/1996			11/06/1996			04/17/1997			05/27/1994			09/26/1993			05/25/1994			09/01/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D200.7			200.7			D200.7			D200.7			D200.7			D200.7			D200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic				0.035	U	mg/l	0.035	U	mg/l				0.05	U	mg/l	0.04	U	mg/l	0.05	U	mg/l			
Barium																								
Beryllium																								
Cadmium	0.18		mg/l	0.052		mg/l	0.028		mg/l	0.061		mg/l	0.09		mg/l	0.047		mg/l	0.041		mg/l	0.046		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper													0.012		mg/l	0.005		mg/l	0.007		mg/l			
Cyanide																								
Iron																								
Lead	0.21		mg/l	0.92		mg/l	0.033		mg/l	0.29		mg/l	0.12		mg/l	0.15		mg/l	0.13		mg/l	0.17		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury													0.0002	U	mg/l				0.0002	U	mg/l			
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	21		mg/l	7.5		mg/l	4.1		mg/l	2.6		mg/l	8.9		mg/l	3.8		mg/l	4.2		mg/l	5.5		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1496			CC1496			CC1496			CC1496			CC1496			CC1497			CC1497			CC1497		
Location Cross Ref.	T-2			T-2			T-2			T-2			T-2			T-3			T-3			T-3		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194697			194698			194698			194699			194700			194701			194702			194703		
Sample Date	04/01/1996			10/28/1996			10/28/1996			04/17/1997			10/14/1997			05/26/1994			09/01/1995			04/01/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D200.7			200.7			D200.7			D200.7			D200.7			D200.7			D200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic				0.035	U	mg/l	0.035	U	mg/l							0.05	U	mg/l						
Barium																								
Beryllium																								
Cadmium	0.26		mg/l	0.33		mg/l	0.31		mg/l	0.38		mg/l	0.1		mg/l	0.33		mg/l	0.23		mg/l	0.29		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																0.054		mg/l						
Cyanide																								
Iron																								
Lead	0.91		mg/l	2.5		mg/l	0.52		mg/l	1.4		mg/l	0.071		mg/l	0.81		mg/l	0.73		mg/l	1.4		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																0.0002	U	mg/l						
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	38		mg/l	41		mg/l	38		mg/l	50		mg/l	13		mg/l	35		mg/l	32		mg/l	39		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1497			CC1497			CC1497			CC1497			CC1498			CC1498			CC1498			CC1498		
Location Cross Ref.	T-3			T-3			T-3			T-3			T-4			T-4			T-4			T-4		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194704			194704			194705			194706			194707			194708			194709			194710		
Sample Date	11/11/1996			11/11/1996			04/17/1997			10/14/1997			09/26/1993			05/26/1994			09/01/1995			04/01/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	200.7			D200.7			D200.7			D200.7			D200.7			D200.7			D200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	0.19		mg/l	0.035	U	mg/l							0.04	U	mg/l	0.05	U	mg/l	0.035	U	mg/l			
Barium																								
Beryllium																								
Cadmium	0.94		mg/l	0.28		mg/l	0.19		mg/l	0.2		mg/l	0.59		mg/l	0.067		mg/l	0.44		mg/l	0.89		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper													0.055		mg/l	0.062		mg/l						
Cyanide																								
Iron																								
Lead	50		mg/l	0.2		mg/l	0.46		mg/l	0.31		mg/l	2		mg/l	2		mg/l	2.1		mg/l	1.9		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																0.0002	U	mg/l						
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	81		mg/l	25		mg/l	21		mg/l	26		mg/l	68		mg/l	65		mg/l	65		mg/l	150		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1498			CC1498			CC1498			CC1498			CC1499			CC1499			CC1499			CC1499		
Location Cross Ref.	T-4			T-4			T-4			T-4			T-5			T-5			T-5			T-5		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194711			194711			194712			194713			194714			194715			194716			194717		
Sample Date	11/06/1996			11/06/1996			04/18/1997			10/15/1997			09/26/1993			05/26/1994			09/01/1995			04/01/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	200.7			D200.7			D200.7			D200.7			D200.7			D200.7			D200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	0.035	U	mg/l	0.035	U	mg/l							0.04	U	mg/l	0.05	U	mg/l	0.035	U	mg/l			
Barium																								
Beryllium																								
Cadmium	0.13		mg/l	0.12		mg/l	0.22		mg/l	0.2		mg/l	0.29		mg/l	0.33		mg/l	0.23		mg/l	0.38		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper													0.035		mg/l	0.029		mg/l						
Cyanide																								
Iron																								
Lead	5.8		mg/l	1.2		mg/l	1.5		mg/l	1.7		mg/l	3.3		mg/l	1.4		mg/l	0.84		mg/l	0.5		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury													0.0002	U	mg/l	0.0002	U	mg/l						
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	18		mg/l	17		mg/l	24		mg/l	24		mg/l	39		mg/l	35		mg/l	33		mg/l	45		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1499			CC1499			CC1499			CC1499			CC1501			CC1501			CC1501			CC1501		
Location Cross Ref.	T-5			T-5			T-5			T-5			T-7			T-7			T-7			T-7		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194718			194718			194719			194720			194723			194724			194725			194726		
Sample Date	11/06/1996			11/06/1996			04/18/1997			10/15/1997			09/26/1993			05/26/1994			09/01/1995			04/01/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	200.7			D200.7			D200.7			D200.7			D200.7			D200.7			D200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	0.035	U	mg/l	0.035	U	mg/l							0.04	U	mg/l	0.05	U	mg/l	0.035	U	mg/l			
Barium																								
Beryllium																								
Cadmium	0.56		mg/l	0.3		mg/l	0.11		mg/l	0.098		mg/l	0.021		mg/l	0.053		mg/l	0.27		mg/l	0.052		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper													0.005		mg/l	0.006		mg/l						
Cyanide																								
Iron																								
Lead	24		mg/l	0.67		mg/l	0.62		mg/l	0.5		mg/l	1.8		mg/l	2.4		mg/l	3.3		mg/l	1.3		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury													0.0002	U	mg/l	0.0002	U	mg/l						
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	33		mg/l	19		mg/l	6.5		mg/l	8.4		mg/l	6.3		mg/l	8		mg/l	32		mg/l	5.1		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1501			CC1501			CC1501			CC1501			CC1504			CC1504			CC1504			CC1504		
Location Cross Ref.	T-7			T-7			T-7			T-7			CM-1			CM-1			CM-1			CM-1		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194727			194727			194728			194729			194732			194733			194734			194734		
Sample Date	11/06/1996			11/06/1996			04/18/1997			10/14/1997			09/01/1995			04/01/1996			10/28/1996			10/28/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	200.7			D200.7			D200.7			D200.7			D200.7			D200.7			200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	0.035	U	mg/l	0.035	U	mg/l							0.035	U	mg/l				0.075		mg/l	0.035	U	mg/l
Barium																								
Beryllium																								
Cadmium	1.1		mg/l	1		mg/l	0.17		mg/l	0.16		mg/l	0.018		mg/l	0.009		mg/l	0.017		mg/l	0.008		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1.4		mg/l	0.2		mg/l	0.57		mg/l	0.085		mg/l	0.06		mg/l	0.054		mg/l	2.8		mg/l	0.046		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	47		mg/l	47		mg/l	16		mg/l	19		mg/l	1.6		mg/l	0.9		mg/l	2		mg/l	0.72		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1504			CC1504			CC1505			CC1505			CC1505			CC1505			CC1505			CC1506		
Location Cross Ref.	CM-1			CM-1			CM-2			CM-2			CM-2			CM-2			CM-2			CM-3		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194735			194736			194737			194738			194739			194739			194740			194741		
Sample Date	04/16/1997			10/13/1997			09/01/1995			04/01/1996			10/28/1996			10/28/1996			04/16/1997			09/01/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D200.7			D200.7			D200.7			D200.7			200.7			D200.7			D200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic							0.035	U	mg/l				0.11		mg/l	0.035	U	mg/l				0.035	U	mg/l
Barium																								
Beryllium																								
Cadmium	0.004	U	mg/l	0.0079		mg/l	0.07		mg/l	0.057		mg/l	0.14		mg/l	0.094		mg/l	0.031		mg/l	0.25		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.03	U	mg/l	0.037		mg/l	0.29		mg/l	6.8		mg/l	33		mg/l	0.33		mg/l	0.43		mg/l	1.8		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.18		mg/l	0.73		mg/l	8.7		mg/l	10		mg/l	27		mg/l	15		mg/l	6.5		mg/l	24		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1506			CC1506			CC1506			CC1506			CC1506			CC1507			CC1507			CC1507		
Location Cross Ref.	CM-3			CM-3			CM-3			CM-3			CM-3			CM-4			CM-4			CM-4		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194742			194743			194743			194744			194745			194746			194747			194748		
Sample Date	04/01/1996			10/28/1996			10/28/1996			04/16/1997			10/13/1997			09/01/1995			10/18/1995			04/01/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D200.7			200.7			D200.7			D200.7			D200.7			D200.7			D200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic				0.096		mg/l	0.035	U	mg/l							0.035	U	mg/l						
Barium																								
Beryllium																								
Cadmium	0.36		mg/l	0.85		mg/l	0.7		mg/l	0.35		mg/l	0.37		mg/l	0.67		mg/l	0.84		mg/l	0.49		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	14		mg/l	17		mg/l	2.5		mg/l	3		mg/l	2.5		mg/l	1.6		mg/l	1.4		mg/l	2.4		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	42		mg/l	94		mg/l	80		mg/l	44		mg/l	53		mg/l	160		mg/l	170		mg/l	35		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1507			CC1507			CC1507			CC1507			CC1508			CC1508			CC1508			CC1508		
Location Cross Ref.	CM-4			CM-4			CM-4			CM-4			CM-5			CM-5			CM-5			CM-5		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194749			194749			194750			194751			194752			194753			194754			194754		
Sample Date	10/28/1996			10/28/1996			04/17/1997			10/13/1997			09/01/1995			04/01/1996			10/28/1996			10/28/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	200.7			D200.7			D200.7			D200.7			D200.7			D200.7			200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	0.063		mg/l	0.035	U	mg/l							0.035	U	mg/l				0.035	U	mg/l	0.035	U	mg/l
Barium																								
Beryllium																								
Cadmium	0.16		mg/l	0.15		mg/l	0.12		mg/l	0.11		mg/l	0.28		mg/l	0.11		mg/l	0.71		mg/l	0.7		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	5.5		mg/l	2.4		mg/l	1.9		mg/l	1.6		mg/l	2		mg/l	0.82		mg/l	5.4		mg/l	0.68		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	42		mg/l	40		mg/l	38		mg/l	44		mg/l	30		mg/l	15		mg/l	89		mg/l	88		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1508			CC1508			CC1509			CC1509			CC1509			CC1509			CC1509			CC1509		
Location Cross Ref.	CM-5			CM-5			CM-6			CM-6			CM-6			CM-6			CM-6			CM-6		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194755			194756			194757			194758			194759			194759			194760			194761		
Sample Date	04/17/1997			10/13/1997			09/01/1995			04/01/1996			11/06/1996			11/06/1996			04/17/1997			10/13/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D200.7			D200.7			D200.7			D200.7			200.7			D200.7			D200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic							0.035	U	mg/l				0.035	U	mg/l	0.035	U	mg/l						
Barium																								
Beryllium																								
Cadmium	0.15		mg/l	0.55		mg/l	0.096		mg/l	0.18		mg/l	0.6		mg/l	0.57		mg/l	0.27		mg/l	0.94		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.8		mg/l	1.1		mg/l	0.53		mg/l	0.35		mg/l	8.2		mg/l	1.1		mg/l	0.68		mg/l	2.4		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	19		mg/l	90		mg/l	14		mg/l	27		mg/l	93		mg/l	90		mg/l	32		mg/l	120		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1510			CC1510			CC1510			CC1510			CC1510			CC1510			CC1511			CC1511		
Location Cross Ref.	CM-7			CM-7			CM-7			CM-7			CM-7			CM-7			CM-8			CM-8		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194762			194763			194764			194764			194765			194766			194767			194768		
Sample Date	09/01/1995			04/01/1996			11/06/1996			11/06/1996			04/17/1997			10/14/1997			09/01/1995			04/01/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D200.7			D200.7			200.7			D200.7			D200.7			D200.7			D200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	0.035	U	mg/l				0.035	U	mg/l	0.035	U	mg/l							0.035	U	mg/l			
Barium																								
Beryllium																								
Cadmium	0.042		mg/l	0.25		mg/l	0.18		mg/l	0.18		mg/l	0.17		mg/l	0.11		mg/l	0.023		mg/l	0.062		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1.4		mg/l	2.3		mg/l	6.2		mg/l	2		mg/l	1.6		mg/l	2.5		mg/l	0.6		mg/l	0.59		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	5.2		mg/l	39		mg/l	27		mg/l	26		mg/l	20		mg/l	16		mg/l	5.5		mg/l	10		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1511			CC1511			CC1511			CC1511			CC1512			CC1512			CC1512			CC1512		
Location Cross Ref.	CM-8			CM-8			CM-8			CM-8			CM-9			CM-9			CM-9			CM-9		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194769			194769			194770			194771			194772			194773			194774			194774		
Sample Date	11/06/1996			11/06/1996			04/17/1997			10/14/1997			09/01/1995			04/01/1996			11/06/1996			11/06/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	200.7			D200.7			D200.7			D200.7			D200.7			D200.7			200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	0.035	U	mg/l	0.035	U	mg/l							0.035	U	mg/l				0.035	U	mg/l	0.035	U	mg/l
Barium																								
Beryllium																								
Cadmium	0.48		mg/l	0.25		mg/l	0.25		mg/l	0.16		mg/l	0.002	U	mg/l	0.015		mg/l	0.072		mg/l	0.06		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	6.7		mg/l	0.13		mg/l	0.88		mg/l	0.037		mg/l	0.07		mg/l	0.14		mg/l	2.7		mg/l	0.27		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	23		mg/l	15		mg/l	14		mg/l	16		mg/l	0.85		mg/l	3.2		mg/l	12		mg/l	10		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1512			CC1512			CC1513			CC1513			CC1513			CC1513			CC1513			CC1513		
Location Cross Ref.	CM-9			CM-9			CM-10			CM-10			CM-10			CM-10			CM-10			CM-10		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194775			194776			194777			194778			194779			194779			194780			194781		
Sample Date	04/17/1997			10/14/1997			09/01/1995			04/01/1996			11/06/1996			11/06/1996			04/18/1997			10/15/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D200.7			D200.7			D200.7			D200.7			200.7			D200.7			D200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic							0.035	U	mg/l				0.092		mg/l	0.035	U	mg/l						
Barium																								
Beryllium																								
Cadmium	0.078		mg/l	0.039		mg/l	0.15		mg/l	0.2		mg/l	2.6		mg/l	0.18		mg/l	0.18		mg/l	0.21		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.8		mg/l	0.24		mg/l	1.9		mg/l	2.2		mg/l	55		mg/l	0.69		mg/l	1.9		mg/l	0.97		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	5.8		mg/l	5.8		mg/l	55		mg/l	46		mg/l	74		mg/l	44		mg/l	28		mg/l	41		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1514			CC1514			CC1514			CC1514			CC1514			CC1514			CC1515			CC1515		
Location Cross Ref.	CM-11			CM-11			CM-11			CM-11			CM-11			CM-11			CM-12			CM-12		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	194782			194783			194784			194784			194785			194786			194787			194788		
Sample Date	09/01/1995			04/01/1996			11/06/1996			11/06/1996			04/18/1997			10/14/1997			09/01/1995			04/01/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D200.7			D200.7			200.7			D200.7			D200.7			D200.7			D200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	0.035	U	mg/l				0.035	U	mg/l	0.035	U	mg/l							0.035	U	mg/l			
Barium																								
Beryllium																								
Cadmium	0.11		mg/l	0.12		mg/l	0.59		mg/l	0.57		mg/l	0.22		mg/l	0.2		mg/l	0.21		mg/l	0.11		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	4		mg/l	4.5		mg/l	12		mg/l	5.2		mg/l	3.8		mg/l	5.8		mg/l	1.1		mg/l	1.1		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	18		mg/l	15		mg/l	110		mg/l	110		mg/l	20		mg/l	54		mg/l	27		mg/l	13		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Canyon Creek - segment CCSeg05

Site Location	CC1515			CC1515			CC1515			CC1515		
Location Cross Ref.	CM-12			CM-12			CM-12			CM-12		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER			(12) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-		
Sample Number	194789			194789			194790			194791		
Sample Date	11/06/1996			11/06/1996			04/18/1997			10/15/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	200.7			D200.7			D200.7			D200.7		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum												
Antimony												
Arsenic	0.035	U	mg/l	0.035	U	mg/l						
Barium												
Beryllium												
Cadmium	0.13		mg/l	0.12		mg/l	0.056		mg/l	0.083		mg/l
Calcium												
Chromium												
Cobalt												
Copper												
Cyanide												
Iron												
Lead	10		mg/l	1		mg/l	0.94		mg/l	0.95		mg/l
Lithium												
Magnesium												
Manganese												
Mercury												
Molybdenum												
Nickel												
Potassium												
Selenium												
Silicon												
Silver												
Sodium												
Strontium												
Sulfur												
Thallium												
Titanium												
Uranium												
Vanadium												
Zinc	21		mg/l	19		mg/l	7		mg/l	13		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262			MC262			MC262			MC262			MC262			MC262			MC262			MC262		
Location Cross Ref.	MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172069			172069			172069			172069			172069			172104			172104			172104		
Sample Date	05/14/1991			05/14/1991			05/14/1991			05/14/1991			05/14/1991			10/01/1991			10/01/1991			10/01/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0005		mg/l				0.0005		mg/l							0.0005		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.004		mg/l				0.003	U	mg/l							0.005		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.11		mg/l							0.1		mg/l				0.16		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262		MC262		MC262		MC262		MC262		MC262		MC262		MC262	
Location Cross Ref.	MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(5) MFG/OTHER		(5) MFG/OTHER		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172104		172104		173575		173575		173576		173576		173577		173577	
Sample Date	10/01/1991		10/01/1991		10/29/1993		10/29/1993		12/01/1993		12/01/1993		12/21/1993		12/21/1993	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D7421		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.0004	mg/l			0.6	ug/l	0.6	ug/l	0.7	ug/l	0.7	ug/l	0.7	ug/l	0.7	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead			0.001 U	mg/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	7	ug/l	1.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	0.084	mg/l			150	ug/l	160	ug/l	160	ug/l	160	ug/l	180	ug/l	190	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262			MC262			MC262			MC262			MC262			MC262			MC262			MC262		
Location Cross Ref.	MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173578			173578			173579			173579			173580			173580			173581			173581		
Sample Date	01/21/1994			01/21/1994			02/17/1994			02/17/1994			03/07/1994			03/07/1994			03/23/1994			03/23/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.5	J	ug/l	0.6		ug/l	0.8		ug/l	0.8		ug/l	0.5	J	ug/l	0.6		ug/l	0.5	J	ug/l	0.5	J	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	160		ug/l	160		ug/l	160		ug/l	160		ug/l	120		ug/l	110		ug/l	120		ug/l	120		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262		MC262		MC262		MC262		MC262		MC262		MC262		MC262			
Location Cross Ref.	MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1			
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream			
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ			
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water			
Depth Range in Ft.	-		-		-		-		-		-		-		-			
Sample Number	173582		173582		173583		173583		173584		173584		173585		173585			
Sample Date	04/06/1994		04/06/1994		04/18/1994		04/18/1994		05/03/1994		05/03/1994		05/20/1994		05/20/1994			
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample			
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010			
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	0.6		ug/l	1		ug/l	0.6		ug/l	0.6		ug/l	0.6		ug/l	0.9		ug/l	0.8		ug/l	0.8		ug/l
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	110		ug/l	100		ug/l	97		ug/l	97		ug/l	100		ug/l	100		ug/l	130		ug/l	130		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262		MC262		MC262		MC262		MC262		MC262		MC262		MC262	
Location Cross Ref.	MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173586		173586		173587		173587		173588		173588		173589		173589	
Sample Date	06/07/1994		06/07/1994		06/24/1994		06/24/1994		07/22/1994		07/22/1994		08/17/1994		08/17/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.7	ug/l	0.8	ug/l	0.7	ug/l	0.8	ug/l	0.8	ug/l	0.6	ug/l	0.8	ug/l	0.6	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	2.5 J	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	140	ug/l	140	ug/l	130	ug/l	120	ug/l	100	ug/l	100	ug/l	74	ug/l	74	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262		MC262		MC262		MC262		MC262		MC262		MC262		MC262		MC262	
Location Cross Ref.	MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-		-	
Sample Number	173590		173590		173591		173591		173592		173592		173593		173593		173593	
Sample Date	09/26/1994		09/26/1994		10/05/1994		10/05/1994		11/16/1994		11/16/1994		12/14/1994		12/14/1994		12/14/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	0.25 U	ug/l	0.6	ug/l	0.5 J	ug/l	0.5 J	ug/l	0.5 J	ug/l	0.5 J	ug/l	0.7	ug/l	0.8	ug/l		
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l		
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	96	ug/l	87	ug/l	88	ug/l	78	ug/l	150	ug/l	150	ug/l	160	ug/l	160	ug/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262		MC262		MC262		MC262		MC262		MC262		MC262		MC262	
Location Cross Ref.	MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173594		173594		173595		173595		173596		173596		173597		173597	
Sample Date	01/10/1995		01/10/1995		02/09/1995		02/09/1995		03/08/1995		03/08/1995		03/22/1995		03/22/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.5 J	ug/l	0.7	ug/l	0.6	ug/l	0.7	ug/l	0.6	ug/l	0.6	ug/l	0.9	ug/l	0.9	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	7	ug/l	6	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	160	ug/l	160	ug/l	110	ug/l	110	ug/l	130	ug/l	120	ug/l	120	ug/l	110	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262			MC262			MC262			MC262			MC262			MC262			MC262			MC262		
Location Cross Ref.	MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173598			173598			173599			173599			173600			173600			173601			173601		
Sample Date	04/12/1995			04/12/1995			04/25/1995			04/25/1995			05/09/1995			05/09/1995			05/23/1995			05/23/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.8		ug/l	0.7		ug/l	1.2		ug/l	1.2		ug/l	1		ug/l	0.8		ug/l	1.1		ug/l	1.1		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	6		ug/l	1.5	U	ug/l	7		ug/l	3	J	ug/l	7		ug/l	4		ug/l	2.5	U	ug/l	3	J	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	130		ug/l	120		ug/l	120		ug/l	110		ug/l	150		ug/l	130		ug/l	130		ug/l	130		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262		MC262		MC262		MC262		MC262		MC262		MC262		MC262	
Location Cross Ref.	MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173602		173602		173603		173603		173604		173604		173605		173605	
Sample Date	06/12/1995		06/12/1995		06/27/1995		06/27/1995		07/11/1995		07/11/1995		07/25/1995		07/25/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.8	ug/l	0.7	ug/l	0.6	ug/l	0.7	ug/l	0.8	ug/l	0.7	ug/l	0.7	ug/l	0.7	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	5 J	ug/l	4	ug/l	7	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	6	ug/l	3 J	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	140	ug/l	130	ug/l	110	ug/l	96	ug/l	130	ug/l	140	ug/l	110	ug/l	110	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262		MC262		MC262		MC262		MC262		MC262		MC262		MC262	
Location Cross Ref.	MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173606		173606		173607		173607		173608		173608		173609		173609	
Sample Date	08/14/1995		08/14/1995		09/13/1995		09/13/1995		10/18/1995		10/18/1995		11/21/1995		11/21/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.6	ug/l	0.7	ug/l	0.6	ug/l	0.8	ug/l	1	ug/l	0.9	ug/l	0.7	ug/l	0.6	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	5 J	ug/l	80	ug/l	7	ug/l	4	ug/l	5 J	ug/l	2.5 J	ug/l	6	ug/l	3 J	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	120	ug/l	230	ug/l	110	ug/l	110	ug/l	180	ug/l	170	ug/l	160	ug/l	160	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262		MC262		MC262		MC262		MC262		MC262		MC262		MC262	
Location Cross Ref.	MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173610		173610		173611		173611		173612		173612		173613		173613	
Sample Date	12/27/1995		12/27/1995		01/17/1996		01/17/1996		02/28/1996		02/28/1996		03/27/1996		03/27/1996	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1	ug/l	0.8	ug/l	0.7	ug/l	0.7	ug/l	0.5 J	ug/l	0.5 J	ug/l	0.25 U	ug/l	0.5 J	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	2.5 U	ug/l	1.5 U	ug/l	12	ug/l	4	ug/l	6	ug/l	3 J	ug/l	2.5 U	ug/l	1.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	160	ug/l	150	ug/l	120	ug/l	110	ug/l	110	ug/l	130	ug/l	120	ug/l	200	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262			MC262			MC262			MC262			MC262			MC262			MC262			MC262		
Location Cross Ref.	MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173614			173614			173615			173615			173616			173616			173617			173617		
Sample Date	04/17/1996			04/17/1996			05/08/1996			05/08/1996			06/19/1996			06/19/1996			07/24/1996			07/24/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.5	J	ug/l	0.5	J	ug/l	0.5	J	ug/l	0.6		ug/l	0.6		ug/l	0.6		ug/l	0.6		ug/l	0.6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	10		ug/l	3	J	ug/l	8		ug/l	4		ug/l	5	J	ug/l	3	J	ug/l	6		ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	170		ug/l	150		ug/l	130		ug/l	130		ug/l	110		ug/l	140		ug/l	99		ug/l	93		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262		MC262		MC262		MC262		MC262		MC262		MC262		MC262		MC262	
Location Cross Ref.	MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1		MC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-		-	
Sample Number	173618		173618		173619		173619		186012		186012		186023		186023		186023	
Sample Date	08/21/1996		08/21/1996		09/26/1996		09/26/1996		10/29/1996		10/29/1996		11/26/1996		11/26/1996		11/26/1996	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	0.7	ug/l	0.6	ug/l	0.6	ug/l	0.7	ug/l	0.0007	mg/l	0.0007	mg/l	0.0006	mg/l	0.0006	mg/l		
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	15	ug/l	4	ug/l	2.5 U	ug/l	1.5 U	ug/l	0.005	mg/l	0.00015	mg/l	0.007	mg/l	0.00015	mg/l		
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	96	ug/l	86	ug/l	100	ug/l	110	ug/l	0.12	mg/l	0.12	mg/l	0.15	mg/l	0.15	mg/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262			MC262			MC262			MC262			MC262			MC262			MC262			MC262		
Location Cross Ref.	MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186039			186039			186056			186056			186073			186073			186093			186093		
Sample Date	12/13/1996			12/13/1996			01/29/1997			01/29/1997			02/21/1997			02/21/1997			03/26/1997			03/26/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0006		mg/l	0.0006		mg/l	0.0006		mg/l	0.0006		mg/l	0.0005		mg/l	0.0005		mg/l	0.0009		mg/l	0.0006		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.0025		mg/l	0.0015		mg/l	0.0025		mg/l	0.0015		mg/l	0.006		mg/l	0.0015		mg/l	0.00006		mg/l	0.006		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.14		mg/l	0.15		mg/l	0.16		mg/l	0.13		mg/l	0.12		mg/l	0.12		mg/l	0.18		mg/l	0.11		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262			MC262			MC262			MC262			MC262			MC262		
Location Cross Ref.	MC-1			MC-1			MC-1			MC-1			MC-1			MC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	186113			186113			186133			186133			186153			186173		
Sample Date	04/16/1997			04/16/1997			04/16/1997			04/16/1997			06/23/1997			07/23/1997		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	0.0006		mg/l	0.0006		mg/l	0.0007		mg/l	0.00025		mg/l	0.0005		mg/l	0.0005		mg/l	0.0008		mg/l	0.0008		mg/l
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	0.026		mg/l	0.004		mg/l	0.0025		mg/l	0.0015		mg/l	0.008		mg/l	0.0025		mg/l	0.007		mg/l	0.003		mg/l
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	0.15		mg/l	0.11		mg/l	0.078		mg/l	0.092		mg/l	0.095		mg/l	0.17		mg/l	0.14		mg/l	0.16		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262			MC262			MC262			MC262			MC262			MC262			MC262			MC262		
Location Cross Ref.	MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186193			186193			186213			186213			186233			186233			168465			168465		
Sample Date	08/14/1997			08/14/1997			09/03/1997			09/03/1997			10/16/1997			10/16/1997			11/05/1997			11/05/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																			20	U	ug/l	26	U	ug/l
Antimony																			0.5	U	ug/l	0.28	U	ug/l
Arsenic																			0.42		ug/l	0.42		ug/l
Barium																			16		ug/l	16	J	ug/l
Beryllium																			1	U	ug/l	0.35	U	ug/l
Cadmium	0.0006		mg/l	0.0006		mg/l	0.00025		mg/l	0.0005		mg/l	0.0007		mg/l	0.0007		mg/l	0.59		ug/l	0.56		ug/l
Calcium																			8100		ug/l	7800		ug/l
Chromium																			5	U	ug/l	6	U	ug/l
Cobalt																			5	U	ug/l	5	U	ug/l
Copper																			0.84		ug/l	1.2		ug/l
Cyanide																								
Iron																			10	U	ug/l	5	U	ug/l
Lead	0.0025		mg/l	0.003		mg/l	0.0025		mg/l	0.003		mg/l	0.0025		mg/l	0.0015		mg/l	0.23		ug/l	0.47	J	ug/l
Lithium																								
Magnesium																			3700		ug/l	3700		ug/l
Manganese																			1		ug/l	1.8	J	ug/l
Mercury																			0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel																			1.3		ug/l	5	U	ug/l
Potassium																			860		ug/l	970		ug/l
Selenium																			1	U	ug/l	0.4		ug/l
Silicon																								
Silver																			0.03	U	ug/l	0.22	U	ug/l
Sodium																			3000		ug/l	3000		ug/l
Strontium																								
Sulfur																								
Thallium																			0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium																			3	U	ug/l	2	U	ug/l
Zinc	0.12		mg/l	0.11		mg/l	0.082		mg/l	0.092		mg/l	0.13		mg/l	0.12		mg/l	130		ug/l	140		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262			MC262			MC262			MC262			MC262			MC262			MC262			MC262		
Location Cross Ref.	MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186253			186253			186272			186272			186291			186291			186310			186310		
Sample Date	11/24/1997			11/24/1997			12/17/1997			12/17/1997			01/21/1998			01/21/1998			02/25/1998			02/25/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0007		mg/l	0.0007		mg/l	0.0007		mg/l	0.0007		mg/l	0.0007		mg/l	0.0005		mg/l	0.00025		mg/l	0.0005		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.0025		mg/l	0.0015		mg/l	0.0025		mg/l	0.0015		mg/l	0.004		mg/l	0.0015		mg/l	0.0025		mg/l	0.0015		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.14		mg/l	0.13		mg/l	0.17		mg/l	0.15		mg/l	0.16		mg/l	0.14		mg/l	0.11		mg/l	0.11		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262			MC262			MC262			MC262			MC262			MC262			MC262		
Location Cross Ref.	MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186329			186329			186348			186348			46324			46324			202240			202240		
Sample Date	03/20/1998			03/20/1998			04/23/1998			04/23/1998			05/05/1998			05/05/1998			05/28/1998			05/28/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum													50	U	ug/l	50	U	ug/l						
Antimony													0.3		ug/l	0.3		ug/l						
Arsenic													2	U	ug/l	2	U	ug/l						
Barium													22		ug/l	24		ug/l						
Beryllium													0.2	U	ug/l	0.2	U	ug/l						
Cadmium	0.0005		mg/l	0.0005		mg/l	0.0006		mg/l	0.0006		mg/l	1.8		ug/l	1.9		ug/l	0.5	U	ug/l	0.5	U	ug/l
Calcium													7800		ug/l	7700		ug/l						
Chromium													5	U	ug/l	5	U	ug/l						
Cobalt													10	U	ug/l	10	U	ug/l						
Copper													2		ug/l	2	U	ug/l						
Cyanide																								
Iron													20	U	ug/l	38		ug/l						
Lead	0.0025		mg/l	0.0015		mg/l	0.0025		mg/l	0.0015		mg/l	1		ug/l	2.6		ug/l	12		ug/l	3	U	ug/l
Lithium																								
Magnesium													3200		ug/l	3200		ug/l						
Manganese													11		ug/l	10		ug/l						
Mercury													0.2	U	ug/l	0.2	U	ug/l						
Molybdenum																								
Nickel													20	U	ug/l	20	U	ug/l						
Potassium													2000	U	ug/l	2000	U	ug/l						
Selenium													2	U	ug/l	2	U	ug/l						
Silicon																								
Silver													0.2	U	ug/l	0.2	U	ug/l						
Sodium													8500		ug/l	8400		ug/l						
Strontium																								
Sulfur																								
Thallium													0.2	U	ug/l	0.2	U	ug/l						
Titanium																								
Uranium																								
Vanadium													10	U	ug/l	10	U	ug/l						
Zinc	0.12		mg/l	0.11		mg/l	0.13		mg/l	0.15		mg/l	320		ug/l	320		ug/l	110		ug/l	99		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262			MC262			MC262			MC262			MC262			MC262			MC262			MC262		
Location Cross Ref.	MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202254			202254			202275			202275			202295			202295			202365			202365		
Sample Date	06/25/1998			06/25/1998			07/27/1998			07/27/1998			08/25/1998			08/25/1998			09/24/1998			09/24/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.6		ug/l	0.6		ug/l	0.6		ug/l	0.6		ug/l	0.5		ug/l	0.5		ug/l	0.5	U	ug/l	0.5	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	5	U	ug/l	3	U	ug/l	5	U	ug/l	3	U	ug/l	6		ug/l	3	U	ug/l	5	U	ug/l	3	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	130		ug/l	140		ug/l	90		ug/l	87		ug/l	98		ug/l	84		ug/l	110		ug/l	100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262			MC262			MC262			MC262			MC262			MC262			MC262			MC262		
Location Cross Ref.	MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202415			202415			186945			186945			186946			186946			202434			202434		
Sample Date	10/26/1998			10/26/1998			10/28/1998			10/28/1998			11/18/1998			11/18/1998			11/24/1998			11/24/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.5		ug/l	0.5		ug/l	1		ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	0.9		ug/l	0.9		ug/l
Calcium										7600		ug/l				8100		ug/l						
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	5	U	ug/l	3	U	ug/l	2		ug/l	1.4		ug/l	2		ug/l	1		ug/l	5	U	ug/l	3	U	ug/l
Lithium																								
Magnesium										3700		ug/l				4000		ug/l						
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	98		ug/l	87		ug/l	120		ug/l	130		ug/l	120		ug/l	120		ug/l	130		ug/l	130		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262	MC262	MC262	MC262	MC262	MC262	MC262	MC262
Location Cross Ref.	MC-1	MC-1	MC-1	MC-1	MC-1	MC-1	MC-1	MC-1
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(18) USGS/OTHER	(18) USGS/OTHER	(7) IDEQ/OTHER	(7) IDEQ/OTHER	(7) IDEQ/OTHER	(7) IDEQ/OTHER	(18) USGS/OTHER	(18) USGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	186947	186947	202454	202454	202468	202468	186948	186948
Sample Date	12/14/1998	12/14/1998	12/31/1998	12/31/1998	01/15/1999	01/15/1999	01/21/1999	01/21/1999
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	D6010	6010	D6010	6010	D6010	6010	D6010

Analyte	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1 UJ	ug/l	1 UJ	ug/l	0.7	ug/l	0.8	ug/l	2.4	ug/l	1	ug/l	1 UJ	ug/l	0.001 UJ	ug/l
Calcium			7300	ug/l											5.1	ug/l
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	2	ug/l	1	ug/l	7	ug/l	3 U	ug/l	14	ug/l	3 U	ug/l	3	ug/l	0.001	ug/l
Lithium																
Magnesium			3600	ug/l											2.4	ug/l
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	160	ug/l	170	ug/l	96	ug/l	99	ug/l	100	ug/l	94	ug/l	100	ug/l	0.1	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262			MC262			MC262			MC262			MC262			MC262			MC262			MC262		
Location Cross Ref.	MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202489			202489			202508			202508			186949			186949			186950			186950		
Sample Date	02/22/1999			02/22/1999			03/08/1999			03/08/1999			03/22/1999			03/22/1999			04/20/1999			04/20/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.9		ug/l	0.9		ug/l	0.6		ug/l	0.7		ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Calcium																3800		ug/l				3600		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	5	U	ug/l	3	U	ug/l	5	U	ug/l	3	U	ug/l	47		ug/l	1		ug/l	5		ug/l	1		ug/l
Lithium																								
Magnesium																1700		ug/l				1500		ug/l
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	130		ug/l	130		ug/l	120		ug/l	110		ug/l	110		ug/l	57		ug/l	40		ug/l	45		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262			MC262			MC262			MC262			MC262			MC262			MC262			MC262		
Location Cross Ref.	MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186951			186951			186952			186952			186953			186953			202173			202173		
Sample Date	05/04/1999			05/04/1999			05/23/1999			05/23/1999			06/16/1999			06/16/1999			07/20/1999			07/20/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				1		ug/l				1		ug/l				1		ug/l						
Calcium				4200		ug/l				5000		ug/l				6000		ug/l	7.2		mg/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron							30		ug/l	10		ug/l												
Lead	1		ug/l	1		ug/l				1		ug/l	1		ug/l	1		ug/l				0.49		ug/l
Lithium																								
Magnesium				1800		ug/l				2200		ug/l				2700		ug/l	3.3		mg/l			
Manganese							2		ug/l	1.6		ug/l												
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium				2000		ug/l				2.2		ug/l				2400		ug/l	2.6		mg/l			
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	60		ug/l	56		ug/l	70		ug/l	61		ug/l	70		ug/l	74		ug/l				91		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC262			MC262			MC262			MC262			MC262			MC262			MC262			MC8122		
Location Cross Ref.	MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			MC-1			B7179703		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			Spring/Seep		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202173			202174			202174			202174			202175			202175			202175			187864		
Sample Date	07/20/1999			08/04/1999			08/04/1999			08/04/1999			08/31/1999			08/31/1999			08/31/1999			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			6010			D6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																						0.029	U	mg/l
Barium																						0.029		mg/l
Beryllium																								
Cadmium	1	U	ug/l							1	U	ug/l							1	U	ug/l	0.007		mg/l
Calcium				8		mg/l							8.5		mg/l									
Chromium																						0.013	U	mg/l
Cobalt																								
Copper																						0.035	U	mg/l
Cyanide																								
Iron																						0.012	U	mg/l
Lead	1	U	ug/l				0.34		ug/l	1	U	ug/l				0.6		ug/l	1	U	ug/l	0.015	U	mg/l
Lithium																								
Magnesium				3.7		mg/l							4.1		mg/l									
Manganese																						0.004		mg/l
Mercury																								
Molybdenum																								
Nickel																						0.04		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium				2.8		mg/l							2.9		mg/l									
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	93		ug/l				78		ug/l	81		ug/l				83		ug/l	85		ug/l	0.003	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC8122			MC8122			MC8123			MC8123			MC8123			MC8123			MC8123			MC8123		
Location Cross Ref.	B7179703			B7179703			B7179704			B7179704			B7179704			B7179704			B7179704			B7179704		
Location Type	Spring/Seep			Spring/Seep			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187864			187864			187865			187865			187865			187960			187960			187960		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate		
Analytical Method	D6010			7470			6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.089	U	mg/l							0.089	U	mg/l							0.089	U	mg/l			
Antimony																								
Arsenic							0.023		mg/l							0.023		mg/l						
Barium	0.027		mg/l				0.025		mg/l	0.021		mg/l				0.025		mg/l	0.021		mg/l			
Beryllium																								
Cadmium	0.0023	U	mg/l				0.006		mg/l	0.0023	U	mg/l				0.006		mg/l	0.0023	U	mg/l			
Calcium																								
Chromium	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l			
Cobalt																								
Copper	0.0084	U	mg/l				0.035	U	mg/l	0.0084	U	mg/l				0.035	U	mg/l	0.008	U	mg/l			
Cyanide																								
Iron	0.0037	U	mg/l				0.3		mg/l	0.25		mg/l				0.3		mg/l	0.25		mg/l			
Lead							0.015	U	mg/l							0.015	U	mg/l						
Lithium																								
Magnesium																								
Manganese	0.0012	U	mg/l				0.15		mg/l	0.13		mg/l				0.15		mg/l	0.13		mg/l			
Mercury				0.005	U	mg/l							0.005	U	mg/l							0.005	U	mg/l
Molybdenum																								
Nickel	0.015		mg/l				0.04		mg/l	0.014		mg/l				0.04		mg/l	0.014		mg/l			
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.0028		mg/l				0.03		mg/l	0.021		mg/l				0.03		mg/l	0.021		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Moon Creek - segment MoonCrkSeg02

Site Location	MC8124			MC8124			MC8124			MC8124			MC8124			MC8124		
Location Cross Ref.	B7179705			B7179705			B7179705			B7179705			B7179705			B7179705		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	187866			187866			187866			187961			187961			187961		
Sample Date	*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate		
Analytical Method	6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.089	U	mg/l							0.089	U	mg/l			
Antimony																		
Arsenic	0.029	U	mg/l							0.029	U	mg/l						
Barium	0.023		mg/l	0.02		mg/l				0.023		mg/l	0.02		mg/l			
Beryllium																		
Cadmium	0.005		mg/l	0.0037		mg/l				0.005		mg/l	0.0037		mg/l			
Calcium																		
Chromium	0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l			
Cobalt																		
Copper	0.035	U	mg/l	0.0084	U	mg/l				0.035	U	mg/l	0.008	U	mg/l			
Cyanide																		
Iron	0.012		mg/l	0.0037	U	mg/l				0.012	U	mg/l	0.0037	U	mg/l			
Lead	0.0031		mg/l							0.0031		mg/l						
Lithium																		
Magnesium																		
Manganese	0.012		mg/l	0.0081		mg/l				0.012		mg/l	0.008		mg/l			
Mercury							0.005	U	mg/l							0.005	U	mg/l
Molybdenum																		
Nickel	0.04		mg/l	0.007		mg/l				0.04		mg/l	0.01		mg/l			
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	0.33		mg/l	0.34		mg/l				0.33		mg/l	0.34		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg01

Site Location	NM289	NM289	NM289	NM289	NM289	NM289	NM289	NM289
Location Cross Ref.	ENM-60	ENM-60	ENM-60	ENM-60	ENM-60	ENM-60	ENM-60	ENM-60
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172020	172020	172020	172020	172020	172123	172123	172123
Sample Date	05/16/1991	05/16/1991	05/16/1991	05/16/1991	05/16/1991	10/04/1991	10/04/1991	10/04/1991
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	7131	7421	D6010	D7421	6010	7131	7421
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium		0.0002 U mg/l		0.0002 U mg/l			0.0002 U mg/l	
Calcium								
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead			0.003 U mg/l		0.003 UJ mg/l			0.001 mg/l
Lithium								
Magnesium								
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc	0.02 U mg/l			0.02 U mg/l		0.012 U mg/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg01

Site Location	NM289			NM289			NM289			NM289			NM289			NM289			NM290			NM290		
Location Cross Ref.	ENM-60			ENM-60			ENM-60			ENM-60			ENM-60			ENM-60			NM290			NM290		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172123			172123			168491			168491			46377			46377			46378			46378		
Sample Date	10/04/1991			10/04/1991			11/13/1997			11/13/1997			05/14/1998			05/14/1998			05/14/1998			05/14/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							20	U	ug/l	47	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	52		ug/l
Antimony							0.5	U	ug/l	0.05	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Arsenic							0.1	U	ug/l	0.16	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l
Barium							9.5		ug/l	9.4	J	ug/l	8		ug/l	7		ug/l	8		ug/l	8		ug/l
Beryllium							1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Cadmium	0.0002	U	mg/l				0.04	U	ug/l	0.069	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Calcium							3900		ug/l	3900		ug/l	1800		ug/l	1800		ug/l	2100		ug/l	2300		ug/l
Chromium							5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt							5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l
Copper							0.5	U	ug/l	0.17	J	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l
Cyanide																								
Iron							10	U	ug/l	8.6	U	ug/l	20	U	ug/l	21		ug/l	20	U	ug/l	51		ug/l
Lead				0.0001	U	mg/l	0.1	U	ug/l	0.11	J	ug/l	0.6		ug/l	1		ug/l	0.8		ug/l	2.6		ug/l
Lithium																								
Magnesium							480		ug/l	450	J	ug/l	300		ug/l	290		ug/l	600		ug/l	640		ug/l
Manganese							1	U	ug/l	1.1	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Mercury							0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel							0.3	U	ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l
Potassium							920		ug/l	220	J	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l
Selenium							1	U	ug/l	0.21	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l
Silicon																								
Silver							0.03	U	ug/l	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Sodium							2000		ug/l	1900		ug/l	1200		ug/l	1200		ug/l	1400		ug/l	1400		ug/l
Strontium																								
Sulfur																								
Thallium							0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium							3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l
Zinc	0.012	U	mg/l				4.7		ug/l	12	U	ug/l	11		ug/l	12		ug/l	16		ug/l	19		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg01

Site Location	NM365			NM365		
Location Cross Ref.	AD365			AD365		
Location Type	Adit			Adit		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water		
Depth Range in Ft.	-			-		
Sample Number	168549			168549		
Sample Date	11/14/1997			11/14/1997		
Sample Type	Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	4800		ug/l
Antimony	0.5	U	ug/l	4.8	J	ug/l
Arsenic	0.36		ug/l	3.8		ug/l
Barium	15		ug/l	30		ug/l
Beryllium	1	U	ug/l	0.35	U	ug/l
Cadmium	150		ug/l	160		ug/l
Calcium	17000		ug/l	17000		ug/l
Chromium	5	U	ug/l	6	U	ug/l
Cobalt	5	U	ug/l	16		ug/l
Copper	15		ug/l	160		ug/l
Cyanide						
Iron	10	U	ug/l	6700		ug/l
Lead	93		ug/l	2000		ug/l
Lithium						
Magnesium	1600		ug/l	2000		ug/l
Manganese	790		ug/l	1600		ug/l
Mercury	0.2	U	ug/l	0.25	U	ug/l
Molybdenum						
Nickel	14		ug/l	15	J	ug/l
Potassium	840	J	ug/l	1000		ug/l
Selenium	1.2		ug/l	0.21	U	ug/l
Silicon						
Silver	0.03	U	ug/l	2.8		ug/l
Sodium	1300		ug/l	1300		ug/l
Strontium						
Sulfur						
Thallium	0.5	U	ug/l	0.017	U	ug/l
Titanium						
Uranium						
Vanadium	3	U	ug/l	4.7	J	ug/l
Zinc	24000		ug/l	28000	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM8			NM8			NM8			NM8			NM8			NM8			NM8			NM8		
Location Cross Ref.	ENM-10			ENM-10			ENM-10			ENM-10			ENM-10			ENM-10			ENM-10			ENM-10		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172018			172018			172018			172018			172018			172019			172019			172019		
Sample Date	05/16/1991			05/16/1991			05/16/1991			05/16/1991			05/16/1991			05/16/1991			05/16/1991			05/16/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate		
Analytical Method	6010			7131			7421			D6010			D7421			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0084		mg/l				0.0084		mg/l							0.0086		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.044		mg/l				0.01	J	mg/l							0.046		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2.3		mg/l							2.4		mg/l				2.3		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM8			NM8			NM8			NM8			NM8			NM8			NM8			NM8		
Location Cross Ref.	ENM-10			ENM-10			ENM-10			ENM-10			ENM-10			ENM-10			ENM-10			ENM-10		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(11) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172019			172019			172130			172130			172130			172130			172130			48906		
Sample Date	05/16/1991			05/16/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			12/06/1998		
Sample Type	Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D7421			6010			7131			7421			D6010			D7421			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																						50	U	ug/l
Antimony																						1	U	ug/l
Arsenic																						1	U	ug/l
Barium																						41		ug/l
Beryllium																						1	U	ug/l
Cadmium	0.0086		mg/l							0.033		mg/l				0.032		mg/l				90		ug/l
Calcium																						16000		ug/l
Chromium																						5	U	ug/l
Cobalt																						5	U	ug/l
Copper																						7.2		ug/l
Cyanide																								
Iron																						79	J	ug/l
Lead				0.026	J	mg/l							0.13		mg/l				0.087		mg/l	140		ug/l
Lithium																								
Magnesium																						2200		ug/l
Manganese																						210		ug/l
Mercury																						0.2	U	ug/l
Molybdenum																								
Nickel																						6.2	J	ug/l
Potassium																						950		ug/l
Selenium																						1	U	ug/l
Silicon																								
Silver																						5	U	ug/l
Sodium																						4100		ug/l
Strontium																								
Sulfur																								
Thallium																						1	U	ug/l
Titanium																								
Uranium																								
Vanadium																						5	U	ug/l
Zinc	2.5		mg/l				6.4		mg/l							6.8		mg/l				16000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM8	NM8	NM8	NM8	NM8	NM8	NM8	NM8
Location Cross Ref.	ENM-10	ENM-10	ENM-10	ENM-10	ENM-10	ENM-10	ENM-10	ENM-10
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(11) URS/SWRI	(11) URS/SWRI	(11) URS/SWRI	(11) URS/SWRI	(11) URS/SWRI	(11) URS/SWRI	(11) URS/SWRI	(11) URS/SWRI
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	48906	48906	48906	48906	48907	48907	48907	48907
Sample Date	12/06/1998	12/06/1998	12/06/1998	12/06/1998	12/06/1998	12/06/1998	12/06/1998	12/06/1998
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate
Analytical Method	IN-CLP-LOW	IN-CLP-LOW	IN-CLP-LOW	IN-CLP-LOW	DIN-CLP-LOW	IN-CLP-LOW	IN-CLP-LOW	IN-CLP-LOW
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum		240 ug/l			50 U ug/l		190 ug/l	
Antimony			1 U ug/l		1 U ug/l			1 U ug/l
Arsenic			1 U ug/l		1 U ug/l			1 U ug/l
Barium		40 ug/l			40 ug/l		40 ug/l	
Beryllium		1 U ug/l			1 U ug/l		1 U ug/l	
Cadmium		90 ug/l			91 ug/l		91 ug/l	
Calcium		16000 ug/l			16000 ug/l		16000 ug/l	
Chromium		5 U ug/l			5 U ug/l		5 U ug/l	
Cobalt		5 U ug/l			5 U ug/l		5 U ug/l	
Copper		9.2 ug/l			6.6 ug/l		8.6 ug/l	
Cyanide								
Iron		50 U ug/l			50 U ug/l		50 U ug/l	
Lead			200 ug/l		140 ug/l			180 ug/l
Lithium								
Magnesium		2300 ug/l			2200 ug/l		2300 ug/l	
Manganese		220 ug/l			220 ug/l		220 ug/l	
Mercury	0.2 U ug/l				0.2 U ug/l	0.2 U ug/l		
Molybdenum								
Nickel		6.4 J ug/l			6.6 J ug/l		7 J ug/l	
Potassium				970 ug/l	970 ug/l			
Selenium			1 J ug/l		1 U ug/l			1 U ug/l
Silicon								
Silver		5 U ug/l			5 U ug/l		5 U ug/l	
Sodium				4500 ug/l	4300 ug/l			
Strontium								
Sulfur								
Thallium			1 U ug/l		1 U ug/l			1 U ug/l
Titanium								
Uranium								
Vanadium		5 U ug/l			5 U ug/l		5 U ug/l	
Zinc					16000 ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM8			NM100			NM100			NM100			NM100			NM291			NM291			NM291		
Location Cross Ref.	ENM-10			USGS AB 296, BEL 295			USGS AB 296, BEL 295			USGS AB 296, BEL 295			USGS AB 296, BEL 295			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(11) URS/SWRI			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	48907			186887			186887			186887			186887			172022			172022			172022		
Sample Date	12/06/1998			05/23/1999			05/23/1999			05/23/1999			05/23/1999			05/16/1991			05/16/1991			05/16/1991		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			6010			D6010			6010			D6010			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				10		ug/l	8.2		ug/l										0.0006		mg/l			
Calcium										3.2		mg/l												
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron										1.6	U	mg/l	10		ug/l									
Lead				620		ug/l	25		ug/l													0.003		mg/l
Lithium																								
Magnesium										0.53		mg/l												
Manganese										0.18		mg/l	32		ug/l									
Mercury																								
Molybdenum																								
Nickel																								
Potassium	970		ug/l																					
Selenium																								
Silicon																								
Silver																								
Sodium	4400		ug/l							1.4		mg/l												
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				1700		ug/l	1400		ug/l							0.15		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM291			NM291			NM291			NM291			NM291			NM291			NM291			NM291		
Location Cross Ref.	ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172022			172022			172125			172125			172125			172125			172125			174166		
Sample Date	05/16/1991			05/16/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/27/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D7421			6010			7131			7421			D6010			D7421			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0004		mg/l							0.001		mg/l				0.001		mg/l				1.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.003	UJ	mg/l							0.004		mg/l				0.001	U	mg/l	2.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.14		mg/l				0.26		mg/l							0.25		mg/l				310		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM291			NM291			NM291			NM291			NM291			NM291			NM291			NM291		
Location Cross Ref.	ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174166			174169			174169			174170			174170			174173			174173			174177		
Sample Date	10/27/1993			12/02/1993			12/02/1993			12/16/1993			12/16/1993			01/24/1994			01/24/1994			04/08/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.6		ug/l	1.5		ug/l	1.4		ug/l	1.2		ug/l	1.2		ug/l	1.3		ug/l	1.2		ug/l	1.4		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1.5	U	ug/l	28		ug/l	1.5	U	ug/l	7		ug/l	1.5	U	ug/l	8		ug/l	1.5	U	ug/l	6		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	330		ug/l	330		ug/l	300		ug/l	300		ug/l	280		ug/l	300		ug/l	300		ug/l	320		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM291			NM291			NM291			NM291			NM291			NM291			NM291			NM291		
Location Cross Ref.	ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174177			174180			174180			174182			174182			174183			174183			174185		
Sample Date	04/08/1994			04/19/1994			04/19/1994			05/04/1994			05/04/1994			05/19/1994			05/19/1994			06/07/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.6		ug/l	2.1		ug/l	2.9		ug/l	1		ug/l	1		ug/l	0.6		ug/l	0.6		ug/l	1.2		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1.5	U	ug/l	18		ug/l	3.7		ug/l	2.5	U	ug/l	2	J	ug/l	5		ug/l	3		ug/l	2.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	330		ug/l	410		ug/l	400		ug/l	170		ug/l	160		ug/l	100		ug/l	110		ug/l	150		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM291			NM291			NM291			NM291			NM291			NM291			NM291			NM291		
Location Cross Ref.	ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174185			174187			174187			174189			174189			174191			174191			174193		
Sample Date	06/07/1994			06/23/1994			06/23/1994			07/20/1994			07/20/1994			08/15/1994			08/15/1994			09/08/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1		ug/l	1		ug/l	1		ug/l	1.1		ug/l	1.2		ug/l	1.4		ug/l	1.3		ug/l	1.2		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	3		ug/l	5		ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	5		ug/l	2.5	J	ug/l	5		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	160		ug/l	160		ug/l	160		ug/l	200		ug/l	200		ug/l	260		ug/l	260		ug/l	250		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM291			NM291			NM291			NM291			NM291			NM291			NM291			NM291		
Location Cross Ref.	ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174193			174195			174195			174202			174202			174204			174204			174206		
Sample Date	09/08/1994			10/04/1994			10/04/1994			04/13/1995			04/13/1995			04/25/1995			04/25/1995			05/09/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.4		ug/l	1.4		ug/l	1.4		ug/l	1.2		ug/l	1.3		ug/l	1.3		ug/l	1.3		ug/l	1.4		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1.5	U	ug/l	8		ug/l	1.5	U	ug/l	8		ug/l	3		ug/l	8		ug/l	1.5	U	ug/l	12		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	260		ug/l	310		ug/l	310		ug/l	280		ug/l	280		ug/l	320		ug/l	280		ug/l	150		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM291		NM291		NM291		NM291		NM291		NM291		NM291		NM291	
Location Cross Ref.	ENM-50/ENM-5		ENM-50/ENM-5		ENM-50/ENM-5		ENM-50/ENM-5		ENM-50/ENM-5		ENM-50/ENM-5		ENM-50/ENM-5		ENM-50/ENM-5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	174206		174208		174208		174210		174210		174212		174212		174214	
Sample Date	05/09/1995		05/23/1995		05/23/1995		06/12/1995		06/12/1995		06/27/1995		06/27/1995		07/11/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1	ug/l	0.7	ug/l	0.7	ug/l	0.5	ug/l	0.5	ug/l	0.6	ug/l	0.7	ug/l	0.8	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	4	ug/l	5	ug/l	3	ug/l	9	ug/l	3	ug/l	2.5 U	ug/l	1.5 U	ug/l	5	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	140	ug/l	74	ug/l	71	ug/l	75	ug/l	74	ug/l	97	ug/l	110	ug/l	140	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM291			NM291			NM291			NM291			NM291			NM291			NM291			NM291		
Location Cross Ref.	ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174214			174216			174216			174218			174218			174220			174220			168492		
Sample Date	07/11/1995			07/25/1995			07/25/1995			08/14/1995			08/14/1995			09/13/1995			09/13/1995			11/13/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																						20	U	ug/l
Antimony																						0.5	U	ug/l
Arsenic																						0.14		ug/l
Barium																						12		ug/l
Beryllium																						1	U	ug/l
Cadmium	0.9		ug/l	0.8		ug/l	0.8		ug/l	1.1		ug/l	1		ug/l	1.3		ug/l	1.3		ug/l	1.3		ug/l
Calcium																						6300		ug/l
Chromium																						5	U	ug/l
Cobalt																						5	U	ug/l
Copper																						0.5	U	ug/l
Cyanide																								
Iron																						10	U	ug/l
Lead	4		ug/l	7		ug/l	1.5	U	ug/l	8		ug/l	3		ug/l	14		ug/l	4		ug/l	1.4		ug/l
Lithium																								
Magnesium																						910		ug/l
Manganese																						1	U	ug/l
Mercury																						0.2	U	ug/l
Molybdenum																								
Nickel																						0.45		ug/l
Potassium																						1100		ug/l
Selenium																						1	U	ug/l
Silicon																								
Silver																						0.03	U	ug/l
Sodium																						2000		ug/l
Strontium																								
Sulfur																								
Thallium																						0.5	U	ug/l
Titanium																								
Uranium																								
Vanadium																						3	U	ug/l
Zinc	150		ug/l	160		ug/l	160		ug/l	220		ug/l	210		ug/l	260		ug/l	240		ug/l	310		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM291			NM291			NM291			NM291			NM291			NM292			NM292			NM292		
Location Cross Ref.	ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			ENM-50/ENM-5			NM292			NM292			NM292		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(11) URS/SWRI			(11) URS/SWRI			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168492			46379			46379			49021			49021			168493			168493			46380		
Sample Date	11/13/1997			05/14/1998			05/14/1998			11/15/1998			11/15/1998			11/13/1997			11/13/1997			05/14/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	54	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	20	U	ug/l	110	U	ug/l	50	U	ug/l
Antimony	0.12	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	1	U	ug/l	0.5	U	ug/l	0.05	U	ug/l	0.2	U	ug/l
Arsenic	0.19		ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l	0.1	U	ug/l	0.16	U	ug/l	2	U	ug/l
Barium	13	J	ug/l	5	U	ug/l	5	U	ug/l	5.9	J	ug/l	6.2	J	ug/l	4.8		ug/l	6.3	J	ug/l	6		ug/l
Beryllium	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l
Cadmium	1.1		ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	1	U	ug/l	0.04	U	ug/l	0.069	U	ug/l	0.2	U	ug/l
Calcium	6000		ug/l	1400		ug/l	1400		ug/l	2300		ug/l	2400		ug/l	1800		ug/l	1800		ug/l	1700		ug/l
Chromium	6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	8.9	J	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l
Copper	0.22	J	ug/l	2	U	ug/l	2	U	ug/l	5	U	ug/l	5	U	ug/l	1.1		ug/l	0.06	U	ug/l	2	U	ug/l
Cyanide																								
Iron	63	J	ug/l	20	U	ug/l	22		ug/l	50	U	ug/l	50	U	ug/l	10	U	ug/l	150		ug/l	20	U	ug/l
Lead	1.5		ug/l	0.2	U	ug/l	0.3		ug/l	1	U	ug/l	2		ug/l	0.24		ug/l	1.7		ug/l	1.3		ug/l
Lithium																								
Magnesium	920		ug/l	230		ug/l	240		ug/l	400	J	ug/l	400	J	ug/l	300		ug/l	300	J	ug/l	290		ug/l
Manganese	2.8	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	1	U	ug/l	7.4	J	ug/l	5	U	ug/l
Mercury	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	20	U	ug/l	20	U	ug/l	5	U	ug/l	5	U	ug/l	0.3	U	ug/l	5	U	ug/l	20	U	ug/l
Potassium	480	J	ug/l	2000	U	ug/l	2000	U	ug/l	370	J	ug/l	350	J	ug/l	700	U	ug/l	370	J	ug/l	2000	U	ug/l
Selenium	0.21	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.21	U	ug/l	2	U	ug/l
Silicon																								
Silver	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	5	U	ug/l	5	U	ug/l	0.03	U	ug/l	0.22	UJ	ug/l	0.2	U	ug/l
Sodium	2000		ug/l	770		ug/l	760		ug/l	1400		ug/l	1400		ug/l	1200		ug/l	1300		ug/l	980		ug/l
Strontium																								
Sulfur																								
Thallium	0.47	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	1	U	ug/l	0.5	U	ug/l	0.16	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium	2.4		ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	3	U	ug/l	2		ug/l	10	U	ug/l
Zinc	330		ug/l	10	U	ug/l	10	U	ug/l	5.5		ug/l	16		ug/l	6.4		ug/l	14	U	ug/l	31		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM292			NM292			NM292			NM293			NM293			NM293			NM293			NM293		
Location Cross Ref.	NM292			NM292			NM292			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(11) URS/SWRI			(11) URS/SWRI			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46380			49022			49022			172023			172023			172023			172023			172023		
Sample Date	05/14/1998			11/15/1998			11/15/1998			05/16/1991			05/16/1991			05/16/1991			05/16/1991			05/16/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	58		ug/l	50	U	ug/l	50	U	ug/l															
Antimony	0.2	U	ug/l	1	U	ug/l	1	U	ug/l															
Arsenic	2	U	ug/l	1	U	ug/l	1	U	ug/l															
Barium	6		ug/l	15	J	ug/l	15	J	ug/l															
Beryllium	0.2	U	ug/l	1	U	ug/l	1	U	ug/l															
Cadmium	0.2		ug/l	1.4		ug/l	1.3		ug/l				0.0037		mg/l				0.0038		mg/l			
Calcium	1800		ug/l	7600		ug/l	7600		ug/l															
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Cobalt	10	U	ug/l	5	U	ug/l	5	U	ug/l															
Copper	2	U	ug/l	5	U	ug/l	5	U	ug/l															
Cyanide																								
Iron	42		ug/l	50	U	ug/l	50	U	ug/l															
Lead	1.9		ug/l	2.5		ug/l	3.1		ug/l							0.015		mg/l				0.003	J	mg/l
Lithium																								
Magnesium	300		ug/l	1200		ug/l	1100		ug/l															
Manganese	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l															
Molybdenum																								
Nickel	20	U	ug/l	5	U	ug/l	5	U	ug/l															
Potassium	2000	U	ug/l	440	J	ug/l	420	J	ug/l															
Selenium	2	U	ug/l	1	U	ug/l	1	U	ug/l															
Silicon																								
Silver	0.2	U	ug/l	5	U	ug/l	5	U	ug/l															
Sodium	980		ug/l	2000		ug/l	2000		ug/l															
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	1	U	ug/l	1	U	ug/l															
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	5	U	ug/l	5	U	ug/l															
Zinc	34		ug/l	350		ug/l	370		ug/l	1.3		mg/l							1.3		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM293			NM293			NM293			NM293			NM293			NM293			NM293			NM293		
Location Cross Ref.	ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172126			172126			172126			172126			172126			173926			173926			173927		
Sample Date	10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			04/19/1994			04/19/1994			05/04/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.009		mg/l				0.0083		mg/l				29		ug/l	28		ug/l	21		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.019		mg/l				0.007		mg/l	100		ug/l	21		ug/l	17		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2.3		mg/l							2.4		mg/l				3900		ug/l	3800		ug/l	2600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM293			NM293			NM293			NM293			NM293			NM293			NM293			NM293		
Location Cross Ref.	ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173927			173928			173928			173929			173929			173930			173930			173931		
Sample Date	05/04/1994			05/19/1994			05/19/1994			06/07/1994			06/07/1994			06/23/1994			06/23/1994			07/20/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	20		ug/l	11		ug/l	11		ug/l	13		ug/l	13		ug/l	12		ug/l	14		ug/l	13		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	13		ug/l	13		ug/l	9		ug/l	12		ug/l	10		ug/l	18		ug/l	19		ug/l	18		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2700		ug/l	1400		ug/l	1500		ug/l	2000		ug/l	2000		ug/l	2100		ug/l	2200		ug/l	2400		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM293			NM293			NM293			NM293			NM293			NM293			NM293			NM293		
Location Cross Ref.	ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173931			173932			173932			173933			173933			173934			173934			173935		
Sample Date	07/20/1994			08/15/1994			08/15/1994			09/08/1994			09/08/1994			10/04/1994			10/04/1994			05/09/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	14		ug/l	16		ug/l	16		ug/l	13		ug/l	14		ug/l	14		ug/l	14		ug/l	12		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	13		ug/l	23		ug/l	15		ug/l	20		ug/l	15		ug/l	27		ug/l	12		ug/l	57		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2500		ug/l	3000		ug/l	3000		ug/l	2900		ug/l	3000		ug/l	3300		ug/l	3500		ug/l	2500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM293			NM293			NM293			NM293			NM293			NM293			NM293			NM293		
Location Cross Ref.	ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173935			173936			173936			173937			173937			173938			173938			173939		
Sample Date	05/09/1995			05/13/1995			05/13/1995			05/23/1995			05/23/1995			06/12/1995			06/12/1995			06/27/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	13		ug/l	46		ug/l	46		ug/l	9.8		ug/l	9.3		ug/l	8.9		ug/l	9		ug/l	11		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	12		ug/l	23		ug/l	13		ug/l	14		ug/l	9		ug/l	14		ug/l	8		ug/l	11		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2300		ug/l	9100		ug/l	37		ug/l	1500		ug/l	1500		ug/l	1600		ug/l	1600		ug/l	1900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM293			NM293			NM293			NM293			NM293			NM293			NM293			NM293		
Location Cross Ref.	ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4			ENM-40/ENM-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173939			173940			173940			173941			173941			173942			173942			173943		
Sample Date	06/27/1995			07/11/1995			07/11/1995			07/25/1995			07/25/1995			08/14/1995			08/14/1995			09/13/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	12		ug/l	12		ug/l	12		ug/l	13		ug/l	13		ug/l	16		ug/l	16		ug/l	18		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	9		ug/l	15		ug/l	11		ug/l	16		ug/l	11		ug/l	20		ug/l	14		ug/l	37		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1900		ug/l	2300		ug/l	2300		ug/l	2500		ug/l	2600		ug/l	3300		ug/l	3400		ug/l	3900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM293		NM293		NM293		NM293		NM293		NM293		NM293		NM293	
Location Cross Ref.	ENM-40/ENM-4		ENM-40/ENM-4		ENM-40/ENM-4		ENM-40/ENM-4		ENM-40/ENM-4		ENM-40/ENM-4		ENM-40/ENM-4		ENM-40/ENM-4	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173943		168494		168494		46381		46381		49023		49023		49024	
Sample Date	09/13/1995		11/12/1997		11/12/1997		05/14/1998		05/14/1998		11/15/1998		11/15/1998		11/15/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate	
Analytical Method	D6010		DIN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum			20	ug/l	37 U	ug/l	68	ug/l	50 U	ug/l	66 J	ug/l	160	ug/l	67 J	ug/l
Antimony			0.5 U	ug/l	0.28 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Arsenic			0.13	ug/l	0.16 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Barium			16	ug/l	24	ug/l	9	ug/l	6	ug/l	28	ug/l	28	ug/l	28	ug/l
Beryllium			1 U	ug/l	0.35 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	18	ug/l	18	ug/l	16	ug/l	5.4	ug/l	4.6	ug/l	77	ug/l	77	ug/l	79	ug/l
Calcium			7200	ug/l	6900	ug/l	2600	ug/l	2400	ug/l	13000	ug/l	13000	ug/l	13000	ug/l
Chromium			5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt			5 U	ug/l	5 U	ug/l	10 U	ug/l	10 U	ug/l	6.1	ug/l	5.9	ug/l	6.3	ug/l
Copper			0.84	ug/l	0.72 J	ug/l	2 U	ug/l	2 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cyanide																
Iron			10 U	ug/l	370	ug/l	78	ug/l	20 U	ug/l	97 J	ug/l	230	ug/l	120	ug/l
Lead	17	ug/l	14	ug/l	16	ug/l	20	ug/l	7.5	ug/l	93	ug/l	120	ug/l	96	ug/l
Lithium																
Magnesium			1100	ug/l	1000	ug/l	430	ug/l	400	ug/l	1900	ug/l	1900	ug/l	1900	ug/l
Manganese			90	ug/l	94	ug/l	61	ug/l	53	ug/l	960	ug/l	960	ug/l	980	ug/l
Mercury			0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel			2.9	ug/l	5 U	ug/l	20 U	ug/l	20 U	ug/l	11 J	ug/l	9.7 J	ug/l	11 J	ug/l
Potassium			700 U	ug/l	540 J	ug/l	2000 U	ug/l	2000 U	ug/l	890	ug/l	880	ug/l	910	ug/l
Selenium			1 U	ug/l	0.21 U	ug/l	2 U	ug/l	2 U	ug/l	1.8 J	ug/l	1.1 J	ug/l	1.9 J	ug/l
Silicon																
Silver			0.03 U	ug/l	0.22 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium			2100	ug/l	2000	ug/l	1200	ug/l	1200	ug/l	3100	ug/l	3100	ug/l	3200	ug/l
Strontium																
Sulfur																
Thallium			0.5 U	ug/l	0.017 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Titanium																
Uranium																
Vanadium			3 U	ug/l	2 U	ug/l	10 U	ug/l	10 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	4000	ug/l	4400	ug/l	4500	ug/l	1300	ug/l	1200	ug/l			14000	ug/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM293		NM294		NM294		NM294		NM294		NM294		NM294		NM294	
Location Cross Ref.	ENM-40/ENM-4		NM294		NM294		NM294		NM294		NM294		NM294		NM294	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(11) URS/SWRI		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(11) URS/SWRI	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	49024		168495		168495		46382		46382		46383		46383		49025	
Sample Date	11/15/1998		11/13/1997		11/13/1997		05/14/1998		05/14/1998		05/14/1998		05/14/1998		11/15/1998	
Sample Type	Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	150	ug/l	20 U	ug/l	94 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Antimony	1 U	ug/l	0.5 U	ug/l	0.36 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l
Arsenic	1 U	ug/l	0.15	ug/l	0.25	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l
Barium	29	ug/l	45	ug/l	47	ug/l	31	ug/l	29	ug/l	31	ug/l	31	ug/l	14 J	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	0.35 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l
Cadmium	79	ug/l	17	ug/l	16	ug/l	13	ug/l	13	ug/l	13	ug/l	14	ug/l	1 U	ug/l
Calcium	13000	ug/l	50000	ug/l	48000	ug/l	29000	ug/l	26000	ug/l	29000	ug/l	27000	ug/l	3600	ug/l
Chromium	5 U	ug/l	5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	6.1	ug/l	5 U	ug/l	5 U	ug/l	10 U	ug/l	10 U	ug/l	10 U	ug/l	10 U	ug/l	5 U	ug/l
Copper	5 U	ug/l	1	ug/l	2.8 J	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	5 U	ug/l
Cyanide																
Iron	230	ug/l	10 U	ug/l	320	ug/l	170	ug/l	20 U	ug/l	160	ug/l	20 U	ug/l	50 U	ug/l
Lead	130	ug/l	5.7	ug/l	75	ug/l	17	ug/l	3	ug/l	19	ug/l	3	ug/l	1 U	ug/l
Lithium																
Magnesium	1900	ug/l	7300	ug/l	6900	ug/l	4400	ug/l	4000	ug/l	4400	ug/l	4200	ug/l	810	ug/l
Manganese	990	ug/l	91	ug/l	130	ug/l	140	ug/l	120	ug/l	140	ug/l	130	ug/l	5 U	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	9.6 J	ug/l	10	ug/l	6.5 J	ug/l	20 U	ug/l	20 U	ug/l	20 U	ug/l	20 U	ug/l	5 U	ug/l
Potassium	900	ug/l	4700	ug/l	5100	ug/l	2900	ug/l	2400	ug/l	3700	ug/l	3500	ug/l	910	ug/l
Selenium	1.1 J	ug/l	1 U	ug/l	0.21 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l
Silicon																
Silver	5 U	ug/l	0.03 U	ug/l	0.22 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	5 U	ug/l
Sodium	3200	ug/l	3700	ug/l	3600	ug/l	2700	ug/l	2600	ug/l	2700	ug/l	2800	ug/l	2900	ug/l
Strontium																
Sulfur																
Thallium	1 U	ug/l	0.5 U	ug/l	0.017 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	3 U	ug/l	2 U	ug/l	10 U	ug/l	10 U	ug/l	10 U	ug/l	10 U	ug/l	5 U	ug/l
Zinc	15000	ug/l	6200	ug/l	6400	ug/l	4700	ug/l	4300	ug/l	4800	ug/l	4600	ug/l	43	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM294			NM295			NM295			NM295			NM295			NM295			NM295			NM295		
Location Cross Ref.	NM294			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(11) URS/SWRI			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	49025			172024			172024			172024			172024			172024			172127			172127		
Sample Date	11/15/1998			05/16/1991			05/16/1991			05/16/1991			05/16/1991			05/16/1991			10/04/1991			10/04/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			6010			7131			7421			D6010			D7421			6010			7131		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l																					
Antimony	1	U	ug/l																					
Arsenic	1	U	ug/l																					
Barium	14	J	ug/l																					
Beryllium	1	U	ug/l																					
Cadmium	1	U	ug/l				0.004		mg/l				0.0038		mg/l							0.01		mg/l
Calcium	3600		ug/l																					
Chromium	5	U	ug/l																					
Cobalt	5	U	ug/l																					
Copper	5	U	ug/l																					
Cyanide																								
Iron	52	J	ug/l																					
Lead	1	UJ	ug/l							0.016		mg/l				0.003	UJ	mg/l						
Lithium																								
Magnesium	800		ug/l																					
Manganese	5	U	ug/l																					
Mercury	0.2	U	ug/l																					
Molybdenum																								
Nickel	5	U	ug/l																					
Potassium	900		ug/l																					
Selenium	1	U	ug/l																					
Silicon																								
Silver	5	U	ug/l																					
Sodium	2900		ug/l																					
Strontium																								
Sulfur																								
Thallium	1	UJ	ug/l																					
Titanium																								
Uranium																								
Vanadium	5	U	ug/l																					
Zinc	69		ug/l	1.3		mg/l							1.4		mg/l				2.8		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM295			NM295			NM295			NM295			NM295			NM295			NM295			NM295		
Location Cross Ref.	ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172127			172127			172127			173944			173944			173945			173945			173946		
Sample Date	10/04/1991			10/04/1991			10/04/1991			04/19/1994			04/19/1994			05/03/1994			05/03/1994			05/19/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7421			D6010			D7421			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.011		mg/l				26		ug/l	26		ug/l	18		ug/l	21		ug/l	12		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.019		mg/l				0.007		mg/l	22		ug/l	21		ug/l	22		ug/l	13		ug/l	24		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				3		mg/l				3900		ug/l	3700		ug/l	2600		ug/l	2700		ug/l	1600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM295		NM295		NM295		NM295		NM295		NM295		NM295		NM295	
Location Cross Ref.	ENM-30/ENM-3		ENM-30/ENM-3		ENM-30/ENM-3		ENM-30/ENM-3		ENM-30/ENM-3		ENM-30/ENM-3		ENM-30/ENM-3		ENM-30/ENM-3	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173946		173947		173947		173948		173948		173949		173949		173950	
Sample Date	05/19/1994		06/07/1994		06/07/1994		07/20/1994		07/20/1994		08/15/1994		08/15/1994		09/08/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	10	ug/l	14	ug/l	15	ug/l	15	ug/l	15	ug/l	18	ug/l	17	ug/l	16	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	13	ug/l	15	ug/l	12	ug/l	20	ug/l	11	ug/l	24	ug/l	16	ug/l	20	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1700	ug/l	2100	ug/l	2200	ug/l	2700	ug/l	2700	ug/l	3200	ug/l	3300	ug/l	3200	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM295		NM295		NM295		NM295		NM295		NM295		NM295		NM295	
Location Cross Ref.	ENM-30/ENM-3		ENM-30/ENM-3		ENM-30/ENM-3		ENM-30/ENM-3		ENM-30/ENM-3		ENM-30/ENM-3		ENM-30/ENM-3		ENM-30/ENM-3	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173950		173951		173951		173952		173952		173953		173953		173954	
Sample Date	09/08/1994		10/04/1994		10/04/1994		05/09/1995		05/09/1995		05/23/1995		05/23/1995		06/12/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	17	ug/l	17	ug/l	17	ug/l	13	ug/l	13	ug/l	10	ug/l	9.3	ug/l	8.5	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	14	ug/l	24	ug/l	15	ug/l	37	ug/l	13	ug/l	23	ug/l	11	ug/l	14	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	3300	ug/l	3900	ug/l	4000	ug/l	2700	ug/l	2400	ug/l	1600	ug/l	1600	ug/l	1800	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM295			NM295			NM295			NM295			NM295			NM295		
Location Cross Ref.	ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	173954			173955			173955			173956			173956			173957		
Sample Date	06/12/1995			06/27/1995			06/27/1995			07/11/1995			07/11/1995			07/25/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	8.7		ug/l	11		ug/l	13		ug/l	12		ug/l	12		ug/l	14		ug/l
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	10		ug/l	13		ug/l	10		ug/l	20		ug/l	13		ug/l	18		ug/l
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	1700		ug/l	2000		ug/l	2100		ug/l	2400		ug/l	2500		ug/l	2600		ug/l

Site Location	NM295			NM295			NM295			NM295			NM295			NM295		
Location Cross Ref.	ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	173957			173958														
Sample Date	07/25/1995			08/14/1995														
Sample Type	Environ. Sample			Environ. Sample														
Analytical Method	D6010			6010														
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**												
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	14		ug/l	17		ug/l												
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	13		ug/l	21		ug/l												
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	2700		ug/l	3400		ug/l												

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM295			NM295			NM295			NM295			NM295			NM295			NM295			NM295		
Location Cross Ref.	ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI			(3) URS/SWRI			(3) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173958			173959			173959			168496			168496			46394			46394			46395		
Sample Date	08/14/1995			09/13/1995			09/13/1995			11/12/1997			11/12/1997			05/15/1998			05/15/1998			05/15/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate		
Analytical Method	D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum										20	U	ug/l	62	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony										0.5	U	ug/l	0.27	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l
Arsenic										0.11		ug/l	0.16	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Barium										20		ug/l	57		ug/l	8.4		ug/l	8.9		ug/l	8.5		ug/l
Beryllium										1	U	ug/l	0.35	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	18		ug/l	20		ug/l	20		ug/l	18		ug/l	16		ug/l	6.5		ug/l	6.5		ug/l	6.4		ug/l
Calcium										8800		ug/l	8000		ug/l	2900		ug/l	3200		ug/l	2900		ug/l
Chromium										5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt										5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper										0.67		ug/l	0.58	J	ug/l	3	U	ug/l	3	U	ug/l	3	U	ug/l
Cyanide																								
Iron										10	U	ug/l	270		ug/l	20	U	ug/l	30	U	ug/l	20	U	ug/l
Lead	15		ug/l	20		ug/l	17		ug/l	14		ug/l	16		ug/l	7.6		ug/l	14		ug/l	7.5		ug/l
Lithium																								
Magnesium										1300		ug/l	1200		ug/l	450		ug/l	490		ug/l	450		ug/l
Manganese										32		ug/l	37		ug/l	46		ug/l	52		ug/l	46		ug/l
Mercury										0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	UJ	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel										2.8		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium										700	U	ug/l	770		ug/l	350		ug/l	440		ug/l	370		ug/l
Selenium										1	U	ug/l	0.21	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver										0.03	U	ug/l	0.22	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.3	U	ug/l
Sodium										2300		ug/l	2200		ug/l	1200		ug/l	1200		ug/l	1200		ug/l
Strontium																								
Sulfur																								
Thallium										0.5	U	ug/l	0.017	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium										3	U	ug/l	2	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	3500		ug/l	4000		ug/l	4100		ug/l	4300		ug/l	4300		ug/l	1400		ug/l	1600		ug/l	1400		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM295			NM295			NM295			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-30/ENM-3			ENM-30/ENM-3			ENM-30/ENM-3			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46395			49028			49028			172025			172025			172025			172025			172025		
Sample Date	05/15/1998			11/15/1998			11/15/1998			05/16/1991			05/16/1991			05/16/1991			05/16/1991			05/16/1991		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	91	J	ug/l															
Antimony	0.5	U	ug/l	1	U	ug/l	1	U	ug/l															
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l															
Barium	8.9		ug/l	34		ug/l	35		ug/l															
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l															
Cadmium	6.5		ug/l	60		ug/l	59		ug/l				0.0075		mg/l				0.0072		mg/l			
Calcium	3100		ug/l	14000		ug/l	14000		ug/l															
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Copper	3	U	ug/l	5	U	ug/l	5	U	ug/l															
Cyanide																								
Iron	33	U	ug/l	50	U	ug/l	140		ug/l															
Lead	12		ug/l	42		ug/l	74		ug/l							0.024		mg/l				0.004	J	mg/l
Lithium																								
Magnesium	480		ug/l	2000		ug/l	2100		ug/l															
Manganese	50		ug/l	530		ug/l	530		ug/l															
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l															
Molybdenum																								
Nickel	5	U	ug/l	7.5	J	ug/l	7.2	J	ug/l															
Potassium	380		ug/l	980		ug/l	1000		ug/l															
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l															
Silicon																								
Silver	0.3	U	ug/l	5	U	ug/l	5	U	ug/l															
Sodium	1200		ug/l	3100		ug/l	3100	J	ug/l															
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	1	U	ug/l	1	U	ug/l															
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Zinc	1500		ug/l	12000		ug/l	12000		ug/l	2.1		mg/l							2.2		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM296			NM296			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172128			172128			172128			172128			172128			173960			173960			173961		
Sample Date	10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			04/06/1994			04/06/1994			04/19/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.031		mg/l				0.032		mg/l				36		ug/l	35		ug/l	32		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.11		mg/l				0.044		mg/l	120		ug/l	100		ug/l	380		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	6.1		mg/l							6.5		mg/l				6500		ug/l	6700		ug/l	4600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM296			NM296			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173961			173962			173962			173963			173963			173964			173964			173965		
Sample Date	04/19/1994			05/03/1994			05/03/1994			05/19/1994			05/19/1994			06/07/1994			06/07/1994			06/23/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	32		ug/l	27		ug/l	28		ug/l	19		ug/l	20		ug/l	24		ug/l	26		ug/l	27		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	61		ug/l	78		ug/l	64		ug/l	63		ug/l	53		ug/l	88		ug/l	70		ug/l	94		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	4300		ug/l	3800		ug/l	4000		ug/l	2600		ug/l	2600		ug/l	3400		ug/l	3600		ug/l	4200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM296			NM296			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173965			173966			173966			173967			173967			173968			173968			173969		
Sample Date	06/23/1994			07/20/1994			07/20/1994			08/15/1994			08/15/1994			09/08/1994			09/08/1994			10/04/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	28		ug/l	33		ug/l	32		ug/l	38		ug/l	36		ug/l	38		ug/l	36		ug/l	38		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	85		ug/l	140		ug/l	110		ug/l	150		ug/l	120		ug/l	160		ug/l	130		ug/l	160		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	4300		ug/l	5000		ug/l	5100		ug/l	5900		ug/l	6000		ug/l	5800		ug/l	6000		ug/l	6700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM296			NM296			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173969			173970			173970			173971			173971			173972			173972			173973		
Sample Date	10/04/1994			11/15/1994			11/15/1994			12/13/1994			12/13/1994			02/09/1995			02/09/1995			03/22/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	37		ug/l	50		ug/l	54		ug/l	55		ug/l	57		ug/l	55		ug/l	58		ug/l	48		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	99		ug/l	190		ug/l	150		ug/l	190		ug/l	160		ug/l	140		ug/l	100		ug/l	120		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	6900		ug/l	9700		ug/l	9600		ug/l	11000		ug/l	12000		ug/l	11000		ug/l	11000		ug/l	9800		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM296			NM296			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173973			173974			173974			173975			173975			173976			173976			173977		
Sample Date	03/22/1995			04/13/1995			04/13/1995			04/25/1995			04/25/1995			05/09/1995			05/09/1995			05/23/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	51		ug/l	47		ug/l	46		ug/l	44		ug/l	44		ug/l	19		ug/l	18		ug/l	14		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	72		ug/l	100		ug/l	64		ug/l	77		ug/l	64		ug/l	82		ug/l	37		ug/l	46		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	9600		ug/l	8900		ug/l	9100		ug/l	9800		ug/l	9200		ug/l	3500		ug/l	3300		ug/l	2300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296		NM296		NM296		NM296		NM296		NM296		NM296		NM296		NM296	
Location Cross Ref.	ENM-20/ENM-2		ENM-20/ENM-2		ENM-20/ENM-2		ENM-20/ENM-2		ENM-20/ENM-2		ENM-20/ENM-2		ENM-20/ENM-2		ENM-20/ENM-2		ENM-20/ENM-2	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-		-	
Sample Number	173977		173978		173978		173979		173979		173980		173980		173981			
Sample Date	05/23/1995		06/12/1995		06/12/1995		06/27/1995		06/27/1995		07/11/1995		07/11/1995		07/25/1995			
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample			
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010			
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	14		ug/l	14		ug/l	13		ug/l	22		ug/l	18		ug/l	22		ug/l
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	30		ug/l	46		ug/l	34		ug/l	70		ug/l	48		ug/l	74		ug/l
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	2300		ug/l	2800		ug/l	2800		ug/l	3700		ug/l	3700		ug/l	4200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296		NM296		NM296		NM296		NM296		NM296		NM296		NM296	
Location Cross Ref.	ENM-20/ENM-2		ENM-20/ENM-2		ENM-20/ENM-2		ENM-20/ENM-2		ENM-20/ENM-2		ENM-20/ENM-2		ENM-20/ENM-2		ENM-20/ENM-2	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173981		173982		173982		173983		173983		173984		173984		173985	
Sample Date	07/25/1995		08/14/1995		08/14/1995		09/13/1995		09/13/1995		10/18/1995		10/18/1995		11/21/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	28	ug/l	29	ug/l	31	ug/l	38	ug/l	39	ug/l	45	ug/l	46	ug/l	28	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	59	ug/l	110	ug/l	79	ug/l	130	ug/l	100	ug/l	110	ug/l	84	ug/l	66	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	5100	ug/l	5600	ug/l	5600	ug/l	6500	ug/l	6700	ug/l	8000	ug/l	8400	ug/l	5200	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM296			NM296			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173985			173986			173986			173987			173987			173988			173988			173989		
Sample Date	11/21/1995			12/27/1995			12/27/1995			01/17/1996			01/17/1996			03/28/1996			03/28/1996			04/17/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	26		ug/l	38		ug/l	34		ug/l	40		ug/l	42		ug/l	27		ug/l	27		ug/l	29		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	50		ug/l	69		ug/l	55		ug/l	93		ug/l	72		ug/l	59		ug/l	50		ug/l	54		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	5200		ug/l	6100		ug/l	6200		ug/l	6900		ug/l	6700		ug/l	5100		ug/l	5300		ug/l	5100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM296			NM296			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173989			173990			173990			173991			173991			173992			173992			173993		
Sample Date	04/17/1996			05/08/1996			05/08/1996			06/19/1996			06/19/1996			07/24/1996			07/24/1996			08/21/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	29		ug/l	26		ug/l	25		ug/l	12		ug/l	12		ug/l	23		ug/l	24		ug/l	29		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	41		ug/l	50		ug/l	37		ug/l	33		ug/l	26		ug/l	70		ug/l	41		ug/l	92		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	5200		ug/l	4600		ug/l	4800		ug/l	1900		ug/l	2000		ug/l	3500		ug/l	3600		ug/l	4600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM296			NM296			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173993			173994			173994			186010			186010			186021			186021			186037		
Sample Date	08/21/1996			09/26/1996			09/26/1996			10/29/1996			10/29/1996			11/27/1996			11/27/1996			12/13/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	29		ug/l	33		ug/l	33		ug/l	0.033		mg/l	0.034		mg/l	0.042		mg/l	0.043		mg/l	0.041		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	60		ug/l	140		ug/l	84		ug/l	0.15		mg/l	0.087		mg/l	0.15		mg/l	0.084		mg/l	0.13		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	4700		ug/l	5600		ug/l	5600		ug/l	5.9		mg/l	6		mg/l	8.6		mg/l	8.9		mg/l	8.3		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM296			NM296			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186037			186054			186054			186071			186071			186091			186091			186111		
Sample Date	12/13/1996			01/30/1997			01/30/1997			02/19/1997			02/19/1997			03/26/1997			03/26/1997			04/16/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.044		mg/l	0.042		mg/l	0.041		mg/l	0.037		mg/l	0.038		mg/l	0.04		mg/l	0.039		mg/l	0.033		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.085		mg/l	0.094		mg/l	0.066		mg/l	0.075		mg/l	0.058		mg/l	0.084		mg/l	0.055		mg/l	0.074		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	8.5		mg/l	7.5		mg/l	7.6		mg/l	7.1		mg/l	7.3		mg/l	7.1		mg/l	7.2		mg/l	6.1		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM296			NM296			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186111			186131			186151			186151			186171			186171			186191			186191		
Sample Date	04/16/1997			05/15/1997			06/24/1997			06/24/1997			07/23/1997			07/23/1997			08/14/1997			08/14/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.033		mg/l	22		ug/l	0.0085		mg/l	0.008		mg/l	0.015		mg/l	0.015		mg/l	0.02		mg/l	0.021		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.046		mg/l	4300		ug/l	0.03		mg/l	0.02		mg/l	0.042		mg/l	0.032		mg/l	0.052		mg/l	0.045		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	6.1		mg/l	3700		ug/l	1.5		mg/l	1.5		mg/l	3		mg/l	3.1		mg/l	4.2		mg/l	4.3		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM296			NM296			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL			(2) URS/LAUCKS			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186211			186211			186231			186231			168497			168497			186251			186251		
Sample Date	09/04/1997			09/04/1997			10/16/1997			10/16/1997			11/12/1997			11/12/1997			11/26/1997			11/26/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum													32		ug/l	160	U	ug/l						
Antimony													0.5	U	ug/l	0.41	U	ug/l						
Arsenic													0.13		ug/l	0.1		ug/l						
Barium													23		ug/l	23		ug/l						
Beryllium													1	U	ug/l	0.35	U	ug/l						
Cadmium	0.025		mg/l	0.024		mg/l	0.035		mg/l	0.036		mg/l	41		ug/l	38		ug/l	0.034		mg/l	0.034		mg/l
Calcium													11000		ug/l	10000		ug/l						
Chromium													5	U	ug/l	6	U	ug/l						
Cobalt													5	U	ug/l	5	U	ug/l						
Copper													5.3		ug/l	7		ug/l						
Cyanide																								
Iron													10	U	ug/l	15	U	ug/l						
Lead	0.048		mg/l	0.047		mg/l	0.071		mg/l	0.068		mg/l	68		ug/l	81		ug/l	0.063		mg/l	0.062		mg/l
Lithium																								
Magnesium													1500		ug/l	1400		ug/l						
Manganese													52		ug/l	51		ug/l						
Mercury													0.2	U	ug/l	0.1	U	ug/l						
Molybdenum																								
Nickel													3.5		ug/l	5	U	ug/l						
Potassium													700	U	ug/l	700	J	ug/l						
Selenium													1	U	ug/l	0.21	U	ug/l						
Silicon																								
Silver													0.03	U	ug/l	0.22	U	ug/l						
Sodium													2500		ug/l	2400		ug/l						
Strontium																								
Sulfur																								
Thallium													0.5	U	ug/l	0.017	U	ug/l						
Titanium																								
Uranium																								
Vanadium													3	U	ug/l	2	U	ug/l						
Zinc	4.9		mg/l	5		mg/l	6.3		mg/l	6.4		mg/l	8200		ug/l	8100		ug/l	6.8		mg/l	7.1		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM296			NM296			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186270			186270			186289			186289			186308			186308			186327			186327		
Sample Date	12/17/1997			12/17/1997			01/21/1998			01/21/1998			02/25/1998			02/25/1998			03/20/1998			03/20/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.036		mg/l	0.036		mg/l	0.039		mg/l	0.039		mg/l	0.033		mg/l	0.032		mg/l	0.032		mg/l	0.032		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.07		mg/l	0.06		mg/l	0.056		mg/l	0.04		mg/l	0.066		mg/l	0.056		mg/l	0.1		mg/l	0.058		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	6.9		mg/l	7.2		mg/l	6.7		mg/l	7		mg/l	6.5		mg/l	6.5		mg/l	5.4		mg/l	5.5		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM296			NM296			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(3) URS/SOUND			(3) URS/SOUND			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186346			186346			202223			202223			46393			46393			202238			202238		
Sample Date	04/23/1998			04/23/1998			05/07/1998			05/07/1998			05/16/1998			05/16/1998			05/28/1998			05/28/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			IN-CLP-LOW			DIN-CLP-LOW			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum													0.056	J	mg/l									
Antimony													0.0007	U	mg/l	0.0004	U	mg/l						
Arsenic													0.0002	U	mg/l	0.0003	J	mg/l						
Barium													0.009	J	mg/l	0.0088	J	mg/l						
Beryllium													0.0001	U	mg/l	0.0001	U	mg/l						
Cadmium	0.024		mg/l	0.024		mg/l	8.7		ug/l	7.8		ug/l	0.01	J	mg/l	0.012	J	mg/l	11		ug/l	12		ug/l
Calcium													3.3	J	mg/l	3.4	J	mg/l						
Chromium													0.0004	U	mg/l	0.0004	U	mg/l						
Cobalt													0.0003	U	mg/l	0.0003	U	mg/l						
Copper													0.0027		mg/l	0.014	J	mg/l						
Cyanide																								
Iron													0.046	J	mg/l									
Lead	0.22		mg/l	0.045		mg/l	59		ug/l	17		ug/l	0.027		mg/l	0.021		mg/l	50		ug/l	23		ug/l
Lithium																								
Magnesium													0.52	J	mg/l	0.55	J	mg/l						
Manganese																								
Mercury													0.0002	U	mg/l	0.0002	UJ	mg/l						
Molybdenum																								
Nickel													0.0011	J	mg/l	0.0026	J	mg/l						
Potassium													1.6	U	mg/l	1.6	U	mg/l						
Selenium													0.0013	U	mg/l	0.0013	U	mg/l						
Silicon																								
Silver																0.0005	UJ	mg/l						
Sodium													1.3	J	mg/l	1.3	J	mg/l						
Strontium																								
Sulfur																								
Thallium													0.0001	U	mg/l	0.0005	U	mg/l						
Titanium																								
Uranium																								
Vanadium													0.0002	U	mg/l	0.0001	U	mg/l						
Zinc	5.1		mg/l	5.1		mg/l	1600		ug/l	1600		ug/l							2200		ug/l	2300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM296			NM296			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202268			202268			202269			202269			202290			202290			202310			202310		
Sample Date	06/26/1998			06/26/1998			06/26/1998			06/26/1998			07/28/1998			07/28/1998			08/26/1998			08/26/1998		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	19		ug/l	19		ug/l	19		ug/l	20		ug/l	27		ug/l	27		ug/l	32		ug/l	30		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	44		ug/l	32		ug/l	41		ug/l	30		ug/l	80		ug/l	35		ug/l	68		ug/l	54		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3400		ug/l	3500		ug/l	3500		ug/l	3500		ug/l	4700		ug/l	4700		ug/l	5600		ug/l	5700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM296			NM296			NM296			NM296			NM296			NM296			NM296		
Location Cross Ref.	ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2			ENM-20/ENM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(11) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202372			202372			202395			202395			202422			202422			202441			49149		
Sample Date	09/24/1998			09/24/1998			10/08/1998			10/08/1998			10/26/1998			10/26/1998			11/25/1998			12/06/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																						50	U	ug/l
Antimony																						1	U	ug/l
Arsenic																						1	U	ug/l
Barium																						34		ug/l
Beryllium																						1	U	ug/l
Cadmium	29		ug/l	29		ug/l	34		ug/l	36		ug/l	38		ug/l	39		ug/l	72		ug/l	92		ug/l
Calcium																						16000		ug/l
Chromium																						5	U	ug/l
Cobalt																						5	U	ug/l
Copper																						10		ug/l
Cyanide																								
Iron																						50	U	ug/l
Lead	62		ug/l	53		ug/l	67		ug/l	64		ug/l	64		ug/l	51		ug/l	230		ug/l	90		ug/l
Lithium																								
Magnesium																						2200		ug/l
Manganese																						290		ug/l
Mercury																						0.2	U	ug/l
Molybdenum																								
Nickel																						7.1	J	ug/l
Potassium																						970		ug/l
Selenium																						1	U	ug/l
Silicon																								
Silver																						5	U	ug/l
Sodium																						4500		ug/l
Strontium																								
Sulfur																								
Thallium																						1	U	ug/l
Titanium																								
Uranium																								
Vanadium																						5	U	ug/l
Zinc	5800		ug/l	5800		ug/l	6300		ug/l	6900		ug/l	7000		ug/l	7200		ug/l	13000		ug/l	17000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM296			NM297			NM297			NM297			NM297			NM297			NM297			NM297		
Location Cross Ref.	ENM-20/ENM-2			ENM-15			ENM-15			ENM-15			ENM-15			ENM-15			ENM-15			ENM-15		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(11) URS/SWRI			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	49149			172129			172129			172129			172129			172129			168498			168498		
Sample Date	12/06/1998			10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			11/12/1997			11/12/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			6010			7131			7421			D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	490		ug/l																27		ug/l	120	U	ug/l
Antimony	1	U	ug/l																0.5	U	ug/l	0.52	U	ug/l
Arsenic	1	U	ug/l																0.11		ug/l	0.12		ug/l
Barium	34		ug/l																27		ug/l	27		ug/l
Beryllium	1	U	ug/l																1	U	ug/l	0.35	U	ug/l
Cadmium	91		ug/l				0.033		mg/l				0.033		mg/l				43		ug/l	40		ug/l
Calcium	16000		ug/l																11000		ug/l	11000		ug/l
Chromium	5	U	ug/l																5	U	ug/l	6	U	ug/l
Cobalt	5	U	ug/l																5	U	ug/l	5	U	ug/l
Copper	19		ug/l																4.7		ug/l	4.9		ug/l
Cyanide																								
Iron	78	J	ug/l																10	U	ug/l	29	U	ug/l
Lead	160		ug/l							0.18		mg/l				0.074		mg/l	120		ug/l	130		ug/l
Lithium																								
Magnesium	2300		ug/l																1500		ug/l	1500		ug/l
Manganese	290		ug/l																42		ug/l	42		ug/l
Mercury	0.2	U	ug/l																0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel	7.8	J	ug/l																3.5		ug/l	5	U	ug/l
Potassium	950		ug/l																700	U	ug/l	800		ug/l
Selenium	1.3	J	ug/l																1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver	5	U	ug/l																0.03	U	ug/l	0.22	U	ug/l
Sodium	4300		ug/l																2500		ug/l	2400		ug/l
Strontium																								
Sulfur																								
Thallium	1	U	ug/l																0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l																3	U	ug/l	2	U	ug/l
Zinc	17000		ug/l	6.1		mg/l							6.7		mg/l				8300		ug/l	8200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM297			NM297			NM297			NM297			NM298			NM298			NM298			NM298		
Location Cross Ref.	ENM-15			ENM-15			ENM-15			ENM-15			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(3) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46392			46392			49150			49150			173995			173995			173996			173996		
Sample Date	05/15/1998			05/15/1998			12/06/1998			12/06/1998			10/27/1993			10/27/1993			12/02/1993			12/02/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	55		ug/l	50	U	ug/l	330		ug/l												
Antimony	0.5	U	ug/l	0.5	U	ug/l	1	U	ug/l	1	U	ug/l												
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l												
Barium	9.9		ug/l	11		ug/l	38		ug/l	38		ug/l												
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l												
Cadmium	11		ug/l	11		ug/l	89		ug/l	88		ug/l	31		ug/l	33		ug/l	30		ug/l	32		ug/l
Calcium	3300		ug/l	3600		ug/l	16000		ug/l	16000		ug/l												
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l												
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l												
Copper	3	U	ug/l	3.6		ug/l	8		ug/l	13		ug/l												
Cyanide																								
Iron	20	U	ug/l	48	U	ug/l	50	U	ug/l	64	J	ug/l												
Lead	32		ug/l	46		ug/l	140		ug/l	240		ug/l	270		ug/l	100		ug/l	110		ug/l	92		ug/l
Lithium																								
Magnesium	490		ug/l	530		ug/l	2100		ug/l	2200		ug/l												
Manganese	42		ug/l	47		ug/l	230		ug/l	230		ug/l												
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l												
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	7.6	J	ug/l	7.2	J	ug/l												
Potassium	430		ug/l	370		ug/l	940		ug/l	960		ug/l												
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l												
Silicon																								
Silver	0.3	U	ug/l	0.3	U	ug/l	5	U	ug/l	5	U	ug/l												
Sodium	1300		ug/l	1400		ug/l	4200		ug/l	4300		ug/l												
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	0.1	U	ug/l	1	U	ug/l	1	U	ug/l												
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l												
Zinc	2100		ug/l	2300		ug/l	16000		ug/l	17000		ug/l	5600		ug/l	5700		ug/l	6400		ug/l	6300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM298			NM298			NM298			NM298			NM298			NM298			NM298			NM298		
Location Cross Ref.	NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173997			173997			173998			173998			173999			173999			174000			174000		
Sample Date	12/16/1993			12/16/1993			01/24/1994			01/24/1994			02/18/1994			02/18/1994			03/08/1994			03/08/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	43		ug/l	47		ug/l	38		ug/l	38		ug/l	51		ug/l	50		ug/l	48		ug/l	44		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	280		ug/l	160		ug/l	290		ug/l	200		ug/l	220		ug/l	170		ug/l	360		ug/l	150		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	7400		ug/l	7500		ug/l	8600		ug/l	8800		ug/l	7700		ug/l	8100		ug/l	7400		ug/l	7200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM298			NM298			NM298			NM298			NM298			NM298			NM298			NM298		
Location Cross Ref.	NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174001			174001			174002			174002			174003			174003			174004			174004		
Sample Date	03/24/1994			03/24/1994			04/07/1994			04/07/1994			04/18/1994			04/18/1994			05/04/1994			05/04/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	48		ug/l	50		ug/l	39		ug/l	39		ug/l	32		ug/l	32		ug/l	28		ug/l	30		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	250		ug/l	170		ug/l	160		ug/l	130		ug/l	500		ug/l	83		ug/l	100		ug/l	89		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	7900		ug/l	8000		ug/l	6900		ug/l	7000		ug/l	4700		ug/l	4700		ug/l	3900		ug/l	4100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM298		NM298		NM298		NM298		NM298		NM298		NM298		NM298		NM298	
Location Cross Ref.	NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-		-	
Sample Number	174005		174005		174006		174006		174007		174007		174008		174008		174008	
Sample Date	05/19/1994		05/19/1994		06/07/1994		06/07/1994		06/23/1994		06/23/1994		07/20/1994		07/20/1994		07/20/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	19	ug/l	23	ug/l	27	ug/l	28	ug/l	29	ug/l	30	ug/l	36	ug/l	35	ug/l		
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	70	ug/l	78	ug/l	110	ug/l	100	ug/l	130	ug/l	110	ug/l	170	ug/l	120	ug/l		
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	2700	ug/l	2800	ug/l	3800	ug/l	3900	ug/l	4400	ug/l	4500	ug/l	5200	ug/l	5300	ug/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM298			NM298			NM298			NM298			NM298			NM298			NM298			NM298		
Location Cross Ref.	NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174009			174009			174010			174010			174011			174011			174012			174012		
Sample Date	08/15/1994			08/15/1994			09/08/1994			09/08/1994			10/04/1994			10/04/1994			11/15/1994			11/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	42		ug/l	42		ug/l	40		ug/l	41		ug/l	46		ug/l	46		ug/l	92		ug/l	90		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	160		ug/l	130		ug/l	150		ug/l	140		ug/l	240		ug/l	180		ug/l	4000		ug/l	380		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	5900		ug/l	6000		ug/l	6100		ug/l	6200		ug/l	7700		ug/l	7900		ug/l	11000		ug/l	11000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM298			NM298			NM298			NM298			NM298			NM298			NM298			NM298		
Location Cross Ref.	NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174013			174013			174014			174014			174015			174015			174016			174016		
Sample Date	12/13/1994			12/13/1994			01/10/1995			01/10/1995			02/09/1995			02/09/1995			03/07/1995			03/07/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	78		ug/l	85		ug/l	60		ug/l	67		ug/l	58		ug/l	54		ug/l	48		ug/l	50		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	350		ug/l	330		ug/l	380		ug/l	170		ug/l	230		ug/l	200		ug/l	210		ug/l	150		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	12000		ug/l	12000		ug/l	9200		ug/l	9700		ug/l	10000		ug/l	11000		ug/l	8500		ug/l	8600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM298		NM298		NM298		NM298		NM298		NM298		NM298		NM298		NM298	
Location Cross Ref.	NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-		-	
Sample Number	174017		174017		174018		174018		174019		174019		174020		174020		174020	
Sample Date	03/22/1995		03/22/1995		04/13/1995		04/13/1995		04/25/1995		04/25/1995		05/09/1995		05/09/1995		05/09/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	54	ug/l	54	ug/l	48	ug/l	48	ug/l	46	ug/l	46	ug/l	20	ug/l	20	ug/l		
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	180	ug/l	110	ug/l	190	ug/l	160	ug/l	160	ug/l	120	ug/l	180	ug/l	100	ug/l		
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	9800	ug/l	9100	ug/l	9400	ug/l	9200	ug/l	9700	ug/l	9000	ug/l	3800	ug/l	3400	ug/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM298			NM298			NM298			NM298			NM298			NM298			NM298			NM298		
Location Cross Ref.	NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174021			174021			174022			174022			174023			174023			174024			174024		
Sample Date	05/23/1995			05/23/1995			06/12/1995			06/12/1995			06/27/1995			06/27/1995			07/11/1995			07/11/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	15		ug/l	15		ug/l	16		ug/l	17		ug/l	26		ug/l	26		ug/l	26		ug/l	23		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	110		ug/l	78		ug/l	100		ug/l	90		ug/l	130		ug/l	110		ug/l	180		ug/l	160		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2300		ug/l	2400		ug/l	2800		ug/l	2900		ug/l	3700		ug/l	3800		ug/l	4400		ug/l	4500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM298			NM298			NM298			NM298			NM298			NM298			NM298			NM298		
Location Cross Ref.	NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174025			174025			174026			174026			174027			174027			168499			168499		
Sample Date	07/25/1995			07/25/1995			08/14/1995			08/14/1995			09/13/1995			09/13/1995			11/12/1997			11/12/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																			24		ug/l	67	U	ug/l
Antimony																			0.5	U	ug/l	0.6	U	ug/l
Arsenic																			0.11		ug/l	0.18		ug/l
Barium																			29		ug/l	28		ug/l
Beryllium																			1	U	ug/l	0.35	U	ug/l
Cadmium	32		ug/l	33		ug/l	37		ug/l	37		ug/l	46		ug/l	47		ug/l	45		ug/l	41		ug/l
Calcium																			11000		ug/l	10000		ug/l
Chromium																			5	U	ug/l	6	U	ug/l
Cobalt																			5	U	ug/l	5	U	ug/l
Copper																			3.7		ug/l	4.6		ug/l
Cyanide																								
Iron																			10	U	ug/l	35	U	ug/l
Lead	340		ug/l	220		ug/l	270		ug/l	220		ug/l	270		ug/l	220		ug/l	120		ug/l	140		ug/l
Lithium																								
Magnesium																			1500		ug/l	1400		ug/l
Manganese																			47		ug/l	45		ug/l
Mercury																			0.2	U	ug/l	0.15	J	ug/l
Molybdenum																								
Nickel																			3.5		ug/l	5	U	ug/l
Potassium																			700	U	ug/l	770		ug/l
Selenium																			1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver																			0.03	U	ug/l	0.22	U	ug/l
Sodium																			2500		ug/l	2400		ug/l
Strontium																								
Sulfur																								
Thallium																			0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium																			3	U	ug/l	2	U	ug/l
Zinc	5500		ug/l	5500		ug/l	5800		ug/l	6100		ug/l	6600		ug/l	7200		ug/l	8500		ug/l	8500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM298		NM298		NM298		NM298		NM298		NM298		NM298		NM298			
Location Cross Ref.	NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1		NM298/ENM-1			
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream			
(Ref) Source/Lab	(2) URS/MEL		(2) URS/LAUCKS		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(18) USGS/OTHER		(18) USGS/OTHER			
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water			
Depth Range in Ft.	-		-		-		-		-		-		-		-			
Sample Number	168524		168524		46387		46387		202387		202387		186888		186888			
Sample Date	11/12/1997		11/12/1997		05/14/1998		05/14/1998		10/01/1998		10/01/1998		10/27/1998		10/27/1998			
Sample Type	Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample			
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		6010		D6010		6010		D6010			
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**		
Aluminum	22	ug/l	91 U	ug/l	61	ug/l	50 U	ug/l										
Antimony	0.5 U	ug/l	0.52 U	ug/l	0.2 U	ug/l	0.2 U	ug/l										
Arsenic	0.12	ug/l	0.11	ug/l	2 U	ug/l	2 U	ug/l										
Barium	30	ug/l	28	ug/l	9	ug/l	10	ug/l										
Beryllium	1 U	ug/l	0.35 U	ug/l	0.2 U	ug/l	0.2 U	ug/l										
Cadmium	48	ug/l	43	ug/l	11	ug/l	11	ug/l	32	ug/l	34	ug/l	42	ug/l	40	ug/l		
Calcium	11000	ug/l	10000	ug/l	3100	ug/l	3100	ug/l							10000	ug/l		
Chromium	5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l										
Cobalt	5 U	ug/l	5 U	ug/l	10 U	ug/l	10 U	ug/l										
Copper	3.8	ug/l	4.4	ug/l	2	ug/l	2	ug/l										
Cyanide																		
Iron	10 U	ug/l	19 U	ug/l	37	ug/l	20 U	ug/l										
Lead	110	ug/l	130	ug/l	48	ug/l	37	ug/l	74	ug/l	59	ug/l	110	ug/l	93	ug/l		
Lithium																		
Magnesium	1600	ug/l	1400	ug/l	490	ug/l	490	ug/l							1400	ug/l		
Manganese	47	ug/l	45	ug/l	42	ug/l	40	ug/l										
Mercury	0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l										
Molybdenum																		
Nickel	3.3	ug/l	5 U	ug/l	20 U	ug/l	20 U	ug/l										
Potassium	700 UJ	ug/l	800	ug/l	2000 U	ug/l	2000 U	ug/l										
Selenium	1 U	ug/l	0.21 U	ug/l	2 U	ug/l	2 U	ug/l										
Silicon																		
Silver	0.03 U	ug/l	0.22 U	ug/l	0.2 U	ug/l	0.2 U	ug/l										
Sodium	2600	ug/l	2400	ug/l	1300	ug/l	1300	ug/l										
Strontium																		
Sulfur																		
Thallium	0.5 U	ug/l	0.017 U	ug/l	0.2 U	ug/l	0.2 U	ug/l										
Titanium																		
Uranium																		
Vanadium	3 U	ug/l	2 U	ug/l	10 U	ug/l	10 U	ug/l										
Zinc	8700	ug/l	8400	ug/l	2100	ug/l	2100	ug/l	6000	ug/l	6000	ug/l	7300	ug/l	7200	ug/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM298			NM298			NM298			NM298			NM298			NM298			NM298			NM298		
Location Cross Ref.	NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186889			186889			186890			186890			202477			202477			186891			186891		
Sample Date	11/19/1998			11/19/1998			12/10/1998			12/10/1998			01/15/1999			01/15/1999			01/21/1999			01/21/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				67		ug/l	80		ug/l	83		ug/l	52		ug/l	51		ug/l	49		ug/l	52		ug/l
Calcium				14000		ug/l				13000		ug/l										10000		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	150		ug/l	110		ug/l	200		ug/l	140		ug/l	140		ug/l	110		ug/l	140		ug/l	110		ug/l
Lithium																								
Magnesium				1900		ug/l				1800		ug/l										1400		ug/l
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	12000		ug/l	13000		ug/l	15000		ug/l	14000		ug/l	9500		ug/l	9600		ug/l	9500		ug/l	9300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM298			NM298			NM298			NM298			NM298			NM298			NM298			NM298		
Location Cross Ref.	NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202498			202498			202517			202517			186892			186892			186893			186893		
Sample Date	02/23/1999			02/23/1999			03/08/1999			03/08/1999			03/22/1999			03/22/1999			04/20/1999			04/20/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	50		ug/l	50		ug/l	47		ug/l	46		ug/l	43		ug/l	44		ug/l	39		ug/l	38		ug/l
Calcium																8600		ug/l				6900		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	130		ug/l	110		ug/l	110		ug/l	110		ug/l	220		ug/l	85		ug/l	400		ug/l	59		ug/l
Lithium																								
Magnesium																1.3		ug/l				1000		ug/l
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	8500		ug/l	8700		ug/l	8500		ug/l	8600		ug/l	6800		ug/l	7000		ug/l	6200		ug/l	6200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM298	NM298	NM298	NM298	NM298	NM298	NM298	NM298
Location Cross Ref.	NM298/ENM-1	NM298/ENM-1	NM298/ENM-1	NM298/ENM-1	NM298/ENM-1	NM298/ENM-1	NM298/ENM-1	NM298/ENM-1
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	186894	186894	186895	186895	186895	186895	186896	186896
Sample Date	05/05/1999	05/05/1999	05/23/1999	05/23/1999	05/23/1999	05/23/1999	06/15/1999	06/15/1999
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	D6010	6010	D6010	6010	D6010	6010	D6010

Analyte	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit
Aluminum																					
Antimony																					
Arsenic																					
Barium																					
Beryllium																					
Cadmium	27		ug/l	27		ug/l	12		ug/l	9.9		ug/l							6		ug/l	5.7		ug/l
Calcium				5500		ug/l							3.3		mg/l							2600		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron													1.2	U	mg/l	10		ug/l						
Lead	85		ug/l	46		ug/l	450		ug/l	33		ug/l							93		ug/l	31		ug/l
Lithium																								
Magnesium				860		ug/l							0.55		mg/l							400		ug/l
Manganese													0.11		mg/l	32		ug/l						
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium				1800		ug/l							1.5		mg/l							1200		ug/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	4500		ug/l	4500		ug/l	1900		ug/l	1600		ug/l							850		ug/l	870		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM298			NM298			NM298			NM298			NM298			NM298			NM298			NM298		
Location Cross Ref.	NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1			NM298/ENM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202152			202152			202152			202153			202153			202153			202154			202154		
Sample Date	07/07/1999			07/07/1999			07/07/1999			08/04/1999			08/04/1999			08/04/1999			09/01/1999			09/01/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			D6010			6010			D6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				11		ug/l	11		ug/l				21		ug/l	20		ug/l				29		ug/l
Calcium	3.8		mg/l							6.2		mg/l							7.2		mg/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				50		ug/l	37		ug/l				83		ug/l	59		ug/l				96		ug/l
Lithium																								
Magnesium	0.57		mg/l							0.87		mg/l							1		mg/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium	1.5		mg/l							1.9		mg/l							2.1		mg/l			
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				1800		ug/l	1700		ug/l				2900		ug/l	3000		ug/l				5100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM298			NM359			NM359			NM360			NM360			NM360			NM360			NM361		
Location Cross Ref.	NM298/ENM-1			AD359			AD359			AD360			AD360			AD360			AD360			AD361		
Location Type	River/Stream			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(18) USGS/OTHER			(3) URS/SOUND			(3) URS/SOUND			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND			(8) EPAREG10/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202154			46470			46470			168544			168544			46376			46376			173210		
Sample Date	09/01/1999			05/17/1998			05/17/1998			11/13/1997			11/13/1997			05/13/1998			05/13/1998			04/04/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.053	J	mg/l	0.0042	J	mg/l	20	U	ug/l	43	U	ug/l	0.69	U	ug/l	1000		ug/l			
Antimony				0.0003	U	mg/l	0.0003	U	mg/l	0.5	U	ug/l	0.34	U	ug/l	0.26	J	ug/l	0.29	J	ug/l	5	U	ug/l
Arsenic				0.0013	U	mg/l	0.0013	J	mg/l	0.2		ug/l	0.16	U	ug/l	0.23	U	ug/l	0.79	J	ug/l	5	U	ug/l
Barium				0.018	J	mg/l	0.017	J	mg/l	50		ug/l	51		ug/l	58	J	ug/l	63	J	ug/l			
Beryllium				0.0002	J	mg/l	0.0001	U	mg/l	1	U	ug/l	0.35	U	ug/l	0.11	U	ug/l	0.16	J	ug/l			
Cadmium	28		ug/l	0.38	J	mg/l	0.38	J	mg/l	0.056		ug/l	0.12	J	ug/l	0.041	U	ug/l	0.12	J	ug/l	14		ug/l
Calcium				85	J	mg/l	84	J	mg/l	34000		ug/l	35000		ug/l	26000		ug/l	26000		ug/l			
Chromium				0.0004	U	mg/l	0.0004	U	mg/l	5	U	ug/l	6	U	ug/l	0.4	U	ug/l	0.48	J	ug/l	5	U	ug/l
Cobalt				0.0098	J	mg/l	0.01	J	mg/l	5	U	ug/l	5	U	ug/l	0.054	J	ug/l	0.28	J	ug/l			
Copper				0.028		mg/l	0.026		mg/l	0.22		ug/l	0.06	U	ug/l	0.44	U	ug/l	1.3	J	ug/l	5	U	ug/l
Cyanide																								
Iron										56		ug/l	71	J	ug/l	150		ug/l	780		ug/l			
Lead	74		ug/l	0.031		mg/l	0.007		mg/l	0.14		ug/l	0.28	J	ug/l	0.11	U	ug/l	6.8		ug/l	150		ug/l
Lithium																								
Magnesium				5.2		mg/l	5.1		mg/l	6600		ug/l	6400		ug/l	5300		ug/l	5400		ug/l			
Manganese										10		ug/l	15		ug/l	19		ug/l	34		ug/l	34		ug/l
Mercury				0.0002	U	mg/l	0.0002	UJ	mg/l	0.2	U	ug/l	0.1	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel				0.019	J	mg/l	0.02	J	mg/l	0.85		ug/l	5	U	ug/l	0.41	J	ug/l	0.9	J	ug/l			
Potassium				2	J	mg/l	1.6	J	mg/l	860		ug/l	800		ug/l	1600	U	ug/l	1600	U	ug/l			
Selenium				0.0013	U	mg/l	0.0015	J	mg/l	1	U	ug/l	0.21	U	ug/l	1.3	U	ug/l	1.3	U	ug/l			
Silicon																								
Silver										0.03	U	ug/l	0.22	U	ug/l	0.042	U	ug/l	0.043	J	ug/l	1	U	ug/l
Sodium				5.4		mg/l	5.3		mg/l	3100		ug/l	3000		ug/l	2500	J	ug/l	2500	J	ug/l			
Strontium																								
Sulfur																								
Thallium				0.0001	U	mg/l	0.0001	U	mg/l	0.5	U	ug/l	0.017	U	ug/l	0.058	U	ug/l	0.058	U	ug/l			
Titanium																								
Uranium																								
Vanadium				0.0001	U	mg/l	0.0002	U	mg/l	3	U	ug/l	2	U	ug/l	0.2	U	ug/l	1.4	J	ug/l			
Zinc	4800		ug/l							25		ug/l	55		ug/l	8.1	J	ug/l	48		ug/l	3000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM361		NM361		NM361		NM361		NM362		NM362		NM362		NM362	
Location Cross Ref.	AD361		AD361		AD361		AD361		IC-1		IC-1		IC-1		IC-1	
Location Type	Adit		Adit		Adit		Adit		Spring/Seep		Spring/Seep		Spring/Seep		Spring/Seep	
(Ref) Source/Lab	(2) URS/MEL		(2) URS/LAUCKS		(3) URS/SOUND		(3) URS/SOUND		(4) MFG/OTHER		(4) MFG/OTHER		(4) MFG/OTHER		(4) MFG/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	168545		168545		46374		46374		172021		172021		172021		172021	
Sample Date	11/14/1997		11/14/1997		05/13/1998		05/13/1998		05/15/1991		05/15/1991		05/15/1991		05/15/1991	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010		7131		7421		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	21	ug/l	69 U	ug/l	4.3 J	ug/l	25 J	ug/l								
Antimony	0.5 U	ug/l	0.39 U	ug/l	0.032 U	ug/l	0.032 U	ug/l								
Arsenic	1.7	ug/l	1.9 J	ug/l	1.9 J	ug/l	2.3 J	ug/l								
Barium	12	ug/l	13 J	ug/l	15 J	ug/l	16 J	ug/l								
Beryllium	1 U	ug/l	0.35 U	ug/l	0.11 U	ug/l	0.11 U	ug/l								
Cadmium	6.2	ug/l	5.6	ug/l	12	ug/l	13	ug/l			0.0002 U	mg/l			0.0002 U	mg/l
Calcium	20000	ug/l	20000	ug/l	15000	ug/l	16000	ug/l								
Chromium	5 U	ug/l	6 U	ug/l	0.4 U	ug/l	0.4 U	ug/l								
Cobalt	5 U	ug/l	5 U	ug/l	0.41 J	ug/l	0.44 J	ug/l								
Copper	0.86	ug/l	1.6 J	ug/l	1.5 J	ug/l	2.2 J	ug/l								
Cyanide																
Iron	10 U	ug/l	88 J	ug/l	74 J	ug/l	110	ug/l								
Lead	45	ug/l	92	ug/l	110	ug/l	150	ug/l					0.003 U	mg/l		
Lithium																
Magnesium	4300	ug/l	4100	ug/l	3300 J	ug/l	3600 J	ug/l								
Manganese	18	ug/l	22	ug/l	23	ug/l	26	ug/l								
Mercury	0.2 U	ug/l	0.1 U	ug/l	0.16 U	ug/l	0.16 U	ug/l								
Molybdenum																
Nickel	1.6	ug/l	5 U	ug/l	1.5 J	ug/l	1.7 J	ug/l								
Potassium	1100	ug/l	890	ug/l	1600 U	ug/l	1600 U	ug/l								
Selenium	1 U	ug/l	0.21 U	ug/l	1.3 U	ug/l	1.3 U	ug/l								
Silicon																
Silver	0.03 U	ug/l	0.22 U	ug/l	0.042 U	ug/l	0.042 U	ug/l								
Sodium	4500	ug/l	4400	ug/l	3700 J	ug/l	3900 J	ug/l								
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.017 U	ug/l	0.058 U	ug/l	0.058 U	ug/l								
Titanium																
Uranium																
Vanadium	3 U	ug/l	2 U	ug/l	0.22 U	ug/l	0.25 J	ug/l								
Zinc	1400	ug/l	1400 J	ug/l	2600	ug/l	2800	ug/l	0.02 U	mg/l					0.02 U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM362			NM362			NM362			NM362			NM362			NM362			NM362			NM362		
Location Cross Ref.	IC-1			IC-1			IC-1			IC-1			IC-1			IC-1			IC-1			IC-1		
Location Type	Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep		
(Ref) Source/Lab	(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172021			172124			172124			172124			172124			172124			168546			168546		
Sample Date	05/15/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			11/14/1997			11/14/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D7421			6010			7131			7421			D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																			20	U	ug/l	26	U	ug/l
Antimony																			0.5	U	ug/l	0.15	U	ug/l
Arsenic																			0.35		ug/l	0.26	J	ug/l
Barium																			1.8		ug/l	3	U	ug/l
Beryllium																			1	U	ug/l	0.35	U	ug/l
Cadmium							0.0007		mg/l				0.0003		mg/l				1.1		ug/l	0.87		ug/l
Calcium																			5200		ug/l	5100		ug/l
Chromium																			5	U	ug/l	6	U	ug/l
Cobalt																			5	U	ug/l	5	U	ug/l
Copper																			0.23		ug/l	0.43	U	ug/l
Cyanide																								
Iron																			10	U	ug/l	12	U	ug/l
Lead	0.003	UJ	mg/l							0.001		mg/l				0.0001	U	mg/l	1		ug/l	1.9		ug/l
Lithium																								
Magnesium																			780		ug/l	750		ug/l
Manganese																			1	U	ug/l	1	U	ug/l
Mercury																			0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel																			0.6		ug/l	5	U	ug/l
Potassium																			700	U	ug/l	480	J	ug/l
Selenium																			1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver																			0.03	U	ug/l	0.22	U	ug/l
Sodium																			2000		ug/l	1900		ug/l
Strontium																								
Sulfur																								
Thallium																			0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium																			3	U	ug/l	2	U	ug/l
Zinc				0.17		mg/l							0.073		mg/l				260		ug/l	260	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM362			NM362			NM363			NM363			NM363			NM363			NM364			NM364		
Location Cross Ref.	IC-1			IC-1			AD363			AD363			AD363			AD363			AD364			AD364		
Location Type	Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Adit			Adit		
(Ref) Source/Lab	(3) URS/SOUND			(3) URS/SOUND			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46375			46375			168547			168547			46397			46397			168548			168548		
Sample Date	05/13/1998			05/13/1998			11/14/1997			11/14/1997			05/16/1998			05/16/1998			11/14/1997			11/14/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	9	J	ug/l	3.7	J	ug/l	5100		ug/l	7200		ug/l							20	U	ug/l	26	U	ug/l
Antimony	0.032	U	ug/l	0.032	U	ug/l	1	U	ug/l	9.4		ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.66		ug/l	0.41	U	ug/l
Arsenic	0.25	J	ug/l	0.23	U	ug/l	4.6		ug/l	11		ug/l	0.0081	J	mg/l	0.008	J	mg/l	1		ug/l	0.96	J	ug/l
Barium	1.3	J	ug/l	1.3	J	ug/l	5	U	ug/l	23		ug/l	0.0092	J	mg/l	0.0086	J	mg/l	3.8		ug/l	4.5	U	ug/l
Beryllium	0.11	U	ug/l	0.11	U	ug/l	5	U	ug/l	1.9		ug/l	0.0024	J	mg/l	0.0024	J	mg/l	1	U	ug/l	0.35	U	ug/l
Cadmium	0.44	J	ug/l	0.41	J	ug/l	1700		ug/l	1500		ug/l	1.8	J	mg/l	1.8	J	mg/l	0.36		ug/l	0.41		ug/l
Calcium	2200	J	ug/l	2300	J	ug/l	110000		ug/l	110000		ug/l	84	J	mg/l	83	J	mg/l	21000		ug/l	20000		ug/l
Chromium	0.4	U	ug/l	0.4	U	ug/l	25	U	ug/l	6	U	ug/l	0.0004	U	mg/l	0.0004	U	mg/l	5	U	ug/l	6	U	ug/l
Cobalt	0.023	U	ug/l	0.023	U	ug/l	180		ug/l	180		ug/l	0.082		mg/l	0.083		mg/l	5	U	ug/l	5	U	ug/l
Copper	0.44	U	ug/l	0.44	U	ug/l	140		ug/l	210		ug/l	0.34		mg/l	0.35		mg/l	0.41		ug/l	0.89	U	ug/l
Cyanide																								
Iron	20	J	ug/l	14	J	ug/l	3000		ug/l	17000		ug/l							10	U	ug/l	47	U	ug/l
Lead	2	J	ug/l	1.1	J	ug/l	810		ug/l	1700		ug/l	0.27		mg/l	0.27		mg/l	1.1		ug/l	13		ug/l
Lithium																								
Magnesium	380	J	ug/l	440	J	ug/l	16000		ug/l	15000		ug/l	12		mg/l	12		mg/l	2400		ug/l	2200		ug/l
Manganese	1	J	ug/l	0.4	J	ug/l	28000		ug/l	27000		ug/l							1	U	ug/l	7.7	J	ug/l
Mercury	0.16	U	ug/l	0.16	U	ug/l	0.2	U	ug/l	0.35	U	ug/l	0.0002	U	mg/l	0.0002	UJ	mg/l	0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel	0.23	U	ug/l	2	J	ug/l	290		ug/l	310		ug/l	0.24		mg/l	0.24		mg/l	0.63		ug/l	5	J	ug/l
Potassium	1600	U	ug/l	1600	U	ug/l	3500	U	ug/l	5100		ug/l	4.4	J	mg/l	4.5	J	mg/l	700	U	ug/l	480	J	ug/l
Selenium	1.3	U	ug/l	1.3	U	ug/l	16		ug/l	2.7	J	ug/l	0.014		mg/l	0.013	J	mg/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver	0.042	U	ug/l	0.042	U	ug/l	0.27		ug/l	3		ug/l	0.0002	U	mg/l	0.0002	UJ	mg/l	0.03	U	ug/l	0.22	U	ug/l
Sodium	1600	J	ug/l	1600	J	ug/l	2800		ug/l	2800		ug/l	2.4	J	mg/l	2.3	J	mg/l	3800		ug/l	3500		ug/l
Strontium																								
Sulfur																								
Thallium	0.058	U	ug/l	0.058	U	ug/l	1	U	ug/l	0.16	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium	0.18	U	ug/l	0.17	J	ug/l	15	U	ug/l	2	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	3	U	ug/l	2	U	ug/l
Zinc	120		ug/l	120		ug/l	500000		ug/l	430000	J	ug/l							55		ug/l	94	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM364			NM364			NM366			NM366			NM366			NM366			NM368			NM368		
Location Cross Ref.	AD364			AD364			AD366			AD366			AD366			AD366			AD368			AD368		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Spring/Seep			Spring/Seep		
(Ref) Source/Lab	(3) URS/SOUND			(3) URS/SOUND			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46399			46399			168550			168550			46396			46396			168552			168552		
Sample Date	05/16/1998			05/16/1998			11/14/1997			11/14/1997			05/16/1998			05/16/1998			11/15/1997			11/15/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.025	J	mg/l	0.0063	J	mg/l	23		ug/l	40	U	ug/l	0.018	J	mg/l	0.0007	J	mg/l	30		ug/l	26	U	ug/l
Antimony	0.0008	U	mg/l	0.0006	U	mg/l	0.83		ug/l	0.91	U	ug/l	0.0008	U	mg/l	0.0005	U	mg/l	0.5	U	ug/l	0.38	U	ug/l
Arsenic	0.0011	J	mg/l	0.0008	J	mg/l	0.26		ug/l	0.15	J	ug/l	0.0002	U	mg/l	0.0004	J	mg/l	0.47		ug/l	0.28	J	ug/l
Barium	0.0046	J	mg/l	0.0041	J	mg/l	28		ug/l	33		ug/l	0.015	J	mg/l	0.015	J	mg/l	37		ug/l	39		ug/l
Beryllium	0.0001	U	mg/l	0.0001	U	mg/l	1	U	ug/l	0.35	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	1	U	ug/l	0.35	U	ug/l
Cadmium	0.0006	J	mg/l	0.0012	J	mg/l	0.82		ug/l	1.5		ug/l	0.0003	J	mg/l	0.0003	J	mg/l	15		ug/l	13		ug/l
Calcium	21	J	mg/l	21	J	mg/l	18000		ug/l	18000		ug/l	5.4	J	mg/l	5.6	J	mg/l	66000		ug/l	64000		ug/l
Chromium	0.0004	U	mg/l	0.0004	U	mg/l	5	U	ug/l	6	U	ug/l	0.0004	U	mg/l	0.0004	U	mg/l	5	U	ug/l	6	U	ug/l
Cobalt	0.0001	U	mg/l	0.0001	U	mg/l	5	U	ug/l	5	U	ug/l	0.0001	U	mg/l				5	U	ug/l	5	U	ug/l
Copper	0.001	J	mg/l	0.0005	J	mg/l	0.55		ug/l	2.3	J	ug/l	0.0004	U	mg/l	0.0004	U	mg/l	1.2		ug/l	2	J	ug/l
Cyanide																								
Iron	0.2		mg/l	0.15	J	mg/l	10	U	ug/l	95	J	ug/l	0.075	J	mg/l	0.05	J	mg/l	940		ug/l	2300		ug/l
Lead	0.014		mg/l	0.001	J	mg/l	1.5		ug/l	36		ug/l	0.017		mg/l	0.0008	J	mg/l	1.8		ug/l	21		ug/l
Lithium																								
Magnesium	2.7	J	mg/l	2.7	J	mg/l	1500		ug/l	1400		ug/l	0.46	J	mg/l	0.5	J	mg/l	8900		ug/l	8400		ug/l
Manganese	0.0071	J	mg/l	0.0099	J	mg/l	28		ug/l	270		ug/l	0.01	J	mg/l	0.0039	J	mg/l	1100		ug/l	1100		ug/l
Mercury	0.0002	U	mg/l	0.0002	UJ	mg/l	0.2	U	ug/l	0.1	U	ug/l	0.0002	U	mg/l	0.0002	UJ	mg/l	0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel	0.0006	J	mg/l	0.0008	J	mg/l	1.5		ug/l	5	U	ug/l	0.0004	J	mg/l	0.0002	J	mg/l	16		ug/l	13	J	ug/l
Potassium	1.6	U	mg/l	1.6	U	mg/l	700	U	ug/l	620	J	ug/l	1.6	U	mg/l	1.6	U	mg/l	8900		ug/l	8000		ug/l
Selenium	0.0013	U	mg/l	0.0013	U	mg/l	1	U	ug/l	0.21	U	ug/l	0.0013	U	mg/l	0.0013	U	mg/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver							0.03	U	ug/l	0.22	U	ug/l							0.03	U	ug/l	0.22	U	ug/l
Sodium	3.6	J	mg/l	3.3	J	mg/l	1500		ug/l	1400		ug/l	0.97	J	mg/l	1	J	mg/l	3800		ug/l	3700		ug/l
Strontium																								
Sulfur																								
Thallium	0.0001	U	mg/l	0.0001	U	mg/l	0.5	U	ug/l	0.017	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	0.5	U	ug/l	0.23	U	ug/l
Titanium																								
Uranium																								
Vanadium	0.0003	U	mg/l	0.0001	U	mg/l	3	U	ug/l	2	U	ug/l	0.00011	U	mg/l	0.11	U	mg/l	3	U	ug/l	2	U	ug/l
Zinc	0.13		mg/l	0.31	J	mg/l	310		ug/l	360	J	ug/l	0.098		mg/l	0.12	J	mg/l	8300		ug/l	8500	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM368			NM368			NM374			NM374			NM411			NM411			NM412			NM412		
Location Cross Ref.	AD368			AD368			AD374			AD374														
Location Type	Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46373			46373			46472			46472			49026			49026			49027			49027		
Sample Date	05/13/1998			05/13/1998			05/17/1998			05/17/1998			11/15/1998			11/15/1998			11/15/1998			11/15/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	11	J	ug/l	41	J	ug/l	4200	J	ug/l	5500	J	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	77	J	ug/l
Antimony	0.032	U	ug/l	0.032	U	ug/l	0.52	U	ug/l	0.45	U	ug/l	1	J	ug/l	1.1	J	ug/l	1	U	ug/l	1	U	ug/l
Arsenic	0.34	J	ug/l	0.42	J	ug/l	0.77	J	ug/l	0.96	J	ug/l	1	U	ug/l	1	J	ug/l	1	U	ug/l	1	U	ug/l
Barium	18	J	ug/l	17	J	ug/l	49	J	ug/l	46	J	ug/l	45		ug/l	46		ug/l	34		ug/l	35		ug/l
Beryllium	0.11	U	ug/l	0.11	U	ug/l	0.38	J	ug/l	0.39	J	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	17		ug/l	16		ug/l	160	J	ug/l	160	J	ug/l	23		ug/l	23		ug/l	60		ug/l	60		ug/l
Calcium	7600		ug/l	7700		ug/l	14000		ug/l	13000		ug/l	70000		ug/l	70000		ug/l	14000		ug/l	14000		ug/l
Chromium	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	0.2	J	ug/l	0.19	U	ug/l	2.7	J	ug/l	2.8	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	3.3	J	ug/l	3.5	J	ug/l	51	J	ug/l	51	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cyanide																								
Iron	42	J	ug/l	94	J	ug/l	300	J	ug/l	310	J	ug/l	1000		ug/l	2600		ug/l	50	U	ug/l	140		ug/l
Lead	99		ug/l	110		ug/l				1300	J	ug/l	1	U	ug/l	16		ug/l	40		ug/l	76		ug/l
Lithium																								
Magnesium	1600	J	ug/l	1700	J	ug/l	2100	J	ug/l	2000	J	ug/l	9700		ug/l	9700		ug/l	2100		ug/l	2100		ug/l
Manganese	7.7	J	ug/l	8.6	J	ug/l	210	J	ug/l	220	J	ug/l	1000		ug/l	1000		ug/l	550		ug/l	540		ug/l
Mercury	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	3.4	J	ug/l	3.2	J	ug/l	6.7	J	ug/l	6.6	J	ug/l	15	J	ug/l	15	J	ug/l	7.5	J	ug/l	7.3	J	ug/l
Potassium	1600	U	ug/l	1600	U	ug/l	1900	J	ug/l	1600	U	ug/l	8200		ug/l	8100		ug/l	1000		ug/l	990		ug/l
Selenium	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.1	J	ug/l	1	J	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver	0.042	U	ug/l	0.042	U	ug/l	0.28	UJ	ug/l	0.35	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	2500	J	ug/l	2500	J	ug/l	2800	J	ug/l	2800	J	ug/l	4400		ug/l	4300	J	ug/l	3200		ug/l	3100	J	ug/l
Strontium																								
Sulfur																								
Thallium	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Titanium																								
Uranium																								
Vanadium	0.11	J	ug/l	0.14	J	ug/l	0.49	U	ug/l	0.46	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	3300		ug/l	2900		ug/l							10000		ug/l	10000		ug/l	12000		ug/l	12000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM422			NM422			NM422			NM422			NM422			NM422			NM422			NM422		
Location Cross Ref.	REX #1			REX #1			REX #1			REX #1			REX #1			REX #1			REX #1			REX #1		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	16 - 16			16 - 16			16 - 16			16 - 16			16 - 16			16 - 16			16 - 16			16 - 16		
Sample Number	49030			49030			49030			49030			49030			49030			49030			49030		
Sample Date	12/01/1998			12/01/1998			12/01/1998			12/01/1998			12/01/1998			12/01/1998			12/01/1998			12/01/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				50	U	ug/l										240		ug/l						
Antimony							1	U	ug/l										1.8	J	ug/l			
Arsenic							1	U	ug/l										1	U	ug/l			
Barium				31		ug/l										32		ug/l						
Beryllium				1	U	ug/l										1	U	ug/l						
Cadmium				5.3		ug/l										5.1		ug/l						
Calcium				7700		ug/l										7700		ug/l						
Chromium				5	U	ug/l										5	U	ug/l						
Cobalt				5	U	ug/l										5	U	ug/l						
Copper				5	U	ug/l										5	U	ug/l						
Cyanide																								
Iron				50	U	ug/l										220		ug/l						
Lead							1	U	ug/l										1.6	J	ug/l			
Lithium																								
Magnesium				1700		ug/l										1700		ug/l						
Manganese				61		ug/l										61		ug/l						
Mercury	0.2	U	ug/l										0.2	U	ug/l									
Molybdenum																								
Nickel				5	U	ug/l										5	U	ug/l						
Potassium										1600		ug/l										1700		ug/l
Selenium							1	U	ug/l										1	U	ug/l			
Silicon																								
Silver				5	U	ug/l										5	U	ug/l						
Sodium										3800		ug/l										3700		ug/l
Strontium																								
Sulfur																								
Thallium							1	U	ug/l										1	U	ug/l			
Titanium																								
Uranium																								
Vanadium				5	U	ug/l										5	U	ug/l						
Zinc				770		ug/l										820		ug/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM422		NM422		NM435		NM435		NM435		NM435		NM435		NM435	
Location Cross Ref.	REX #1		REX #1													
Location Type	Monitoring Well		Monitoring Well		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(23) URS/SWRI		(23) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/SWRI		(11) URS/SWRI	
Matrix Type	Groundwater		Groundwater		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	16 - 16		16 - 16		-		-		-		-		-		-	
Sample Number	61439		61439		49029		49029		49064		49064		48905		48905	
Sample Date	12/01/1999		12/01/1999		11/15/1998		11/15/1998		11/17/1998		11/17/1998		12/06/1998		12/06/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	360	ug/l	360	ug/l	50 U	ug/l	76 J	ug/l	200	ug/l	68 U	ug/l	50 U	ug/l		
Antimony	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l	0.63 U	ug/l	0.34 U	ug/l	1 U	ug/l		
Arsenic	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.23 J	ug/l	0.2 U	ug/l	1 U	ug/l		
Barium	41	ug/l	41	ug/l	35	ug/l	36	ug/l	36	ug/l	33	ug/l	30	ug/l		
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.28 U	ug/l	0.28 U	ug/l	1 U	ug/l		
Cadmium	7.8	ug/l	6.5	ug/l	58	ug/l	57	ug/l	63	ug/l	61	ug/l	46	ug/l		
Calcium	7300	ug/l	7300	ug/l	14000	ug/l	14000	ug/l	14000	ug/l	12000	ug/l	12000	ug/l		
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	0.16 J	ug/l	0.058 U	ug/l	5 U	ug/l		
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	3.5 J	ug/l	3.2 J	ug/l	5 U	ug/l		
Copper	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	2.8 U	ug/l	0.65 U	ug/l	5 U	ug/l		
Cyanide																
Iron	160	ug/l	210	ug/l	50 U	ug/l	120	ug/l	240	ug/l	6.9 U	ug/l	50 U	ug/l		
Lead	2 J	ug/l	2.8	ug/l	40	ug/l	72	ug/l	130	ug/l	38	ug/l	29	ug/l		
Lithium																
Magnesium	1300	ug/l	1300	ug/l	2100	ug/l	2100	ug/l	1900	ug/l	1700	ug/l	1800	ug/l		
Manganese	11	ug/l	55	ug/l	490	ug/l	490	ug/l	610	ug/l	550	ug/l	270	ug/l		
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	5 U	ug/l	7.5 J	ug/l	7.2 J	ug/l	5.7 U	ug/l	5.7 U	ug/l	5.6 J	ug/l		
Potassium	1200	ug/l	1400	ug/l	1000	ug/l	1000	ug/l	1100	ug/l	1100	ug/l	940	ug/l		
Selenium	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	1 U	ug/l		
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l		
Sodium	4100	ug/l	4500	ug/l	3200	ug/l	3300 J	ug/l	2500 J	ug/l	2300 J	ug/l	3400	ug/l		
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.5 U	ug/l	1 U	ug/l	1 U	ug/l	1.6 J	ug/l	0.03 U	ug/l	1 U	ug/l		
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	3.3 U	ug/l	3.2 U	ug/l	5 U	ug/l		
Zinc	1200	ug/l	1100	ug/l	11000	ug/l	12000	ug/l	12000	ug/l	11000	ug/l	9500	ug/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM435		NM435		NM435		NM436		NM436		NM436		NM436		NM436	
Location Cross Ref.							SUCCESS		SUCCESS		SUCCESS		SUCCESS		SUCCESS	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	48905		48905		48905		48904		48904		48904		48904		48904	
Sample Date	12/06/1998		12/06/1998		12/06/1998		12/06/1998		12/06/1998		12/06/1998		12/06/1998		12/06/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	50 U	ug/l					50 U	ug/l			120	ug/l				
Antimony			1 U	ug/l			1 U	ug/l					1 U	ug/l		
Arsenic			1 U	ug/l			1 U	ug/l					1 U	ug/l		
Barium	30	ug/l					31	ug/l			31	ug/l				
Beryllium	1 U	ug/l					1 U	ug/l			1 U	ug/l				
Cadmium	46	ug/l					49	ug/l			50	ug/l				
Calcium	12000	ug/l					13000	ug/l			14000	ug/l				
Chromium	5 U	ug/l					5 U	ug/l			5 U	ug/l				
Cobalt	5 U	ug/l					5 U	ug/l			5 U	ug/l				
Copper	5 U	ug/l					5 U	ug/l			5 U	ug/l				
Cyanide																
Iron	50 U	ug/l					50 U	ug/l			180	ug/l				
Lead			29	ug/l			26	ug/l					81	ug/l		
Lithium																
Magnesium	1800	ug/l					1800	ug/l			1900	ug/l				
Manganese	270	ug/l					240	ug/l			240	ug/l				
Mercury							0.2 U	ug/l	0.2 U	ug/l						
Molybdenum																
Nickel	6 J	ug/l					6.3 J	ug/l			5.7 J	ug/l				
Potassium					910	ug/l	930	ug/l							960	ug/l
Selenium			1 U	ug/l			1 U	ug/l					1 U	ug/l		
Silicon																
Silver	5 U	ug/l					5 U	ug/l			5 U	ug/l				
Sodium					3200	ug/l	3500	ug/l							3700	ug/l
Strontium																
Sulfur																
Thallium			1 U	ug/l			1 U	ug/l					1 U	ug/l		
Titanium																
Uranium																
Vanadium	5 U	ug/l					5 U	ug/l			5 U	ug/l				
Zinc	9700	ug/l					9800	ug/l								

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM437			NM437			NM437			NM437			NM437			NM438			NM438			NM438		
Location Cross Ref.	SUCCESS			SUCCESS			SUCCESS			SUCCESS			SUCCESS			SUCCESS			SUCCESS			SUCCESS		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	48903			48903			48903			48903			48903			48902			48902			48902		
Sample Date	12/06/1998			12/06/1998			12/06/1998			12/06/1998			12/06/1998			12/06/1998			12/06/1998			12/06/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l				50	U	ug/l							50	U	ug/l				52	J	ug/l
Antimony	1	U	ug/l							1	U	ug/l				1	U	ug/l						
Arsenic	1	U	ug/l							1	U	ug/l				1	U	ug/l						
Barium	31		ug/l				31		ug/l							31		ug/l				31		ug/l
Beryllium	1	U	ug/l				1	U	ug/l							1	U	ug/l				1	U	ug/l
Cadmium	49		ug/l				49		ug/l							56		ug/l				55		ug/l
Calcium	13000		ug/l				14000		ug/l							14000		ug/l				14000		ug/l
Chromium	5	U	ug/l				5	U	ug/l							5	U	ug/l				5	U	ug/l
Cobalt	5	U	ug/l				5	U	ug/l							5	U	ug/l				5	U	ug/l
Copper	5	U	ug/l				5	U	ug/l							5	U	ug/l				5	U	ug/l
Cyanide																								
Iron	50	U	ug/l				50	U	ug/l							50	U	ug/l				50	U	ug/l
Lead	27		ug/l							37		ug/l				44		ug/l						
Lithium																								
Magnesium	1800		ug/l				1900		ug/l							1900		ug/l				1900		ug/l
Manganese	220		ug/l				230		ug/l							230		ug/l				230		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l										0.2	U	ug/l	0.2	U	ug/l			
Molybdenum																								
Nickel	5.5	J	ug/l				5.3	J	ug/l							5.5	J	ug/l				5	U	ug/l
Potassium	920		ug/l										930		ug/l	940		ug/l						
Selenium	1	U	ug/l							1	U	ug/l				1	U	ug/l						
Silicon																								
Silver	5	U	ug/l				5	U	ug/l							5	U	ug/l				5	U	ug/l
Sodium	3400		ug/l										3500		ug/l	3600		ug/l						
Strontium																								
Sulfur																								
Thallium	1	U	ug/l							1	U	ug/l				1	U	ug/l						
Titanium																								
Uranium																								
Vanadium	5	U	ug/l				5	U	ug/l							5	U	ug/l				5	U	ug/l
Zinc	9700		ug/l													11000		ug/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM438			NM438			NM439			NM439			NM439			NM439			NM439			NM440		
Location Cross Ref.	SUCCESS			SUCCESS			AT END OF SUCCESS			AT END OF SUCCESS			AT END OF SUCCESS			AT END OF SUCCESS			AT END OF SUCCESS			DOWNSTREAM OF S		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	48902			48902			48901			48901			48901			48901			48901			49131		
Sample Date	12/06/1998			12/06/1998			12/06/1998			12/06/1998			12/06/1998			12/06/1998			12/06/1998			12/06/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							50	U	ug/l				450		ug/l							50	U	ug/l
Antimony	1	U	ug/l				1	U	ug/l							1.3	J	ug/l				1	U	ug/l
Arsenic	1	U	ug/l				1	U	ug/l							1	U	ug/l				1	U	ug/l
Barium							32		ug/l				32		ug/l							34		ug/l
Beryllium							1	U	ug/l				1	U	ug/l							1	U	ug/l
Cadmium							90		ug/l				91		ug/l							92		ug/l
Calcium							16000		ug/l				16000		ug/l							16000		ug/l
Chromium							5	U	ug/l				5	U	ug/l							5	U	ug/l
Cobalt							5	U	ug/l				5	U	ug/l							5	U	ug/l
Copper							12		ug/l				15		ug/l							11		ug/l
Cyanide																								
Iron							50	U	ug/l				50	U	ug/l							50	U	ug/l
Lead	54		ug/l				76		ug/l							120		ug/l				88		ug/l
Lithium																								
Magnesium							2200		ug/l				2200		ug/l							2200		ug/l
Manganese							310		ug/l				310		ug/l							290		ug/l
Mercury							0.2	U	ug/l	0.2	U	ug/l										0.2	U	ug/l
Molybdenum																								
Nickel							7.3	J	ug/l				7.3	J	ug/l							7.4	J	ug/l
Potassium				920		ug/l	940		ug/l										950		ug/l	970		ug/l
Selenium	1	U	ug/l				1.1	J	ug/l							1.3	J	ug/l				1	U	ug/l
Silicon																								
Silver							5	U	ug/l				5	U	ug/l							5	U	ug/l
Sodium				3600		ug/l	4000		ug/l										4100		ug/l	4500		ug/l
Strontium																								
Sulfur																								
Thallium	1	U	ug/l				1	U	ug/l							1	U	ug/l				1	U	ug/l
Titanium																								
Uranium																								
Vanadium							5	U	ug/l				5	U	ug/l							5	U	ug/l
Zinc							17000		ug/l													17000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM440		NM440		NM440		NM444		NM444		NM444		NM444		NM444	
Location Cross Ref.	DOWNSTREAM OF S		DOWNSTREAM OF S		DOWNSTREAM OF S		REX #2/16701		REX #2/16701		REX #2/16701		REX #2/16701		REX #2/16701	
Location Type	River/Stream		River/Stream		River/Stream		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI	
Matrix Type	Surface Water		Surface Water		Surface Water		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	-		-		-		78 - 78		78 - 78		78 - 78		78 - 78		78 - 78	
Sample Number	49131		49132		49132		49065		49065		49065		49065		49065	
Sample Date	12/06/1998		12/06/1998		12/06/1998		12/01/1998		12/01/1998		12/01/1998		12/01/1998		12/01/1998	
Sample Type	Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	540	ug/l	50 U	ug/l	470	ug/l	50 U	ug/l			840	ug/l				
Antimony	1 U	ug/l	1 U	ug/l	1 U	ug/l	2.1 J	ug/l					2 J	ug/l		
Arsenic	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l					1 U	ug/l		
Barium	34	ug/l	34	ug/l	34	ug/l	82	ug/l			89	ug/l				
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l			1 U	ug/l				
Cadmium	92	ug/l	94	ug/l	92	ug/l	6.8	ug/l			6.7	ug/l				
Calcium	16000	ug/l	16000	ug/l	17000	ug/l	220000	ug/l								
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l			5 U	ug/l				
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	16	ug/l			13	ug/l				
Copper	24	ug/l	11	ug/l	17	ug/l	5 U	ug/l			5 U	ug/l				
Cyanide																
Iron	110	ug/l	50 U	ug/l	50 U	ug/l	410	ug/l			1400	ug/l				
Lead	240	ug/l	90	ug/l	150	ug/l	2	ug/l					21	ug/l		
Lithium																
Magnesium	2200	ug/l	2200	ug/l	2300	ug/l	11000	ug/l			11000	ug/l				
Manganese	300	ug/l	300	ug/l	300	ug/l	3000	ug/l			2700	ug/l				
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l						
Molybdenum																
Nickel	7.1 J	ug/l	7.4 J	ug/l	7.2 J	ug/l	17 J	ug/l			19 J	ug/l				
Potassium	1000	ug/l	930	ug/l	960	ug/l	34000	ug/l							37000	ug/l
Selenium	1.2 J	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l					1 U	ug/l		
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l			5 U	ug/l				
Sodium	4600	ug/l	4000	ug/l	4300	ug/l	2400	ug/l							2400	ug/l
Strontium																
Sulfur																
Thallium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l					1 U	ug/l		
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l			5 U	ug/l				
Zinc	18000	ug/l	17000	ug/l			4400	ug/l			4600	ug/l				

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg02

Site Location	NM444			NM444		
Location Cross Ref.	REX #2/16701			REX #2/16701		
Location Type	Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(23) URS/SWRI			(23) URS/SWRI		
Matrix Type	Groundwater			Groundwater		
Depth Range in Ft.	78 - 78			78 - 78		
Sample Number	61441			61441		
Sample Date	12/01/1999			12/01/1999		
Sample Type	Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	810		ug/l
Antimony	2	U	ug/l	2	U	ug/l
Arsenic	1	U	ug/l	1	U	ug/l
Barium	22		ug/l	30		ug/l
Beryllium	1	U	ug/l	1	U	ug/l
Cadmium	9.7		ug/l	7.3		ug/l
Calcium	180000		ug/l	210000		ug/l
Chromium	5	U	ug/l	15		ug/l
Cobalt	5	U	ug/l	5	U	ug/l
Copper	5	U	ug/l	5	U	ug/l
Cyanide						
Iron	69	J	ug/l	1300		ug/l
Lead	0.54	J	ug/l	31		ug/l
Lithium						
Magnesium	6900		ug/l	7500		ug/l
Manganese	780		ug/l	260		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l
Molybdenum						
Nickel	22		ug/l	18	J	ug/l
Potassium	34000		ug/l	41000		ug/l
Selenium	2	U	ug/l	2	U	ug/l
Silicon						
Silver	5	U	ug/l	5	U	ug/l
Sodium	2400		ug/l	2000		ug/l
Strontium						
Sulfur						
Thallium	0.5	U	ug/l	0.5	U	ug/l
Titanium						
Uranium						
Vanadium	5	U	ug/l	5	U	ug/l
Zinc	3600		ug/l	2500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg03

Site Location	NM299	NM299	NM299	NM299	NM299	NM299	NM299	NM299
Location Cross Ref.	NM-40	NM-40	NM-40	NM-40	NM-40	NM-40	NM-40	NM-40
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172026	172026	172026	172026	172026	172131	172131	172131
Sample Date	05/16/1991	05/16/1991	05/16/1991	05/16/1991	05/16/1991	10/04/1991	10/04/1991	10/04/1991
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	7131	7421	D6010	D7421	6010	7131	7421
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium		0.0004 mg/l		0.0003 mg/l			0.0003 mg/l	
Calcium								
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead			0.003 U mg/l		0.003 UJ mg/l			0.004 mg/l
Lithium								
Magnesium								
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc	0.064 mg/l			0.02 U mg/l		0.073 mg/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg03

Site Location	NM299		NM299		NM299		NM299		NM299		NM299	
Location Cross Ref.	NM-40		NM-40		NM-40		NM-40		NM-40		NM-40	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(5) MFG/OTHER		(5) MFG/OTHER		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/COLUMBWA		(3) URS/COLUMBWA	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-	
Sample Number	172131		172131		168500		168500		46386		46386	
Sample Date	10/04/1991		10/04/1991		11/11/1997		11/11/1997		05/14/1998		05/14/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D7421		DIN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum					20 U	ug/l	26 U	ug/l	50 U	ug/l	50 U	ug/l
Antimony					0.5 U	ug/l	0.26 U	ug/l	0.2	ug/l	0.2 U	ug/l
Arsenic					0.1 U	ug/l	0.31	ug/l	2 U	ug/l	2 U	ug/l
Barium					58	ug/l	56	ug/l	49	ug/l	47	ug/l
Beryllium					1 U	ug/l	0.35 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Cadmium	0.0002	mg/l			0.04 U	ug/l	0.069 U	ug/l	0.4	ug/l	0.2 U	ug/l
Calcium					34000	ug/l	31000	ug/l	30000	ug/l	29000	ug/l
Chromium					5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt					5 U	ug/l	5 U	ug/l	10 U	ug/l	10 U	ug/l
Copper					0.5 U	ug/l	0.31 U	ug/l	2 U	ug/l	2 U	ug/l
Cyanide												
Iron					150	ug/l	160	ug/l	81	ug/l	49	ug/l
Lead			0.0001 U	mg/l	0.1 U	ug/l	0.38 J	ug/l	0.9	ug/l	0.2 U	ug/l
Lithium												
Magnesium					13000	ug/l	12000	ug/l	12000	ug/l	11000	ug/l
Manganese					39	ug/l	35	ug/l	11	ug/l	10	ug/l
Mercury					0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum												
Nickel					0.3 U	ug/l	5 U	ug/l	20 U	ug/l	20 U	ug/l
Potassium					700 UJ	ug/l	840	ug/l	2000 U	ug/l	2000 U	ug/l
Selenium					1 U	ug/l	0.45	ug/l	2 U	ug/l	2 U	ug/l
Silicon												
Silver					0.03 U	ug/l	0.22 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Sodium					1700	ug/l	1700	ug/l	1500	ug/l	1500	ug/l
Strontium												
Sulfur												
Thallium					0.5 U	ug/l	0.017 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Titanium												
Uranium												
Vanadium					3 U	ug/l	2.1 U	ug/l	10 U	ug/l	10 U	ug/l
Zinc	0.012 U	mg/l			4.9	ug/l	16 U	ug/l	13	ug/l	30	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM13			NM13			NM13			NM13			NM13			NM300			NM300			NM300		
Location Cross Ref.	NM-16			NM-16			NM-16			NM-16			NM-16			NM300			NM300			NM300		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172134			172134			172134			172134			172134			168501			168501			46385		
Sample Date	10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			11/11/1997			11/11/1997			05/14/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																20	U	ug/l	26	U	ug/l	270		ug/l
Antimony																0.5	U	ug/l	0.43	U	ug/l	0.3		ug/l
Arsenic																0.27		ug/l	0.37		ug/l	2	U	ug/l
Barium																61		ug/l	58		ug/l	50		ug/l
Beryllium																1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l
Cadmium				0.024		mg/l				0.024		mg/l				0.46		ug/l	0.5		ug/l	0.3		ug/l
Calcium																35000		ug/l	32000		ug/l	29000		ug/l
Chromium																5	U	ug/l	6	U	ug/l	5	U	ug/l
Cobalt																5	U	ug/l	5	U	ug/l	10	U	ug/l
Copper																0.5	U	ug/l	0.2	U	ug/l	2	U	ug/l
Cyanide																								
Iron																100		ug/l	140		ug/l	530		ug/l
Lead							0.069		mg/l				0.031		mg/l	4		ug/l	5		ug/l	36		ug/l
Lithium																								
Magnesium																13000		ug/l	12000		ug/l	12000		ug/l
Manganese																76		ug/l	73		ug/l	52		ug/l
Mercury																0.2	U	ug/l	0.11	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																0.79		ug/l	5	U	ug/l	20	U	ug/l
Potassium																700	UJ	ug/l	830		ug/l	2000	U	ug/l
Selenium																1	U	ug/l	0.21	U	ug/l	2	U	ug/l
Silicon																								
Silver																0.03	U	ug/l	0.22	U	ug/l	0.2	U	ug/l
Sodium																1800		ug/l	1700		ug/l	1500		ug/l
Strontium																								
Sulfur																								
Thallium																0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium																3	U	ug/l	2.4	U	ug/l	10	U	ug/l
Zinc	4.5		mg/l							4.7		mg/l				77		ug/l	83	J	ug/l	65		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM300			NM300			NM300			NM300			NM300			NM301			NM301			NM301		
Location Cross Ref.	NM300			NM300			NM300			NM300			NM300			NM-30			NM-30			NM-30		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46385			186886			186886			186886			186886			172027			172027			172027		
Sample Date	05/14/1998			05/23/1999			05/23/1999			05/23/1999			05/23/1999			05/16/1991			05/16/1991			05/16/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			6010			D6010			6010			D6010			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l																					
Antimony	0.3		ug/l																					
Arsenic	2	U	ug/l																					
Barium	46		ug/l																					
Beryllium	0.2	U	ug/l																					
Cadmium	0.2	U	ug/l				1	U	ug/l										0.0081		mg/l			
Calcium	29000		ug/l							23		mg/l												
Chromium	5	U	ug/l																					
Cobalt	10	U	ug/l																					
Copper	2	U	ug/l																					
Cyanide																								
Iron	48		ug/l							0.02		mg/l	5.9		ug/l									
Lead	1.4		ug/l	3		ug/l	1.3		ug/l													0.042		mg/l
Lithium																								
Magnesium	11000		ug/l							9.4		mg/l												
Manganese	23		ug/l							0.012		mg/l	11		ug/l									
Mercury	0.2	U	ug/l																					
Molybdenum																								
Nickel	20	U	ug/l																					
Potassium	2000	U	ug/l																					
Selenium	2	U	ug/l																					
Silicon																								
Silver	0.2	U	ug/l																					
Sodium	1500		ug/l							1.1		mg/l												
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l																					
Titanium																								
Uranium																								
Vanadium	10	U	ug/l																					
Zinc	34		ug/l	20		ug/l	22		ug/l							2		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM301			NM301			NM301			NM301			NM301			NM301			NM301			NM301		
Location Cross Ref.	NM-30			NM-30			NM-30			NM-30			NM-30			NM-30			NM-30			NM-30		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172027			172027			172132			172132			172132			172132			172132			168502		
Sample Date	05/16/1991			05/16/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			11/11/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D7421			6010			7131			7421			D6010			D7421			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																						20	U	ug/l
Antimony																						0.51		ug/l
Arsenic																						0.19		ug/l
Barium																						41		ug/l
Beryllium																						1	U	ug/l
Cadmium	0.0076		mg/l							0.028		mg/l				0.028		mg/l				36		ug/l
Calcium																						19000		ug/l
Chromium																						5	U	ug/l
Cobalt																						5	U	ug/l
Copper																						2.5		ug/l
Cyanide																								
Iron																						37		ug/l
Lead				0.013	J	mg/l							0.083		mg/l				0.037		mg/l	88		ug/l
Lithium																								
Magnesium																						4800		ug/l
Manganese																						74		ug/l
Mercury																						0.2	U	ug/l
Molybdenum																								
Nickel																						2.7		ug/l
Potassium																						850		ug/l
Selenium																						1	U	ug/l
Silicon																								
Silver																						0.03	U	ug/l
Sodium																						2400		ug/l
Strontium																								
Sulfur																								
Thallium																						0.5	U	ug/l
Titanium																								
Uranium																								
Vanadium																						3	U	ug/l
Zinc	2		mg/l				5.3		mg/l							5.5		mg/l				6600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM301		NM301		NM301		NM301		NM301		NM302		NM302		NM302	
Location Cross Ref.	NM-30		NM-30		NM-30		NM-30		NM-30		NM302		NM302		NM302	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/SWRI	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	168502		46391		46391		48910		48910		168503		168503		46390	
Sample Date	11/11/1997		05/15/1998		05/15/1998		12/06/1998		12/06/1998		11/11/1997		11/11/1997		05/15/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	60 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	140	ug/l	20 U	ug/l	26 U	ug/l	50 U	ug/l
Antimony	1 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	1.2 J	ug/l	1 U	ug/l	0.54	ug/l	0.57 U	ug/l	0.5 U	ug/l
Arsenic	0.24	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.14	ug/l	0.16 U	ug/l	1 U	ug/l
Barium	41	ug/l	14	ug/l	14	ug/l	49	ug/l	50	ug/l	65	ug/l	62	ug/l	50	ug/l
Beryllium	0.35 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.35 U	ug/l	1 U	ug/l
Cadmium	33	ug/l	11	ug/l	11	ug/l	50	ug/l	50	ug/l	0.064	ug/l	0.069 U	ug/l	0.1 U	ug/l
Calcium	18000	ug/l	5500	ug/l	5900	ug/l	24000	ug/l	24000	ug/l	23000	ug/l	21000	ug/l	16000	ug/l
Chromium	6 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	6 U	ug/l	5 U	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	2.9 J	ug/l	3 U	ug/l	3 U	ug/l	5 U	ug/l	5.2	ug/l	0.5 U	ug/l	0.41 U	ug/l	3 U	ug/l
Cyanide																
Iron	60 J	ug/l	54	ug/l	39 U	ug/l	50 U	ug/l	97 J	ug/l	10 U	ug/l	7.6 J	ug/l	20 U	ug/l
Lead	94	ug/l	32	ug/l	45	ug/l	77	ug/l	120	ug/l	0.34	ug/l	1.6	ug/l	0.5 U	ug/l
Lithium																
Magnesium	4500	ug/l	1400	ug/l	1500	ug/l	6500	ug/l	6600	ug/l	5900	ug/l	5400	ug/l	4200	ug/l
Manganese	72	ug/l	41	ug/l	44	ug/l	170	ug/l	170	ug/l	1 U	ug/l	1.1 J	ug/l	5 U	ug/l
Mercury	0.1 U	ug/l	0.2 U	ug/l	0.2 UJ	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	0.5	ug/l	5 U	ug/l	5 U	ug/l
Potassium	820	ug/l	440	ug/l	480	ug/l	1100	ug/l	1100	ug/l	700 UJ	ug/l	850	ug/l	750	ug/l
Selenium	0.4	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.21 U	ug/l	1 U	ug/l
Silicon																
Silver	0.22 U	ug/l	0.3 U	ug/l	0.3 U	ug/l	5 U	ug/l	5 U	ug/l	0.03 U	ug/l	0.22 U	ug/l	0.3 U	ug/l
Sodium	2300	ug/l	1300	ug/l	1300	ug/l	3300	ug/l	3100	ug/l	1100	ug/l	1100	ug/l	970	ug/l
Strontium																
Sulfur																
Thallium	0.11 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	1 U	ug/l	1 U	ug/l	0.5 U	ug/l	0.017 U	ug/l	0.1 U	ug/l
Titanium																
Uranium																
Vanadium	2 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	3 U	ug/l	2.1 U	ug/l	5 U	ug/l
Zinc	6500 J	ug/l	2000	ug/l	2100	ug/l	9100	ug/l	9000	ug/l	21	ug/l	27 U	ug/l	5 U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM302			NM302			NM302			NM303			NM303			NM303			NM303			NM303		
Location Cross Ref.	NM302			NM302			NM302			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46390			49153			49153			172028			172028			172028			172028			172028		
Sample Date	05/15/1998			12/06/1998			12/06/1998			05/16/1991			05/16/1991			05/16/1991			05/16/1991			05/16/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l															
Antimony	0.5	U	ug/l	1	U	ug/l	1	U	ug/l															
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l															
Barium	52		ug/l	59		ug/l	61		ug/l															
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l															
Cadmium	0.1	U	ug/l	1	U	ug/l	1	U	ug/l				0.0076		mg/l				0.0073		mg/l			
Calcium	17000		ug/l	21000		ug/l	21000		ug/l															
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Copper	3	U	ug/l	5	U	ug/l	5	U	ug/l															
Cyanide																								
Iron	20	U	ug/l	50	U	ug/l	50	U	ug/l															
Lead	0.61		ug/l	1	U	ug/l	3.3		ug/l							0.041		mg/l				0.012	J	mg/l
Lithium																								
Magnesium	4400		ug/l	5500		ug/l	5600		ug/l															
Manganese	5	U	ug/l	5	U	ug/l	5	J	ug/l															
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l															
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Potassium	720		ug/l	780		ug/l	780		ug/l															
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l															
Silicon																								
Silver	0.3	U	ug/l	5	U	ug/l	5	U	ug/l															
Sodium	960		ug/l	1100		ug/l	1100		ug/l															
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	1	U	ug/l	1	U	ug/l															
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Zinc	5.4		ug/l	7.5		ug/l	19		ug/l	1.9		mg/l							1.9		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM303			NM303			NM303			NM303			NM303			NM303			NM303			NM303		
Location Cross Ref.	NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172133			172133			172133			172133			172133			174028			174028			174029		
Sample Date	10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/28/1993			10/28/1993			12/02/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.023		mg/l				0.023		mg/l				30		ug/l	29		ug/l	22		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.062		mg/l				0.016		mg/l	44		ug/l	26		ug/l	55		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3.6		mg/l							3.3		mg/l				4800		ug/l	4900		ug/l	4600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM303			NM303			NM303			NM303			NM303			NM303			NM303			NM303		
Location Cross Ref.	NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174029			174030			174030			174031			174031			174032			174032			174033		
Sample Date	12/02/1993			12/16/1993			12/16/1993			01/24/1994			01/24/1994			02/18/1994			02/18/1994			03/08/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	23		ug/l	28		ug/l	33		ug/l	28		ug/l	24		ug/l	28		ug/l	29		ug/l	33		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	41		ug/l	81		ug/l	55		ug/l	88		ug/l	54		ug/l	120		ug/l	26		ug/l	81		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	4500		ug/l	5300		ug/l	5300		ug/l	4400		ug/l	4500		ug/l	4500		ug/l	4600		ug/l	4000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM303			NM303			NM303			NM303			NM303			NM303			NM303			NM303		
Location Cross Ref.	NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174033			174034			174034			174035			174035			174036			174036			174037		
Sample Date	03/08/1994			03/24/1994			03/24/1994			04/07/1994			04/07/1994			04/19/1994			04/19/1994			05/04/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	26		ug/l	23		ug/l	23		ug/l	29		ug/l	23		ug/l	27		ug/l	26		ug/l	26		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	53		ug/l	97		ug/l	65		ug/l	96		ug/l	66		ug/l	430		ug/l	56		ug/l	75		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	4000		ug/l	3900		ug/l	400		ug/l	4000		ug/l	4100		ug/l	3900		ug/l	3800		ug/l	3400		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM303			NM303			NM303			NM303			NM303			NM303			NM303			NM303		
Location Cross Ref.	NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174037			174038			174038			174039			174039			174040			174040			174041		
Sample Date	05/04/1994			05/19/1994			05/19/1994			06/07/1994			06/07/1994			06/23/1994			06/23/1994			07/20/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	22		ug/l	18		ug/l	18		ug/l	25		ug/l	24		ug/l	24		ug/l	24		ug/l	28		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	57		ug/l	67		ug/l	55		ug/l	78		ug/l	62		ug/l	92		ug/l	74		ug/l	72		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3400		ug/l	2500		ug/l	2600		ug/l	3300		ug/l	3400		ug/l	3600		ug/l	3700		ug/l	3600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM303			NM303			NM303			NM303			NM303			NM303			NM303			NM303		
Location Cross Ref.	NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174041			174042			174042			174043			174043			174044			174044			174045		
Sample Date	07/20/1994			08/15/1994			08/15/1994			09/08/1994			09/08/1994			10/04/1994			10/04/1994			11/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	28		ug/l	27		ug/l	28		ug/l	34		ug/l	34		ug/l	32		ug/l	32		ug/l	62		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	52		ug/l	67		ug/l	33		ug/l	62		ug/l	34		ug/l	79		ug/l	46		ug/l	190		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3600		ug/l	3200		ug/l	2800		ug/l	5500		ug/l	5600		ug/l	4300		ug/l	4300		ug/l	7900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM303			NM303			NM303			NM303			NM303			NM303			NM303			NM303		
Location Cross Ref.	NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174045			174046			174046			174047			174047			174048			174048			174049		
Sample Date	11/15/1994			12/13/1994			12/13/1994			01/10/1995			01/10/1995			02/09/1995			02/09/1995			03/07/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	62		ug/l	51		ug/l	54		ug/l	43		ug/l	44		ug/l	29		ug/l	30		ug/l	30		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	110		ug/l	140		ug/l	82		ug/l	280		ug/l	67		ug/l	110		ug/l	74		ug/l	200		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	8100		ug/l	8500		ug/l	8700		ug/l	6200		ug/l	6400		ug/l	4900		ug/l	5000		ug/l	5200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM303		NM303		NM303		NM303		NM303		NM303		NM303		NM303	
Location Cross Ref.	NM-20/NM-2		NM-20/NM-2		NM-20/NM-2		NM-20/NM-2		NM-20/NM-2		NM-20/NM-2		NM-20/NM-2		NM-20/NM-2	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	174049		174050		174050		174051		174051		174052		174052		174053	
Sample Date	03/07/1995		03/22/1995		03/22/1995		04/13/1995		04/13/1995		04/25/1995		04/25/1995		05/09/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	31	ug/l	29	ug/l	27	ug/l	28	ug/l	29	ug/l	28	ug/l	28	ug/l	16	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	150	ug/l	130	ug/l	66	ug/l	110	ug/l	71	ug/l	87	ug/l	64	ug/l	120	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	5100	ug/l	4600	ug/l	4400	ug/l	5100	ug/l	5100	ug/l	5400	ug/l	5200	ug/l	3000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM303		NM303		NM303		NM303		NM303		NM303		NM303		NM303	
Location Cross Ref.	NM-20/NM-2		NM-20/NM-2		NM-20/NM-2		NM-20/NM-2		NM-20/NM-2		NM-20/NM-2		NM-20/NM-2		NM-20/NM-2	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	174053		174054		174054		174055		174055		174056		174056		174057	
Sample Date	05/09/1995		05/23/1995		05/23/1995		06/12/1995		06/12/1995		06/27/1995		06/27/1995		07/11/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	17	ug/l	14	ug/l	14	ug/l	16	ug/l	17	ug/l	22	ug/l	18	ug/l	22	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	70	ug/l	96	ug/l	63	ug/l	100	ug/l	87	ug/l	120	ug/l	88	ug/l	130	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	2800	ug/l	2100	ug/l	2200	ug/l	2500	ug/l	2500	ug/l	3300	ug/l	3300	ug/l	3500	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM303			NM303			NM303			NM303			NM303			NM303			NM303			NM303		
Location Cross Ref.	NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2			NM-20/NM-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174057			174058			174058			174059			174059			174060			174060			168504		
Sample Date	07/11/1995			07/25/1995			07/25/1995			08/14/1995			08/14/1995			09/13/1995			09/13/1995			11/11/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																						20	U	ug/l
Antimony																						0.83		ug/l
Arsenic																						0.19		ug/l
Barium																						49		ug/l
Beryllium																						1	U	ug/l
Cadmium	22		ug/l	27		ug/l	28		ug/l	33		ug/l	33		ug/l	33		ug/l	34		ug/l	32		ug/l
Calcium																						20000		ug/l
Chromium																						5	U	ug/l
Cobalt																						5	U	ug/l
Copper																						1.8		ug/l
Cyanide																								
Iron																						10		ug/l
Lead	93		ug/l	140		ug/l	110		ug/l	160		ug/l	110		ug/l	110		ug/l	62		ug/l	56		ug/l
Lithium																								
Magnesium																						5000		ug/l
Manganese																						62		ug/l
Mercury																						0.2	U	ug/l
Molybdenum																								
Nickel																						2.6		ug/l
Potassium																						700	UJ	ug/l
Selenium																						1	U	ug/l
Silicon																								
Silver																						0.03	U	ug/l
Sodium																						2300		ug/l
Strontium																								
Sulfur																								
Thallium																						0.5	U	ug/l
Titanium																								
Uranium																								
Vanadium																						3	U	ug/l
Zinc	3500		ug/l	4100		ug/l	4100		ug/l	4700		ug/l	4700		ug/l	3900		ug/l	3900		ug/l	5600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM303		NM303		NM303		NM303		NM303		NM304		NM304		NM304	
Location Cross Ref.	NM-20/NM-2		NM-20/NM-2		NM-20/NM-2		NM-20/NM-2		NM-20/NM-2		NM304		NM304		NM304	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(2) URS/LAUCKS		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(11) URS/SWRI		(11) URS/SWRI		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/SWRI	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	168504		46384		46384		48911		48911		168505		168505		46389	
Sample Date	11/11/1997		05/14/1998		05/14/1998		12/06/1998		12/06/1998		11/11/1997		11/11/1997		05/15/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	73 U	ug/l	50	ug/l	50 U	ug/l	50 U	ug/l	89 J	ug/l	20 U	ug/l	37 U	ug/l	50 U	ug/l
Antimony	0.9 U	ug/l	0.3	ug/l	0.3	ug/l	2.1 J	ug/l	1.3 J	ug/l	0.85	ug/l	0.99 U	ug/l	0.5 U	ug/l
Arsenic	0.16 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l	0.13	ug/l	0.23 UJ	ug/l	1 U	ug/l
Barium	48	ug/l	15	ug/l	17	ug/l	55	ug/l	56	ug/l	51	ug/l	49	ug/l	18	ug/l
Beryllium	0.35 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.35 U	ug/l	1 U	ug/l
Cadmium	30	ug/l	10	ug/l	10	ug/l	46	ug/l	44	ug/l	30	ug/l	28	ug/l	11	ug/l
Calcium	18000	ug/l	5600	ug/l	5700	ug/l	24000	ug/l	24000	ug/l	19000	ug/l	18000	ug/l	6400	ug/l
Chromium	6 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	6 U	ug/l	5 U	ug/l
Cobalt	5 U	ug/l	10 U	ug/l	10 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	2 J	ug/l	2	ug/l	2 U	ug/l	5 U	ug/l	5 U	ug/l	1.2	ug/l	1.4 J	ug/l	3 U	ug/l
Cyanide																
Iron	33 U	ug/l	43	ug/l	20 U	ug/l	50 U	ug/l	59 J	ug/l	10 U	ug/l	36 U	ug/l	20 U	ug/l
Lead	60	ug/l	46	ug/l	30	ug/l	63	ug/l	96	ug/l	46	ug/l	53	ug/l	27	ug/l
Lithium																
Magnesium	4600	ug/l	1500	ug/l	1500	ug/l	6200	ug/l	6300	ug/l	4900	ug/l	4600	ug/l	1700	ug/l
Manganese	59	ug/l	37	ug/l	35	ug/l	130	ug/l	130	ug/l	54	ug/l	53	ug/l	35	ug/l
Mercury	0.11 UJ	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	20 U	ug/l	20 U	ug/l	5 U	ug/l	5 U	ug/l	2.3	ug/l	5 U	ug/l	5 U	ug/l
Potassium	910	ug/l	2000 U	ug/l	2000 U	ug/l	1100	ug/l	1100	ug/l	700 UJ	ug/l	1000	ug/l	540	ug/l
Selenium	0.21 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.21 U	ug/l	1 U	ug/l
Silicon																
Silver	0.22 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	5 U	ug/l	5 U	ug/l	0.03 U	ug/l	0.22 U	ug/l	0.3 U	ug/l
Sodium	2200	ug/l	1300	ug/l	1400	ug/l	2900	ug/l	3000	ug/l	2200	ug/l	2200	ug/l	1300	ug/l
Strontium																
Sulfur																
Thallium	0.13 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l	1 U	ug/l	0.5 U	ug/l	0.14 U	ug/l	0.1 U	ug/l
Titanium																
Uranium																
Vanadium	2.1	ug/l	10 U	ug/l	10 U	ug/l	5 U	ug/l	5 U	ug/l	3 U	ug/l	2 U	ug/l	5 U	ug/l
Zinc	5500	ug/l	1900	ug/l	1900	ug/l	8100	ug/l	8100	ug/l	5400	ug/l	5300	ug/l	2000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM304			NM304			NM304			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM304			NM304			NM304			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46389			48912			48912			172016			172016			172016			172016			172016		
Sample Date	05/15/1998			12/06/1998			12/06/1998			05/15/1991			05/15/1991			05/15/1991			05/15/1991			05/15/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	59	J	ug/l															
Antimony	0.5	U	ug/l	1.5	J	ug/l	1.2	J	ug/l															
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l															
Barium	19		ug/l	55		ug/l	56		ug/l															
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l															
Cadmium	11		ug/l	40		ug/l	40		ug/l				0.009		mg/l				0.0089		mg/l			
Calcium	6900		ug/l	22000		ug/l	22000		ug/l															
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Copper	3	U	ug/l	5	U	ug/l	5	U	ug/l															
Cyanide																								
Iron	45	U	ug/l	50	U	ug/l	50	U	ug/l															
Lead	42		ug/l	58		ug/l	82		ug/l							0.042		mg/l				0.014		mg/l
Lithium																								
Magnesium	1800		ug/l	5600		ug/l	5700		ug/l															
Manganese	39		ug/l	110		ug/l	110		ug/l															
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l															
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Potassium	640		ug/l	1300		ug/l	1300		ug/l															
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l															
Silicon																								
Silver	0.3	U	ug/l	5	U	ug/l	5	U	ug/l															
Sodium	1400		ug/l	3000		ug/l	2800		ug/l															
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	1	U	ug/l	1	U	ug/l															
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Zinc	2200		ug/l	7200		ug/l	7300		ug/l	1.8		mg/l							1.9		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172017			172017			172017			172017			172017			172082			172082			172082		
Sample Date	05/16/1991			05/16/1991			05/16/1991			05/16/1991			05/16/1991			10/03/1991			10/03/1991			10/03/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0077		mg/l				0.0074		mg/l							0.019		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.04		mg/l				0.014	J	mg/l							0.039		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.9		mg/l							2		mg/l				3.1		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172082			172082			172159			172159			172159			172159			172159			172135		
Sample Date	10/03/1991			10/03/1991			10/03/1991			10/03/1991			10/03/1991			10/03/1991			10/03/1991			10/04/1991		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample		
Analytical Method	D6010			D7421			6010			7131			7421			D6010			D7421			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.027		mg/l							0.019		mg/l				0.027		mg/l						
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.015		mg/l							0.039		mg/l				0.015		mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2.6		mg/l				3.1		mg/l							2.6		mg/l				4.5		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172135			172135			172135			172135			172158			172158			172158			172158		
Sample Date	10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate		
Analytical Method	7131			7421			D6010			D7421			6010			7131			7421			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.023		mg/l				0.022		mg/l							0.023		mg/l				0.022		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.051		mg/l				0.024		mg/l							0.051		mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							4.6		mg/l				4.5		mg/l							4.6		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172158			174061			174061			174062			174062			174063			174063			174064		
Sample Date	10/04/1991			10/28/1993			10/28/1993			12/02/1993			12/02/1993			12/16/1993			12/16/1993			01/24/1994		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D7421			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				22		ug/l	26		ug/l	23		ug/l	22		ug/l	26		ug/l	29		ug/l	19		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.024		mg/l	40		ug/l	29		ug/l	48		ug/l	30		ug/l	64		ug/l	40		ug/l	68		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				4500		ug/l	4500		ug/l	4400		ug/l	4300		ug/l	4600		ug/l	4800		ug/l	3800		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174064			174065			174065			174066			174066			174067			174067			174068		
Sample Date	01/24/1994			02/18/1994			02/18/1994			03/08/1994			03/08/1994			03/23/1994			03/23/1994			04/07/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	20		ug/l	25		ug/l	26		ug/l	24		ug/l	26		ug/l	21		ug/l	22		ug/l	25		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	34		ug/l	73		ug/l	34		ug/l	110		ug/l	46		ug/l	87		ug/l	53		ug/l	85		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	4200		ug/l	4000		ug/l	4100		ug/l	3700		ug/l	3800		ug/l	3800		ug/l	3800		ug/l	3800		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174068			174069			174069			174070			174071			174071			174072			174072		
Sample Date	04/07/1994			04/19/1994			04/19/1994			05/04/1994			05/20/1994			05/20/1994			06/07/1994			06/07/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	23		ug/l	28		ug/l	22		ug/l	22		ug/l	20		ug/l	19		ug/l	25		ug/l	26		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	57		ug/l	440		ug/l	48		ug/l	72		ug/l	5		ug/l	4		ug/l	66		ug/l	54		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3900		ug/l	3800		ug/l	3600		ug/l	3300		ug/l	2400		ug/l	2500		ug/l	3000		ug/l	3200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174073			174073			174074			174074			174075			174075			174076			174076		
Sample Date	06/23/1994			06/23/1994			07/20/1994			07/20/1994			08/15/1994			08/15/1994			09/08/1994			09/08/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	24		ug/l	24		ug/l	22		ug/l	23		ug/l	21		ug/l	21		ug/l	30		ug/l	32		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	69		ug/l	52		ug/l	55		ug/l	49		ug/l	44		ug/l	35		ug/l	40		ug/l	26		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3300		ug/l	3300		ug/l	2600		ug/l	2600		ug/l	2300		ug/l	2300		ug/l	4600		ug/l	4800		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174077			174077			174078			174078			174079			174079			174080			174080		
Sample Date	10/28/1994			10/28/1994			11/15/1994			11/15/1994			12/13/1994			12/13/1994			01/10/1995			01/10/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	25		ug/l	27		ug/l	48		ug/l	48		ug/l	45		ug/l	44		ug/l	38		ug/l	35		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	53		ug/l	30		ug/l	130		ug/l	90		ug/l	91		ug/l	60		ug/l	200		ug/l	54		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3800		ug/l	3900		ug/l	7000		ug/l	6800		ug/l	7200		ug/l	7400		ug/l	5600		ug/l	5500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174081			174081			174082			174082			174083			174083			174084			174084		
Sample Date	02/09/1995			02/09/1995			03/07/1995			03/07/1995			03/22/1995			03/22/1995			04/13/1995			04/13/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	27		ug/l	27		ug/l	26		ug/l	30		ug/l	23		ug/l	24		ug/l	27		ug/l	26		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	110		ug/l	73		ug/l	95		ug/l	61		ug/l	170		ug/l	60		ug/l	110		ug/l	58		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	4400		ug/l	4600		ug/l	4800		ug/l	4800		ug/l	4200		ug/l	4000		ug/l	4800		ug/l	4700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174085			174085			174086			174086			174087			174087			174088			174088		
Sample Date	04/25/1995			04/25/1995			05/09/1995			05/09/1995			05/23/1995			05/23/1995			06/12/1995			06/12/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	25		ug/l	25		ug/l	16		ug/l	18		ug/l	15		ug/l	16		ug/l	15		ug/l	16		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	79		ug/l	64		ug/l	110		ug/l	64		ug/l	87		ug/l	54		ug/l	83		ug/l	62		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	4900		ug/l	4700		ug/l	2900		ug/l	2600		ug/l	2100		ug/l	2100		ug/l	2200		ug/l	2300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174089			174089			174090			174090			174091			174091			174092			174092		
Sample Date	06/27/1995			06/27/1995			07/11/1995			07/11/1995			07/26/1995			07/26/1995			08/14/1995			08/14/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	20		ug/l	22		ug/l	20		ug/l	20		ug/l	23		ug/l	23		ug/l	27		ug/l	27		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	100		ug/l	72		ug/l	100		ug/l	72		ug/l	100		ug/l	75		ug/l	61		ug/l	74		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2900		ug/l	2900		ug/l	2900		ug/l	2900		ug/l	3000		ug/l	3100		ug/l	3400		ug/l	3500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174093			174093			174094			174094			174104			174104			174105			174105		
Sample Date	09/13/1995			09/13/1995			10/18/1995			10/18/1995			11/21/1995			11/21/1995			12/27/1995			12/27/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	27		ug/l	25		ug/l	36		ug/l	38		ug/l	26		ug/l	25		ug/l	23		ug/l	24		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	100		ug/l	50		ug/l	110		ug/l	91		ug/l	200		ug/l	67		ug/l	69		ug/l	43		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2700		ug/l	2600		ug/l	5800		ug/l	5900		ug/l	4200		ug/l	4200		ug/l	3700		ug/l	3800		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174095			174095			174096			174096			174097			174097			174098			174098		
Sample Date	01/17/1996			01/17/1996			02/29/1996			02/29/1996			03/28/1996			03/28/1996			04/17/1996			04/17/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	20		ug/l	19		ug/l	16		ug/l	17		ug/l	18		ug/l	17		ug/l	20		ug/l	20		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	110		ug/l	65		ug/l	98		ug/l	39		ug/l	52		ug/l	39		ug/l	110		ug/l	45		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2800		ug/l	2800		ug/l	2800		ug/l	3000		ug/l	2700		ug/l	2800		ug/l	3300		ug/l	3400		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174099			174099			174100			174100			174101			174101			174102			174102		
Sample Date	05/08/1996			05/08/1996			06/19/1996			06/19/1996			07/24/1996			07/24/1996			08/21/1996			08/21/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	17		ug/l	16		ug/l	14		ug/l	19		ug/l	20		ug/l	20		ug/l	21		ug/l	22		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	89		ug/l	40		ug/l	46		ug/l	37		ug/l	57		ug/l	40		ug/l	49		ug/l	36		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2900		ug/l	2900		ug/l	1800		ug/l	1800		ug/l	2400		ug/l	2500		ug/l	2800		ug/l	2800		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174103			174103			186009			186009			186024			186024			186040			186040		
Sample Date	09/26/1996			09/26/1996			10/29/1996			10/29/1996			11/27/1996			11/27/1996			12/13/1996			12/13/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	20		ug/l	20		ug/l	0.026		mg/l	0.026		mg/l	0.03		mg/l	0.03		mg/l	0.027		mg/l	0.028		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	46		ug/l	37		ug/l	0.068		mg/l	0.041		mg/l	0.054		mg/l	0.043		mg/l	0.096		mg/l	0.058		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2500		ug/l	2500		ug/l	4.4		mg/l	4.4		mg/l	5.2		mg/l	5.6		mg/l	4.4		mg/l	4.6		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186057			186057			186074			186074			186094			186094			186114			186114		
Sample Date	01/30/1997			01/30/1997			02/19/1997			02/19/1997			03/26/1997			03/26/1997			04/16/1997			04/16/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.02		mg/l	0.02		mg/l	0.015		mg/l	0.016		mg/l	0.013		mg/l	0.013		mg/l	0.012		mg/l	0.012		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.07		mg/l	0.04		mg/l	0.11		mg/l	0.049		mg/l	0.087		mg/l	0.047		mg/l	0.08		mg/l	0.049		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3.2		mg/l	3.3		mg/l	2.5		mg/l	2.5		mg/l	2.2		mg/l	2.1		mg/l	2.1		mg/l	2.1		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186134			186154			186154			186174			186174			186194			186194			186214		
Sample Date	05/15/1997			06/24/1997			06/24/1997			07/23/1997			07/23/1997			08/14/1997			08/14/1997			09/04/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	15		ug/l	0.0086		mg/l	0.0088		mg/l	0.014		mg/l	0.014		mg/l	0.017		mg/l	0.017		mg/l	0.019		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	2100		ug/l	0.05		mg/l	0.035		mg/l	0.071		mg/l	0.052		mg/l	0.057		mg/l	0.046		mg/l	0.056		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3000		ug/l	1.5		mg/l	1.5		mg/l	2.1		mg/l	2.3		mg/l	2.7		mg/l	2.9		mg/l	2.4		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL			(2) URS/LAUCKS			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186214			186234			186234			168506			168506			186254			186254			186273		
Sample Date	09/04/1997			10/16/1997			10/16/1997			11/11/1997			11/11/1997			11/26/1997			11/26/1997			12/17/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum										20	U	ug/l	26	U	ug/l									
Antimony										1		ug/l	1.2	U	ug/l									
Arsenic										0.21		ug/l	0.16	U	ug/l									
Barium										50		ug/l	48		ug/l									
Beryllium										1	U	ug/l	0.35	U	ug/l									
Cadmium	0.018		mg/l	0.023		mg/l	0.022		mg/l	30		ug/l	27		ug/l	0.022		mg/l	0.021		mg/l	0.021		mg/l
Calcium										21000		ug/l	19000		ug/l									
Chromium										5	U	ug/l	6	U	ug/l									
Cobalt										5	U	ug/l	5	U	ug/l									
Copper										1.2		ug/l	1.4	J	ug/l									
Cyanide																								
Iron										31		ug/l	46	U	ug/l									
Lead	0.041		mg/l	0.054		mg/l	0.038		mg/l	42		ug/l	48		ug/l	0.047		mg/l	0.039		mg/l	0.042		mg/l
Lithium																								
Magnesium										5200		ug/l	4700		ug/l									
Manganese										46		ug/l	45		ug/l									
Mercury										0.2	U	ug/l	0.12	UJ	ug/l									
Molybdenum																								
Nickel										2.4		ug/l	5	U	ug/l									
Potassium										700	UJ	ug/l	980		ug/l									
Selenium										1	U	ug/l	0.22	J	ug/l									
Silicon																								
Silver										0.03	U	ug/l	0.22	U	ug/l									
Sodium										2200		ug/l	2100		ug/l									
Strontium																								
Sulfur																								
Thallium										0.5	U	ug/l	0.095	U	ug/l									
Titanium																								
Uranium																								
Vanadium										3	U	ug/l	2	U	ug/l									
Zinc	2.6		mg/l	3.4		mg/l	3.4		mg/l	5200		ug/l	5100		ug/l	4.1		mg/l	4.1		mg/l	3.8		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186273			186292			186292			186311			186311			186330			186330			186349		
Sample Date	12/17/1997			01/21/1998			01/21/1998			02/25/1998			02/25/1998			03/20/1998			03/20/1998			04/23/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.022		mg/l	0.021		mg/l	0.023		mg/l	0.015		mg/l	0.016		mg/l	0.014		mg/l	0.014		mg/l	0.016		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.03		mg/l	0.049		mg/l	0.037		mg/l	0.31		mg/l	0.042		mg/l	0.072		mg/l	0.038		mg/l	0.17		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3.8		mg/l	3.5		mg/l	3.7		mg/l	2.8		mg/l	2.6		mg/l	2.2		mg/l	2.2		mg/l	3.2		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(3) URS/SWRI			(3) URS/SWRI			(3) URS/SOUND			(3) URS/SOUND			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186349			202226			202226			46388			46388			46642			46642			202241		
Sample Date	04/23/1998			05/07/1998			05/07/1998			05/15/1998			05/15/1998			05/17/1998			05/17/1998			05/28/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum										50	U	ug/l	50	U	ug/l	34	UJ	ug/l	35	UJ	ug/l			
Antimony										0.5	U	ug/l	0.5	U	ug/l	0.6	U	ug/l	0.6	U	ug/l			
Arsenic										1	U	ug/l	1	U	ug/l	0.23	U	ug/l	0.23	U	ug/l			
Barium										19		ug/l	19		ug/l	19	J	ug/l	19	J	ug/l			
Beryllium										1	U	ug/l	1	U	ug/l	0.11	U	ug/l	0.11	U	ug/l			
Cadmium	0.016		mg/l	8.6		ug/l	8.3		ug/l	11		ug/l	11		ug/l	12	J	ug/l	13	J	ug/l	11		ug/l
Calcium										6900		ug/l	7400		ug/l	7000		ug/l	7200		ug/l			
Chromium										5	U	ug/l	5	U	ug/l	0.4	U	ug/l	0.4	U	ug/l			
Cobalt										5	U	ug/l	5	U	ug/l	0.2	UJ	ug/l	0.18	UJ	ug/l			
Copper										3	U	ug/l	3	U	ug/l	2.3	J	ug/l	2.3	J	ug/l			
Cyanide																								
Iron										20	U	ug/l	45	UJ	ug/l	79	J	ug/l	81	J	ug/l			
Lead	0.04		mg/l	74		ug/l	23		ug/l	26		ug/l	40		ug/l	47		ug/l				90		ug/l
Lithium																								
Magnesium										1800		ug/l	1900		ug/l	1800	J	ug/l	1900	J	ug/l			
Manganese										33		ug/l	37		ug/l	34	J	ug/l	36	J	ug/l			
Mercury										0.2	U	ug/l	0.2	U	ug/l	0.16	U	ug/l	0.16	U	ug/l			
Molybdenum																								
Nickel										5	U	ug/l	5	U	ug/l	1.1	J	ug/l	1.1	J	ug/l			
Potassium										540		ug/l	580		ug/l	1600	UJ	ug/l	1600	U	ug/l			
Selenium										1	U	ug/l	1	U	ug/l	1.3	U	ug/l	1.3	U	ug/l			
Silicon																								
Silver										0.3	U	ug/l	0.3	U	ug/l	0.042	UJ	ug/l	0.042	U	ug/l			
Sodium										1300		ug/l	1400		ug/l	1300	J	ug/l	1400	J	ug/l			
Strontium																								
Sulfur																								
Thallium										0.1	U	ug/l	0.1	U	ug/l	0.058	U	ug/l	0.058	U	ug/l			
Titanium																								
Uranium																								
Vanadium										5	U	ug/l	5	U	ug/l	0.12	U	ug/l	0.16	U	ug/l			
Zinc	3.2		mg/l	1600		ug/l	1600		ug/l	2000		ug/l	2100		ug/l	2400	J	ug/l				1900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202241			202271			202271			202291			202291			202311			202311			202373		
Sample Date	05/28/1998			06/26/1998			06/26/1998			07/28/1998			07/28/1998			08/26/1998			08/26/1998			09/24/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	10		ug/l	16		ug/l	16		ug/l	20		ug/l	20		ug/l	24		ug/l	24		ug/l	22		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	34		ug/l	49		ug/l	36		ug/l	41		ug/l	35		ug/l	44		ug/l	31		ug/l	46		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1900		ug/l	2600		ug/l	2600		ug/l	2700		ug/l	2700		ug/l	3900		ug/l	4000		ug/l	3700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202373			202388			202388			202396			202396			202423			202423			186897		
Sample Date	09/24/1998			10/01/1998			10/01/1998			10/08/1998			10/08/1998			10/26/1998			10/26/1998			10/27/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	22		ug/l	25		ug/l	25		ug/l	28		ug/l	28		ug/l	22		ug/l	21		ug/l	31		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	31		ug/l	42		ug/l	32		ug/l	44		ug/l	31		ug/l	36		ug/l	26		ug/l	47		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3700		ug/l	4100		ug/l	4100		ug/l	4700		ug/l	4600		ug/l	3000		ug/l	3000		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER			(11) URS/SWRI			(11) URS/SWRI			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186897			186898			186898			202442			48913			48913			186899			186899		
Sample Date	10/27/1998			11/19/1998			11/19/1998			11/25/1998			12/06/1998			12/06/1998			12/10/1998			12/10/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum													50	U	ug/l	56	J	ug/l						
Antimony													1.4	J	ug/l	1.4	J	ug/l						
Arsenic													1	U	ug/l	1	U	ug/l						
Barium													54		ug/l	55		ug/l						
Beryllium													1	U	ug/l	1	U	ug/l						
Cadmium	28		ug/l				39		ug/l	38		ug/l	37		ug/l	37		ug/l	39		ug/l	31		ug/l
Calcium	17000		ug/l				21000		ug/l				23000		ug/l	23000		ug/l				20000		ug/l
Chromium													5	U	ug/l	5	U	ug/l						
Cobalt													5	U	ug/l	5	U	ug/l						
Copper													5	U	ug/l	5	U	ug/l						
Cyanide																								
Iron													50	U	ug/l	50	U	ug/l						
Lead	29		ug/l	50		ug/l	36		ug/l	130		ug/l	53		ug/l	73		ug/l	68		ug/l	36		ug/l
Lithium																								
Magnesium	4300		ug/l				5100		ug/l				5900		ug/l	6000		ug/l				5500		ug/l
Manganese													96		ug/l	97		ug/l						
Mercury													0.2	U	ug/l	0.2	U	ug/l						
Molybdenum																								
Nickel													5	U	ug/l	5	U	ug/l						
Potassium													1200		ug/l	1200		ug/l						
Selenium													1	U	ug/l	1	U	ug/l						
Silicon																								
Silver													5	U	ug/l	5	U	ug/l						
Sodium													2700		ug/l	2900		ug/l						
Strontium																								
Sulfur																								
Thallium													1	U	ug/l	1	U	ug/l						
Titanium																								
Uranium																								
Vanadium													5	U	ug/l	5	U	ug/l						
Zinc	4900		ug/l	7100		ug/l	7500		ug/l	7300		ug/l	6700		ug/l	6800		ug/l	7000		ug/l	6600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202457			202457			202478			202478			186900			186900			202499			202499		
Sample Date	12/31/1998			12/31/1998			01/15/1999			01/15/1999			01/21/1999			01/21/1999			02/23/1999			02/23/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	31		ug/l	32		ug/l	29		ug/l	25		ug/l	21		ug/l	22		ug/l	22		ug/l	21		ug/l
Calcium																19000		ug/l						
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	57		ug/l	38		ug/l	57		ug/l	38		ug/l	54		ug/l	44		ug/l	41		ug/l	30		ug/l
Lithium																								
Magnesium																5400		ug/l						
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	4800		ug/l	4900		ug/l	4100		ug/l	4100		ug/l	3800		ug/l	3800		ug/l	3200		ug/l	3200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202518			202518			186901			186901			186902			186902			186903			186903		
Sample Date	03/08/1999			03/08/1999			03/22/1999			03/22/1999			04/19/1999			04/19/1999			05/05/1999			05/05/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	17		ug/l	18		ug/l	14		ug/l	12		ug/l	17		ug/l	14		ug/l	17		ug/l	16		ug/l
Calcium										15000		ug/l				13000		ug/l				12000		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																			50		ug/l	10	U	ug/l
Lead	48		ug/l	37		ug/l	330		ug/l	23		ug/l	260		ug/l	13		ug/l	52		ug/l	26		ug/l
Lithium																								
Magnesium										4700		ug/l				3900		ug/l				3500		ug/l
Manganese																			53		ug/l	50		ug/l
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																						1600		ug/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2900		ug/l	2800		ug/l	2300		ug/l	2000		ug/l	2600		ug/l	2400		ug/l	2600		ug/l	2700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186904			186904			186905			186905			186906			186906			186907			186907		
Sample Date	05/23/1999			05/23/1999			05/26/1999			05/26/1999			05/27/1999			05/27/1999			05/31/1999			05/31/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	9		ug/l	8.3		ug/l	9		ug/l	6.5		ug/l	7		ug/l	6.4		ug/l	6		ug/l	6.4		ug/l
Calcium				6700		ug/l				4400		ug/l				4500		ug/l				4700		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron	560		ug/l	10	U	ug/l	2200		ug/l	7.9		ug/l	1000		ug/l	6.2		ug/l	270		ug/l	10	U	ug/l
Lead	220		ug/l	23		ug/l	800		ug/l	23		ug/l	270		ug/l	23		ug/l	100		ug/l	22		ug/l
Lithium																								
Magnesium				1800		ug/l				1100		ug/l				1100		ug/l				1200		ug/l
Manganese	65		ug/l	24		ug/l	210		ug/l	21		ug/l	98		ug/l	17		ug/l	33		ug/l	15		ug/l
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium										1200		ug/l												
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1300		ug/l	1200		ug/l	1500		ug/l	980		ug/l	1100		ug/l	1000		ug/l	950		ug/l	970		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM305			NM305			NM305			NM305			NM305			NM305		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1			NM-10A/NM-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186908			186908			202149			202149			202149			202150			202150			202150		
Sample Date	06/15/1999			06/15/1999			07/07/1999			07/07/1999			07/07/1999			08/04/1999			08/04/1999			08/04/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			D6010			6010			D6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	6		ug/l	6		ug/l				11		ug/l	10		ug/l				18		ug/l	17		ug/l
Calcium				4500		ug/l	7.8		mg/l							13		mg/l						
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	81		ug/l	25		ug/l				46		ug/l	29		ug/l				48		ug/l	33		ug/l
Lithium																								
Magnesium				1100		ug/l	1.9		mg/l							3.1		mg/l						
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium				1200		ug/l	1.5		mg/l							1.9		mg/l						
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	870		ug/l	860		ug/l				1800		ug/l	1600		ug/l				2300		ug/l	2300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM305			NM305			NM367			NM367			NM369			NM369			NM370			NM370		
Location Cross Ref.	NM-10A/NM-1			NM-10A/NM-1			AD367			AD367			AD369			AD369			AD370			AD370		
Location Type	River/Stream			River/Stream			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(2) URS/MEL			(2) URS/LAUCKS			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202151			202151			168551			168551			168553			168553			168554			168554		
Sample Date	09/01/1999			09/01/1999			11/14/1997			11/14/1997			11/15/1997			11/15/1997			11/15/1997			11/15/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							20	U	ug/l	26	U	ug/l	20	U	ug/l	26	U	ug/l	20	U	ug/l	26	U	ug/l
Antimony							0.61		ug/l	2.7	J	ug/l	0.5	U	ug/l	0.33	U	ug/l	0.5	U	ug/l	0.17	U	ug/l
Arsenic							20		ug/l	50		ug/l	0.1	U	ug/l	0.16	U	ug/l	0.1	U	ug/l	0.13	J	ug/l
Barium							47		ug/l	63		ug/l	35		ug/l	37		ug/l	170		ug/l	160		ug/l
Beryllium							1	U	ug/l	0.35	U	ug/l	1	U	ug/l	0.35	U	ug/l	1	U	ug/l	0.35	U	ug/l
Cadmium				21		ug/l	0.043		ug/l	0.3	J	ug/l	0.022		ug/l	0.069	U	ug/l	0.04	U	ug/l	0.069	U	ug/l
Calcium	15		mg/l				200000		ug/l	180000		ug/l	22000		ug/l	21000		ug/l	33000		ug/l	30000		ug/l
Chromium							5	U	ug/l	6	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	6	U	ug/l
Cobalt							14		ug/l	22		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper							0.23		ug/l	3.2	J	ug/l	0.18		ug/l	0.45	U	ug/l	0.5	U	ug/l	0.06	U	ug/l
Cyanide																								
Iron							12000		ug/l	27000		ug/l	16		ug/l	130		ug/l	10	U	ug/l	28	U	ug/l
Lead				29		ug/l	0.92		ug/l	160		ug/l	0.05		ug/l	0.12	U	ug/l	0.1	U	ug/l	0.15	J	ug/l
Lithium																								
Magnesium	3.7		mg/l				67000		ug/l	62000		ug/l	3500		ug/l	3200		ug/l	9100		ug/l	8000		ug/l
Manganese							8600		ug/l	8900		ug/l	65		ug/l	110		ug/l	5		ug/l	5.3	J	ug/l
Mercury							0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel							8.6		ug/l	7.2	J	ug/l	0.65		ug/l	5	U	ug/l	0.66		ug/l	5	U	ug/l
Potassium							6000		ug/l	6500		ug/l	700	U	ug/l	460	J	ug/l	700	U	ug/l	700	J	ug/l
Selenium							1	U	ug/l	0.21	U	ug/l	1	U	ug/l	0.21	U	ug/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver							0.03	U	ug/l	0.27	J	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.03	U	ug/l	0.22	U	ug/l
Sodium	2		mg/l				6600		ug/l	6100		ug/l	780		ug/l	760		ug/l	1000		ug/l	930		ug/l
Strontium																								
Sulfur																								
Thallium							0.5	U	ug/l	0.017	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.5	U	ug/l	0.12	U	ug/l
Titanium																								
Uranium																								
Vanadium							3	U	ug/l	2	U	ug/l	3	U	ug/l	2	U	ug/l	3	U	ug/l	2	U	ug/l
Zinc				3600		ug/l	9.2		ug/l	55	J	ug/l	110		ug/l	130	J	ug/l	3.9		ug/l	14	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM441			NM441			NM441			NM441			NM441			NM441			NM441			NM441		
Location Cross Ref.	NINE MILE			NINE MILE			NINE MILE			NINE MILE			NINE MILE			NINE MILE			NINE MILE			NINE MILE		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/LAUCKS		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	43 - 43			43 - 43			43 - 43			43 - 43			18 - 18			18 - 18			12 - 12			12 - 12		
Sample Number	49037			49037			49038			49038			49039			49039			49040			49040		
Sample Date	12/03/1998			12/03/1998			12/03/1998			12/03/1998			12/03/1998			12/03/1998			12/03/1998			12/03/1998		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	68	U	ug/l	70	J	ug/l	68	U	ug/l	85	J	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l	68	U	ug/l
Antimony	0.049	U	ug/l	0.14	U	ug/l	0.049	U	ug/l	0.14	U	ug/l	0.049	U	ug/l	0.12	U	ug/l	0.049	U	ug/l	0.12	U	ug/l
Arsenic	0.26	U	ug/l	0.25	J	ug/l	0.3	U	ug/l	0.22	J	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.33	U	ug/l	0.2	U	ug/l
Barium	65		ug/l	68		ug/l	60		ug/l	69		ug/l	66		ug/l	68		ug/l	64		ug/l	64		ug/l
Beryllium	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.28	U	ug/l	0.3	U	ug/l	0.28	U	ug/l
Cadmium	16	J	ug/l	18	J	ug/l	16	J	ug/l	19	J	ug/l	14	J	ug/l	14	J	ug/l	11	J	ug/l	14	J	ug/l
Calcium	30000		ug/l	31000		ug/l	29000		ug/l	30000		ug/l	27000		ug/l	26000		ug/l	25000		ug/l	25000		ug/l
Chromium	0.058	U	ug/l	0.23	U	ug/l	0.058	U	ug/l	0.29	U	ug/l	0.058	U	ug/l	0.22	U	ug/l	0.058	U	ug/l	0.2	U	ug/l
Cobalt	1.6	J	ug/l	0.35	U	ug/l	0.42	J	ug/l	0.52	J	ug/l	1.5	J	ug/l	0.23	U	ug/l	1.3	J	ug/l	0.2	U	ug/l
Copper	0.22	J	ug/l	1.1	J	ug/l	0.19	J	ug/l	7.6		ug/l	0.35	J	ug/l	0.89	J	ug/l	0.65	J	ug/l	0.9	J	ug/l
Cyanide																								
Iron	6.9	U	ug/l	90	J	ug/l	6.9	U	ug/l	120	J	ug/l	6.9	U	ug/l	13	J	ug/l	45	U	ug/l	6.9	U	ug/l
Lead	2.6		ug/l	5.7		ug/l	1.1	J	ug/l	4.3		ug/l	0.36	J	ug/l	1.8	J	ug/l	0.35	J	ug/l	2.3		ug/l
Lithium																								
Magnesium	3500		ug/l	3400		ug/l	3300		ug/l	3400		ug/l	3400		ug/l	3300		ug/l	3300		ug/l	3200		ug/l
Manganese	130		ug/l	140		ug/l	120		ug/l	130		ug/l	120		ug/l	120		ug/l	110		ug/l	100		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.25	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l	5.7	U	ug/l
Potassium	1600		ug/l	1600		ug/l	1500		ug/l	1600		ug/l	1500		ug/l	1500		ug/l	1500		ug/l	1400		ug/l
Selenium	0.45	J	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.39	J	ug/l	0.36	U	ug/l	0.65	J	ug/l	0.36	U	ug/l
Silicon																								
Silver	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l
Sodium	8000		ug/l	8000	J	ug/l	7500		ug/l	7800	J	ug/l	7200		ug/l	6800	J	ug/l	6500		ug/l	6500	J	ug/l
Strontium																								
Sulfur																								
Thallium	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.11	J	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l
Titanium																								
Uranium																								
Vanadium	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.3	J	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l	3.2	U	ug/l
Zinc	3500	J	ug/l	4700		ug/l	3600	J	ug/l	4700		ug/l	3400	J	ug/l	3400		ug/l	2800	J	ug/l	3200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM441			NM441			NM441			NM441			NM441			NM441			NM442			NM442		
Location Cross Ref.	NINE MILE			NINE MILE			NINE MILE			NINE MILE			NINE MILE			NINE MILE			NINE MILE			NINE MILE		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(11) URS/LAUCKS			(11) URS/LAUCKS		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	18 - 18			18 - 18			12 - 12			12 - 12			43 - 43			43 - 43			32 - 32			32 - 32		
Sample Number	49146			49146			61421			61421			61423			61423			49034			49034		
Sample Date	12/09/1998			12/09/1998			12/01/1999			12/01/1999			12/01/1999			12/01/1999			12/03/1998			12/03/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	570		ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	650		ug/l	3400		ug/l	3400	J	ug/l
Antimony	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	0.38	J	ug/l	0.54	U	ug/l
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1.4	U	ug/l	1.1	J	ug/l
Barium	52		ug/l	77		ug/l	82		ug/l	85		ug/l	110		ug/l	150		ug/l	48		ug/l	49		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1.2	U	ug/l	1.2		ug/l
Cadmium	7		ug/l	7.3		ug/l	11		ug/l	11		ug/l	2.4		ug/l	3.2		ug/l	940	J	ug/l	1000	J	ug/l
Calcium	14000		ug/l	14000		ug/l	16000		ug/l	16000		ug/l	62000		ug/l	62000		ug/l	31000		ug/l	31000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.058	U	ug/l	0.4	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	34		ug/l	34		ug/l
Copper	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	560		ug/l	570		ug/l
Cyanide																								
Iron	50	U	ug/l	410		ug/l	25	U	ug/l	25	U	ug/l	59	J	ug/l	750		ug/l	5100		ug/l	5100	J	ug/l
Lead	1	U	ug/l	2.8		ug/l	11		ug/l	0.76	J	ug/l	0.5	U	ug/l	9.5		ug/l	2800	J	ug/l	3100		ug/l
Lithium																								
Magnesium	2500		ug/l	2700		ug/l	2900		ug/l	3000		ug/l	14000		ug/l	14000		ug/l	4500		ug/l	4400		ug/l
Manganese	72		ug/l	88		ug/l	7.5	J	ug/l	7.3	J	ug/l	570		ug/l	1300		ug/l	1500		ug/l	1400		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	24		ug/l	12	J	ug/l
Potassium	970		ug/l	1200		ug/l	1300		ug/l	1400		ug/l	3800		ug/l	4000		ug/l	1400		ug/l	1400		ug/l
Selenium	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	3.2		ug/l	3.1		ug/l
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l
Sodium	4500		ug/l	4500		ug/l	3100		ug/l	3100		ug/l	7300		ug/l	7400		ug/l	2200		ug/l	2200	J	ug/l
Strontium																								
Sulfur																								
Thallium	1	U	ug/l	1	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.03	U	ug/l	0.14	J	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	U	ug/l	3.2	U	ug/l
Zinc	1700		ug/l	1700		ug/l	2600		ug/l	2700		ug/l	730		ug/l	850		ug/l	120000	J	ug/l	150000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM442		NM442		NM442		NM442		NM442		NM442		NM442		NM442	
Location Cross Ref.	NINE MILE		NINE MILE		NINE MILE		NINE MILE		NINE MILE		NINE MILE		NINE MILE		NINE MILE	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/LAUCKS		(11) URS/SWRI		(11) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	15 - 15		15 - 15		9 - 9		9 - 9		16 - 16		16 - 16		9 - 9		9 - 9	
Sample Number	49035		49035		49036		49036		48916		48916		61400		61400	
Sample Date	12/03/1998		12/03/1998		12/03/1998		12/03/1998		12/09/1998		12/09/1998		12/06/1999		12/06/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	3000	ug/l	3100 J	ug/l	2100	ug/l	1900 J	ug/l	250	ug/l	230	ug/l	470	ug/l	480	ug/l
Antimony	0.33 J	ug/l	0.52 U	ug/l	0.34 J	ug/l	0.81 J	ug/l	1 U	ug/l	1 U	ug/l	2 U	ug/l	2 U	ug/l
Arsenic	1.4 U	ug/l	1 J	ug/l	1.1 U	ug/l	0.97 J	ug/l	1 U	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 J	ug/l
Barium	49	ug/l	50	ug/l	54	ug/l	55	ug/l	77	ug/l	76	ug/l	48	ug/l	44	ug/l
Beryllium	1.1 U	ug/l	1.4	ug/l	0.8 U	ug/l	0.7 J	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	910 J	ug/l	940 J	ug/l	750 J	ug/l	770 J	ug/l	570 J	ug/l	570	ug/l	680	ug/l	750	ug/l
Calcium	29000	ug/l	30000	ug/l	29000	ug/l	29000	ug/l	25000 J	ug/l	25000	ug/l	29000	ug/l	31000	ug/l
Chromium	0.058 U	ug/l	0.22 U	ug/l	0.058 U	ug/l	0.22 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	31	ug/l	31	ug/l	26	ug/l	24	ug/l	17	ug/l	18	ug/l	21	ug/l	22	ug/l
Copper	530	ug/l	520	ug/l	350	ug/l	330	ug/l	76	ug/l	74	ug/l	130	ug/l	140	ug/l
Cyanide																
Iron	4700	ug/l	4700 J	ug/l	3200	ug/l	2900 J	ug/l	1100	ug/l	1100	ug/l	1500	ug/l	1600	ug/l
Lead	2700 J	ug/l	3000	ug/l	2800 J	ug/l	3200	ug/l	3100 J	ug/l	3200	ug/l	3600	ug/l	3600	ug/l
Lithium																
Magnesium	4300	ug/l	4300	ug/l	4100	ug/l	4100	ug/l	3700 J	ug/l	3800	ug/l	4100	ug/l	4400	ug/l
Manganese	1400	ug/l	1400	ug/l	1200	ug/l	1200	ug/l	1500	ug/l	1500	ug/l	1400	ug/l	1500	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.5	ug/l	0.53	ug/l
Molybdenum																
Nickel	17 J	ug/l	12 J	ug/l	21	ug/l	11 J	ug/l	10 J	ug/l	10 J	ug/l	11 J	ug/l	12 J	ug/l
Potassium	1300	ug/l	1400	ug/l	1400	ug/l	1600	ug/l	1300	ug/l	1300	ug/l	1400	ug/l	1400	ug/l
Selenium	3.4	ug/l	3.1	ug/l	2.5 J	ug/l	2.4 J	ug/l	5.8	ug/l	5.6 J	ug/l	5.9 UJ	ug/l	6.1 J	ug/l
Silicon																
Silver	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	2200	ug/l	2200 J	ug/l	2100	ug/l	2200 J	ug/l	9800 J	ug/l	9800	ug/l	2400	ug/l	2400	ug/l
Strontium																
Sulfur																
Thallium	0.03 U	ug/l	0.15 J	ug/l	0.03 U	ug/l	0.2 J	ug/l	1 U	ug/l	1 U	ug/l	0.5 U	ug/l	0.5 U	ug/l
Titanium																
Uranium																
Vanadium	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	3.2 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	110000 J	ug/l	140000	ug/l	90000 J	ug/l	100000	ug/l	82000 J	ug/l	83000	ug/l	110000	ug/l	120000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM442		NM442		NM442		NM442		NM443		NM443		NM443		NM443	
Location Cross Ref.	NINE MILE		NINE MILE		NINE MILE		NINE MILE		BTW. EF/WF CONFLU		BTW. EF/WF CONFLU		BTW. EF/WF CONFLU		BTW. EF/WF CONFLU	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(23) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	32 - 32		32 - 32		32 - 32		32 - 32		-		-		-		-	
Sample Number	61401		61401		61459		61459		49151		49151		49098		49098	
Sample Date	12/06/1999		12/06/1999		12/06/1999		12/06/1999		12/06/1998		12/06/1998		12/09/1998		12/09/1998	
Sample Type	Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	430	ug/l	420	ug/l	410	ug/l	390	ug/l	50 U	ug/l	180	ug/l	50 U	ug/l	140	ug/l
Antimony	2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Arsenic	1 J	ug/l	1 U	ug/l	1 U	ug/l	1 UJ	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Barium	48	ug/l	50	ug/l	48	ug/l	49	ug/l	46	ug/l	48	ug/l	47	ug/l	48	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	670	ug/l	650	ug/l	640	ug/l	640	ug/l	54	ug/l	53	ug/l	50	ug/l	51	ug/l
Calcium	29000	ug/l	29000	ug/l	29000	ug/l	29000	ug/l	21000	ug/l	21000	ug/l	22000	ug/l	22000	ug/l
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	20	ug/l	20	ug/l	20	ug/l	19	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	130	ug/l	120	ug/l	130	ug/l	120	ug/l	5 U	ug/l	6.2	ug/l	5 U	ug/l	5.3	ug/l
Cyanide																
Iron	1100	ug/l	1200	ug/l	1100	ug/l	1200	ug/l	50 U	ug/l	81 J	ug/l	50 U	ug/l	51 J	ug/l
Lead	3500	ug/l	3500	ug/l	3400	ug/l	3500	ug/l	90	ug/l	140	ug/l	82	ug/l	110	ug/l
Lithium																
Magnesium	4100	ug/l	4100	ug/l	4100	ug/l	4100	ug/l	5400	ug/l	5600	ug/l	5900	ug/l	5900	ug/l
Manganese	1400	ug/l	1400	ug/l	1400	ug/l	1400	ug/l	140	ug/l	140	ug/l	120	ug/l	120	ug/l
Mercury	0.51	ug/l	0.94	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	10 J	ug/l	10 J	ug/l	10 J	ug/l	11 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	1600	ug/l	1500	ug/l	1400	ug/l	1500	ug/l	980	ug/l	970	ug/l	920	ug/l	910	ug/l
Selenium	5.8 J	ug/l	5.4	ug/l	5.7	ug/l	5.8 J	ug/l	1 U	ug/l	1 U	ug/l	1.1 J	ug/l	1 U	ug/l
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	2500	ug/l	2400	ug/l	2300	ug/l	2300	ug/l	3300	ug/l	3200	ug/l	3300	ug/l	3200	ug/l
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	110000	ug/l	100000	ug/l	110000	ug/l	100000	ug/l	9800	ug/l	10000	ug/l	9300	ug/l	9200	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM443			NM443			NM443			NM443			NM445			NM445			NM448			NM448		
Location Cross Ref.	BTW. EF/WF CONFLU			BTW. EF/WF CONFLU			BTW. EF/WF CONFLU			BTW. EF/WF CONFLU									DAYROCK MILLSITE			DAYROCK MILLSITE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	61407			61407			61422			61422			49096			49096			49152			49152		
Sample Date	12/01/1999			12/01/1999			12/01/1999			12/01/1999			12/09/1998			12/09/1998			12/06/1998			12/06/1998		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	120		ug/l	50	U	ug/l	140		ug/l	50	U	ug/l	140		ug/l	50	U	ug/l	140		ug/l
Antimony	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Barium	32		ug/l	38		ug/l	32		ug/l	40		ug/l	50		ug/l	51		ug/l	47		ug/l	49		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	43		ug/l	31		ug/l	44		ug/l	31		ug/l	51		ug/l	51		ug/l	53		ug/l	52		ug/l
Calcium	12000		ug/l	17000		ug/l	12000		ug/l	17000		ug/l	25000		ug/l	24000		ug/l	21000		ug/l	22000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	5.1		ug/l	5	U	ug/l	5.4		ug/l	5.5		ug/l	5	U	ug/l	9.7		ug/l	5	U	ug/l	6.3		ug/l
Cyanide																								
Iron	25	U	ug/l	35	J	ug/l	25	U	ug/l	41	J	ug/l	50	U	ug/l	100	J	ug/l	50	U	ug/l	82	J	ug/l
Lead	78		ug/l	71		ug/l	81		ug/l	76		ug/l	66		ug/l	120		ug/l	88		ug/l	130		ug/l
Lithium																								
Magnesium	2200		ug/l	4600		ug/l	2200		ug/l	4900		ug/l	6700		ug/l	6600		ug/l	5700		ug/l	5900		ug/l
Manganese	74		ug/l	63		ug/l	73		ug/l	66		ug/l	160		ug/l	160		ug/l	140		ug/l	140		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium	790		ug/l	750		ug/l	730	J	ug/l	860		ug/l	1100		ug/l	1100		ug/l	1000		ug/l	1000		ug/l
Selenium	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	2600		ug/l	2100		ug/l	2600		ug/l	2100		ug/l	3400		ug/l	3300		ug/l	3300		ug/l	3200		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	7700		ug/l	5500		ug/l	7800		ug/l	5600		ug/l	9300		ug/l	9200		ug/l	9600		ug/l	9700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM450			NM450			NM450			NM450			NM450			NM450			NM450			NM450		
Location Cross Ref.	DAYROCK			DAYROCK			DAYROCK			DAYROCK			DAYROCK			DAYROCK			DAYROCK			DAYROCK		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	48908			48908			48908			48908			48908			48908			48908			48908		
Sample Date	12/06/1998			12/06/1998			12/06/1998			12/06/1998			12/06/1998			12/06/1998			12/06/1998			12/06/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				50	U	ug/l										130		ug/l						
Antimony							1	U	ug/l										1	U	ug/l			
Arsenic							1	U	ug/l										1	U	ug/l			
Barium				49		ug/l										49		ug/l						
Beryllium				1	U	ug/l										1	U	ug/l						
Cadmium				56		ug/l										56		ug/l						
Calcium				23000		ug/l										23000		ug/l						
Chromium				5	U	ug/l										5	U	ug/l						
Cobalt				5	U	ug/l										5	U	ug/l						
Copper				5	U	ug/l										5.2		ug/l						
Cyanide																								
Iron				58	J	ug/l										89	J	ug/l						
Lead							90		ug/l										120		ug/l			
Lithium																								
Magnesium				6300		ug/l										6400		ug/l						
Manganese				170		ug/l										170		ug/l						
Mercury	0.2	U	ug/l										0.2	U	ug/l									
Molybdenum																								
Nickel				5	U	ug/l										5	U	ug/l						
Potassium										1000		ug/l										1000		ug/l
Selenium							1	U	ug/l										1	U	ug/l			
Silicon																								
Silver				5	U	ug/l										5	U	ug/l						
Sodium										3200		ug/l										3200		ug/l
Strontium																								
Sulfur																								
Thallium							1	U	ug/l										1	U	ug/l			
Titanium																								
Uranium																								
Vanadium				5	U	ug/l										5	U	ug/l						
Zinc				9800		ug/l																		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM452			NM452			NM458			NM458			NM458			NM458			NM458			NM458		
Location Cross Ref.	DAYROCK			DAYROCK			NINEMILE			NINEMILE			NINEMILE			NINEMILE			NINEMILE			NINEMILE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	48909			48909			49154			49154			49097			49097			61434			61434		
Sample Date	12/06/1998			12/06/1998			12/06/1998			12/06/1998			12/09/1998			12/09/1998			12/01/1999			12/01/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	170		ug/l	50	U	ug/l	69	J	ug/l	50	U	ug/l	72	J	ug/l	50	U	ug/l	73	J	ug/l
Antimony	2	J	ug/l	1.1	J	ug/l	1.1	J	ug/l	1.1	J	ug/l	1.2	J	ug/l	1.2	J	ug/l	2	U	ug/l	2	U	ug/l
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Barium	49		ug/l	50		ug/l	54		ug/l	56		ug/l	55		ug/l	55		ug/l	47		ug/l	48		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	52		ug/l	51		ug/l	38		ug/l	38		ug/l	38		ug/l	39		ug/l	27		ug/l	27		ug/l
Calcium	23000		ug/l	23000		ug/l	23000		ug/l	23000		ug/l	23000		ug/l	23000		ug/l	19000		ug/l	20000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	5	U	ug/l	6.7		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cyanide																								
Iron	50	U	ug/l	170		ug/l	50	U	ug/l	62	J	ug/l	50	U	ug/l	50	U	ug/l	25	U	ug/l	37	J	ug/l
Lead	83		ug/l	150		ug/l	57		ug/l	80		ug/l	53		ug/l	73		ug/l	41		ug/l	59		ug/l
Lithium																								
Magnesium	6300		ug/l	6400		ug/l	5900		ug/l	6000		ug/l	6100		ug/l	6100		ug/l	5100		ug/l	5100		ug/l
Manganese	180		ug/l	180		ug/l	100		ug/l	110		ug/l	95		ug/l	95		ug/l	67		ug/l	68		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium	1100		ug/l	1100		ug/l	1200		ug/l	1200		ug/l	1100		ug/l	1100		ug/l	1000		ug/l	1000		ug/l
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	3200		ug/l	3300		ug/l	2900		ug/l	2900		ug/l	2800		ug/l	2900		ug/l	2000		ug/l	2000		ug/l
Strontium																								
Sulfur																								
Thallium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.5	U	ug/l	0.5	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	9300		ug/l	9400		ug/l	7000		ug/l	7000		ug/l	7000		ug/l	6900		ug/l	4600		ug/l	4800		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM459			NM459			NM459			NM459			NM459			NM459			NM459			NM459		
Location Cross Ref.	NINEMILE			NINEMILE			NINEMILE			NINEMILE			NINEMILE			NINEMILE			NINEMILE			NINEMILE		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	12.4 - 12.4			12.4 - 12.4			12.4 - 12.4			12.4 - 12.4			12.4 - 12.4			12.4 - 12.4			12.4 - 12.4			12.4 - 12.4		
Sample Number	49101			49101			49101			49101			49101			49101			49101			49101		
Sample Date	12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				50	U	ug/l										50	U	ug/l						
Antimony							1	U	ug/l										1	U	ug/l			
Arsenic							1	U	ug/l										1	U	ug/l			
Barium				30		ug/l										27		ug/l						
Beryllium				1	U	ug/l										1	U	ug/l						
Cadmium				8.3		ug/l										7		ug/l						
Calcium				32000		ug/l										37000		ug/l						
Chromium				5	U	ug/l										5	U	ug/l						
Cobalt				5	U	ug/l										5	U	ug/l						
Copper				5	U	ug/l										5	U	ug/l						
Cyanide																								
Iron				50	U	ug/l										50	U	ug/l						
Lead							1	U	ug/l										1	U	ug/l			
Lithium																								
Magnesium				5400		ug/l										5700		ug/l						
Manganese				19		ug/l										15		ug/l						
Mercury	0.2	U	ug/l										0.2	U	ug/l									
Molybdenum																								
Nickel				5	U	ug/l										5	U	ug/l						
Potassium										960		ug/l										930		ug/l
Selenium							1	U	ug/l										1	U	ug/l			
Silicon																								
Silver				5	U	ug/l										5	U	ug/l						
Sodium										2500		ug/l										2400		ug/l
Strontium																								
Sulfur																								
Thallium							1	U	ug/l										1	U	ug/l			
Titanium																								
Uranium																								
Vanadium				5	U	ug/l										5	U	ug/l						
Zinc				1900		ug/l										1700		ug/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM459	NM459	NM459	NM459	NM459	NM459	NM459	NM459
Location Cross Ref.	NINEMILE	NINEMILE	NINEMILE	NINEMILE	NINEMILE	NINEMILE	NINEMILE	NINEMILE
Location Type	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well
(Ref) Source/Lab	(11) URS/SWRI	(11) URS/SWRI	(11) URS/SWRI	(11) URS/SWRI	(11) URS/SWRI	(11) URS/SWRI	(11) URS/SWRI	(11) URS/SWRI
Matrix Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Range in Ft.	6.4 - 6.4	6.4 - 6.4	6.4 - 6.4	6.4 - 6.4	6.4 - 6.4	6.4 - 6.4	6.4 - 6.4	6.4 - 6.4
Sample Number	49102	49102	49102	49102	49102	49102	49102	49102
Sample Date	12/02/1998	12/02/1998	12/02/1998	12/02/1998	12/02/1998	12/02/1998	12/02/1998	12/02/1998
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	DIN-CLP-LOW	DIN-CLP-LOW	DIN-CLP-LOW	DIN-CLP-LOW	IN-CLP-LOW	IN-CLP-LOW	IN-CLP-LOW	IN-CLP-LOW
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum		50 U ug/l						50 U ug/l
Antimony			1 U ug/l			1 U ug/l		
Arsenic			1 U ug/l			1 U ug/l		
Barium		27 ug/l						26 ug/l
Beryllium		1 U ug/l						1 U ug/l
Cadmium		7.3 ug/l						5.9 ug/l
Calcium		36000 ug/l						38000 ug/l
Chromium		5 U ug/l						5 U ug/l
Cobalt		5 U ug/l						5 U ug/l
Copper		5 U ug/l						5 U ug/l
Cyanide								
Iron		50 U ug/l						50 U ug/l
Lead			1 U ug/l			1 U ug/l		
Lithium								
Magnesium		5600 ug/l						5600 ug/l
Manganese		15 ug/l						14 ug/l
Mercury	0.2 U ug/l				0.2 U ug/l			
Molybdenum								
Nickel		5 U ug/l						5 U ug/l
Potassium				920 ug/l			930 ug/l	
Selenium			1 U ug/l			1 U ug/l		
Silicon								
Silver		5 U ug/l						5 U ug/l
Sodium				2400 ug/l			2500 ug/l	
Strontium								
Sulfur								
Thallium			1 U ug/l			1 U ug/l		
Titanium								
Uranium								
Vanadium		5 U ug/l						5 U ug/l
Zinc		1700 ug/l						1400 ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM459			NM459			NM459			NM459			NM459			NM459			NM459			NM459		
Location Cross Ref.	NINEMILE			NINEMILE			NINEMILE			NINEMILE			NINEMILE			NINEMILE			NINEMILE			NINEMILE		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	6.4 - 6.4			6.4 - 6.4			6.4 - 6.4			6.4 - 6.4			6.4 - 6.4			6.4 - 6.4			6.4 - 6.4			6.4 - 6.4		
Sample Number	49103			49103			49103			49103			49103			49103			49103			49103		
Sample Date	12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998		
Sample Type	Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate		
Analytical Method	DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				50	U	ug/l										50	U	ug/l						
Antimony							1	U	ug/l										1	U	ug/l			
Arsenic							1	U	ug/l										1	U	ug/l			
Barium				24		ug/l										26		ug/l						
Beryllium				1	U	ug/l										1	U	ug/l						
Cadmium				6.4		ug/l										5.9		ug/l						
Calcium				39000		ug/l										39000		ug/l						
Chromium				5	U	ug/l										5	U	ug/l						
Cobalt				5	U	ug/l										5	U	ug/l						
Copper				5	U	ug/l										5	U	ug/l						
Cyanide																								
Iron				50	U	ug/l										50	U	ug/l						
Lead							1	U	ug/l										1	U	ug/l			
Lithium																								
Magnesium				5600		ug/l										5800		ug/l						
Manganese				6.5	J	ug/l										14		ug/l						
Mercury	0.2	U	ug/l										0.2	U	ug/l									
Molybdenum																								
Nickel				13	J	ug/l										5	U	ug/l						
Potassium										830		ug/l										930		ug/l
Selenium							1	U	ug/l										1	U	ug/l			
Silicon																								
Silver				5	U	ug/l										5	U	ug/l						
Sodium										2100		ug/l										2400		ug/l
Strontium																								
Sulfur																								
Thallium							1	U	ug/l										1	U	ug/l			
Titanium																								
Uranium																								
Vanadium				5	U	ug/l										5	U	ug/l						
Zinc				1400		ug/l										1500		ug/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM459			NM459			NM459			NM459			NM460			NM460			NM460			NM460		
Location Cross Ref.	NINEMILE			NINEMILE			NINEMILE			NINEMILE			MOUTH OF NINEMILE			MOUTH OF NINEMILE			MOUTH OF NINEMILE			MOUTH OF NINEMILE		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	13 - 13			13 - 13			6.4 - 6.4			6.4 - 6.4			31 - 31			31 - 31			31 - 31			31 - 31		
Sample Number	48917			48917			61429			61429			49031			49031			49031			49031		
Sample Date	12/09/1998			12/09/1998			12/01/1999			12/01/1999			12/02/1998			12/02/1998			12/02/1998			12/02/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l				50	U	ug/l						
Antimony	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l							1	U	ug/l			
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l							1	U	ug/l			
Barium	22		ug/l	22		ug/l	26		ug/l	27		ug/l				15	J	ug/l						
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l				1	U	ug/l						
Cadmium	5		ug/l	4.8		ug/l	8.3		ug/l	8.2		ug/l				1	U	ug/l						
Calcium	42000		ug/l	42000		ug/l	45000		ug/l	46000		ug/l				63000		ug/l						
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l				5	U	ug/l						
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l				5	U	ug/l						
Copper	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l				5	U	ug/l						
Cyanide																								
Iron	50	U	ug/l	50	U	ug/l	25	U	ug/l	25	U	ug/l				50	U	ug/l						
Lead	1	U	ug/l	1	U	ug/l	0.5	U	ug/l	0.5	U	ug/l							1	U	ug/l			
Lithium																								
Magnesium	5800		ug/l	5800		ug/l	6000		ug/l	6400		ug/l				6600		ug/l						
Manganese	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l				5	U	ug/l						
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l									
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l				5	U	ug/l						
Potassium	750		ug/l	760		ug/l	890		ug/l	810		ug/l										760		ug/l
Selenium	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l							1	U	ug/l			
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l				5	U	ug/l						
Sodium	2100		ug/l	2200		ug/l	2000		ug/l	1900		ug/l										2900		ug/l
Strontium																								
Sulfur																								
Thallium	1	U	ug/l	1	U	ug/l	0.5	U	ug/l	0.5	U	ug/l							1	U	ug/l			
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l				5	U	ug/l						
Zinc	1300		ug/l	1200		ug/l	1800		ug/l	1900		ug/l				39		ug/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM460			NM460			NM460			NM460			NM460			NM460			NM460			NM460		
Location Cross Ref.	MOUTH OF NINEMILE			MOUTH OF NINEMILE			MOUTH OF NINEMILE			MOUTH OF NINEMILE			MOUTH OF NINEMILE			MOUTH OF NINEMILE			MOUTH OF NINEMILE			MOUTH OF NINEMILE		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	31 - 31			31 - 31			31 - 31			31 - 31			8 - 8			8 - 8			8 - 8			8 - 8		
Sample Number	49031			49031			49031			49031			49032			49032			49032			49032		
Sample Date	12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				64	J	ug/l										50	U	ug/l						
Antimony							1	U	ug/l										1	U	ug/l			
Arsenic							1	U	ug/l										1	U	ug/l			
Barium				17	J	ug/l										16	J	ug/l						
Beryllium				1	U	ug/l										1	U	ug/l						
Cadmium				1	U	ug/l										1	U	ug/l						
Calcium				65000		ug/l										64000		ug/l						
Chromium				5	U	ug/l										5	U	ug/l						
Cobalt				5	U	ug/l										5	U	ug/l						
Copper				5	U	ug/l										5	U	ug/l						
Cyanide																								
Iron				50	U	ug/l										50	U	ug/l						
Lead							1.1	J	ug/l										1	U	ug/l			
Lithium																								
Magnesium				6800		ug/l										6700		ug/l						
Manganese				5	U	ug/l										5.5	J	ug/l						
Mercury	0.2	U	ug/l										0.2	U	ug/l									
Molybdenum																								
Nickel				5	U	ug/l										5	U	ug/l						
Potassium										770		ug/l										780		ug/l
Selenium							1	U	ug/l										1	U	ug/l			
Silicon																								
Silver				5	U	ug/l										5	U	ug/l						
Sodium										3000		ug/l										2700		ug/l
Strontium																								
Sulfur																								
Thallium							1	U	ug/l										1	U	ug/l			
Titanium																								
Uranium																								
Vanadium				5	U	ug/l										5	U	ug/l						
Zinc				60		ug/l										45		ug/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM460			NM460			NM460			NM460			NM460			NM460			NM460			NM460		
Location Cross Ref.	MOUTH OF NINEMILE			MOUTH OF NINEMILE			MOUTH OF NINEMILE			MOUTH OF NINEMILE			MOUTH OF NINEMILE			MOUTH OF NINEMILE			MOUTH OF NINEMILE			MOUTH OF NINEMILE		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	8 - 8			8 - 8			8 - 8			8 - 8			2 - 2			2 - 2			2 - 2			2 - 2		
Sample Number	49032			49032			49032			49032			49033			49033			49033			49033		
Sample Date	12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				50	U	ug/l										50	U	ug/l						
Antimony							1	U	ug/l										1	U	ug/l			
Arsenic							1	U	ug/l										1	U	ug/l			
Barium				16	J	ug/l										18	J	ug/l						
Beryllium				1	U	ug/l										1	U	ug/l						
Cadmium				1	U	ug/l										1	U	ug/l						
Calcium				66000		ug/l										65000		ug/l						
Chromium				5	U	ug/l										5	U	ug/l						
Cobalt				5	U	ug/l										5	U	ug/l						
Copper				5	U	ug/l										5	U	ug/l						
Cyanide																								
Iron				50	U	ug/l										50	U	ug/l						
Lead							1	U	ug/l										1	U	ug/l			
Lithium																								
Magnesium				6900		ug/l										6800		ug/l						
Manganese				5	U	ug/l										6	J	ug/l						
Mercury	0.2	U	ug/l										0.2	U	ug/l									
Molybdenum																								
Nickel				5	U	ug/l										5	U	ug/l						
Potassium										750		ug/l										710	J	ug/l
Selenium							1	U	ug/l										1	U	ug/l			
Silicon																								
Silver				5	U	ug/l										5	U	ug/l						
Sodium										2600		ug/l										3600		ug/l
Strontium																								
Sulfur																								
Thallium							1	U	ug/l										1	U	ug/l			
Titanium																								
Uranium																								
Vanadium				5	U	ug/l										5	U	ug/l						
Zinc				46		ug/l										55		ug/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Nine Mile Creek - segment NmSeg04

Site Location	NM460	NM460	NM460	NM460	NM460	NM460	NM8105	NM8105
Location Cross Ref.	MOUTH OF NINEMILE	MOUTH OF NINEMILE	MOUTH OF NINEMILE	MOUTH OF NINEMILE	MOUTH OF NINEMILE	MOUTH OF NINEMILE	B7169712	B7169712
Location Type	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	Monitoring Well	River/Stream	River/Stream
(Ref) Source/Lab	(11) URS/SWRI	(11) URS/SWRI	(11) URS/SWRI	(11) URS/SWRI	(23) URS/SWRI	(23) URS/SWRI	(13) IGS/OTHER	(13) IGS/OTHER
Matrix Type	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Surface Water	Surface Water
Depth Range in Ft.	2 - 2	2 - 2	2 - 2	2 - 2	7 - 7	7 - 7	0 - 0	0 - 0
Sample Number	49033	49033	49033	49033	61428	61428	187856	187856
Sample Date	12/02/1998	12/02/1998	12/02/1998	12/02/1998	12/01/1999	12/01/1999	*	*
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	IN-CLP-LOW	IN-CLP-LOW	IN-CLP-LOW	IN-CLP-LOW	DIN-CLP-LOW	IN-CLP-LOW	6010	D6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum		65 J ug/l			50 U ug/l	50 U ug/l		0.089 U mg/l
Antimony			1 U ug/l		2 U ug/l	2 U ug/l		
Arsenic			1 U ug/l		1 U ug/l	1 U ug/l		
Barium		19 J ug/l			12 J ug/l	12 J ug/l	0.022 mg/l	0.02 mg/l
Beryllium		1 U ug/l			1 U ug/l	1 U ug/l		
Cadmium		1 U ug/l			0.5 U ug/l	0.5 U ug/l	0.022 mg/l	0.018 mg/l
Calcium		66000 ug/l			58000 ug/l	58000 ug/l		
Chromium		5 U ug/l			5 U ug/l	5 U ug/l	0.018 mg/l	0.008 mg/l
Cobalt		5 U ug/l			5 U ug/l	5 U ug/l		
Copper		5 U ug/l			5 U ug/l	5 U ug/l	0.035 U mg/l	0.0084 U mg/l
Cyanide								
Iron		50 U ug/l			25 U ug/l	25 U ug/l	0.012 U mg/l	0.0037 U mg/l
Lead			1.1 J ug/l		0.5 U ug/l	0.5 U ug/l		
Lithium								
Magnesium		7000 ug/l			6200 ug/l	6200 ug/l		
Manganese		5 U ug/l			5 U ug/l	5 U ug/l	0.038 mg/l	0.031 mg/l
Mercury	0.2 U ug/l				0.2 U ug/l	0.2 U ug/l		
Molybdenum								
Nickel		5 U ug/l			5 U ug/l	5 U ug/l	0.03 mg/l	0.007 U mg/l
Potassium				710 J ug/l	650 J ug/l	490 J ug/l		
Selenium			1 U ug/l		2 U ug/l	2 U ug/l		
Silicon								
Silver		5 U ug/l			5 U ug/l	5 U ug/l		
Sodium				3600 ug/l	2300 ug/l	2200 ug/l		
Strontium								
Sulfur								
Thallium			1 U ug/l		0.5 U ug/l	0.5 U ug/l		
Titanium								
Uranium								
Vanadium		5 U ug/l			5 U ug/l	5 U ug/l		
Zinc		62 ug/l			25 ug/l	24 ug/l	3 mg/l	2.9 mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC306			PC306			PC306			PC306			PC306			PC306			PC306	
Location Cross Ref.	PC306			PC306			PC306			PC306			PC306			PC306			PC306	
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream	
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168507			168507			168521			168521			46318			46318			186980			186980		
Sample Date	11/13/1997			11/13/1997			11/13/1997			11/13/1997			05/16/1998			05/16/1998			05/23/1999			05/23/1999		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	36	U	ug/l	20	U	ug/l	46	U	ug/l	0.0074	J	mg/l	0.0027	J	mg/l						
Antimony	0.5	U	ug/l	0.05	U	ug/l	0.5	U	ug/l	0.05	U	ug/l	0.0002	U	mg/l									
Arsenic	0.1	U	ug/l	0.16	U	ug/l	0.1	U	ug/l	0.17		ug/l	0.0002	U	mg/l	0.0002	U	mg/l						
Barium	6.1		ug/l	6.6	J	ug/l	6.5		ug/l	6.1	J	ug/l	0.0053	J	mg/l	0.0054	J	mg/l						
Beryllium	1	U	ug/l	0.35	U	ug/l	1	U	ug/l	0.35	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l						
Cadmium	0.04	U	ug/l	0.069	U	ug/l	0.04	U	ug/l	0.069	U	ug/l										1	U	ug/l
Calcium	2300		ug/l	2300		ug/l	2400		ug/l	2300		ug/l	2	J	mg/l	2	J	mg/l				1300		ug/l
Chromium	5	U	ug/l	6	U	ug/l	5	U	ug/l	6	U	ug/l	0.0004	U	mg/l	0.0004	U	mg/l						
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l												
Copper	0.5	U	ug/l	0.06	U	ug/l	0.5	U	ug/l	0.06	U	ug/l	0.0004	U	mg/l	0.0004	U	mg/l						
Cyanide																								
Iron	10	U	ug/l	5	U	ug/l	10	U	ug/l	5	U	ug/l	0.022	U	mg/l	0.015	UJ	mg/l						
Lead	0.1	U	ug/l	0.026	U	ug/l	0.1	U	ug/l	0.13	J	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	1		ug/l	1	U	ug/l
Lithium																								
Magnesium	660		ug/l	630		ug/l	670		ug/l	620		ug/l	0.59	J	mg/l	0.55	J	mg/l				360		ug/l
Manganese	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.0004	U	mg/l	0.0065	J	mg/l	2		ug/l	1	U	ug/l
Mercury	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.0002	U	mg/l	0.0002	UJ	mg/l						
Molybdenum																								
Nickel	0.3	U	ug/l	5	U	ug/l	0.3	U	ug/l	5	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l						
Potassium	700	U	ug/l	270	J	ug/l	940		ug/l	330	J	ug/l	1.6	U	mg/l	1.6	U	mg/l						
Selenium	1	U	ug/l	0.21	U	ug/l	1	U	ug/l	0.21	U	ug/l	0.0013	U	mg/l	0.0013	U	mg/l						
Silicon																								
Silver	0.03	U	ug/l	0.22	U	ug/l	0.03	U	ug/l	0.22	U	ug/l												
Sodium	870		ug/l	840		ug/l	840		ug/l	880		ug/l	0.69	J	mg/l	0.71	J	mg/l				660		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.017	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l						
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l	3	U	ug/l	2	U	ug/l	0.0001	U	mg/l	0.0002	U	mg/l						
Zinc	2	U	ug/l	9.3	U	ug/l	2	U	ug/l	9.6	U	ug/l	0.0011	U	mg/l	0.0019	UJ	mg/l				3.9		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC306			PC306			PC307			PC307			PC307			PC307			PC307			PC307		
Location Cross Ref.	PC306			PC306			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186980			186980			174106			174106			174107			174107			174108			174108		
Sample Date	05/23/1999			05/23/1999			10/29/1993			10/29/1993			12/01/1993			12/01/1993			12/21/1993			12/21/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium							3		ug/l	3.1		ug/l	2.9		ug/l	2.9		ug/l	2.8		ug/l	2.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron	20	U	ug/l	10	U	ug/l																		
Lead							7		ug/l	3	J	ug/l	6		ug/l	1.5	U	ug/l	2.5	U	ug/l	5		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							1300		ug/l	1300		ug/l	1300		ug/l	1200		ug/l	1200		ug/l	1200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC307			PC307			PC307			PC307			PC307			PC307			PC307			PC307		
Location Cross Ref.	PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174109			174109			174110			174110			174111			174111			174112			174112		
Sample Date	01/21/1994			01/21/1994			02/17/1994			02/17/1994			03/08/1994			03/08/1994			03/23/1994			03/23/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.9		ug/l	3.1		ug/l	2.6		ug/l	2.8		ug/l	2.1		ug/l	2.2		ug/l	2.4		ug/l	2.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	10		ug/l	1.5	U	ug/l	5	J	ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1200		ug/l	1100		ug/l	1200		ug/l	1300		ug/l	940		ug/l	960		ug/l	960		ug/l	970		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC307		PC307		PC307		PC307		PC307		PC307		PC307		PC307		PC307	
Location Cross Ref.	PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-		-	
Sample Number	174113		174113		174114		174114		174115		174115		174116		174116		174116	
Sample Date	04/08/1994		04/08/1994		04/18/1994		04/18/1994		05/06/1994		05/06/1994		05/20/1994		05/20/1994		05/20/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	2.1	ug/l	2.2	ug/l	1.9	ug/l	1.8	ug/l	2.3	ug/l	2.5	ug/l	2.5	ug/l	2.3	ug/l		
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	2.5 U	ug/l	3 J	ug/l	10	ug/l	1.5 U	ug/l	2.5 U	ug/l	3 J	ug/l	2.5 U	ug/l	1.5 U	ug/l		
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	890	ug/l	950	ug/l	590	ug/l	580	ug/l	770	ug/l	790	ug/l	810	ug/l	820	ug/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC307		PC307		PC307		PC307		PC307		PC307		PC307		PC307		PC307	
Location Cross Ref.	PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-		-	
Sample Number	174117		174117		174118		174118		174119		174119		174120		174120		174120	
Sample Date	06/09/1994		06/09/1994		06/24/1994		06/24/1994		07/22/1994		07/22/1994		08/18/1994		08/18/1994		08/18/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	2.8	ug/l	3.2	ug/l	3.3	ug/l	3.5	ug/l	3.2	ug/l	3.2	ug/l	2.9	ug/l	3	ug/l		
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	4	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	2.5 J	ug/l		
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	1000	ug/l	1000	ug/l	1000	ug/l	1000	ug/l	770	ug/l	800	ug/l	980	ug/l	1000	ug/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC307		PC307		PC307		PC307		PC307		PC307		PC307		PC307	
Location Cross Ref.	PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	174121		174121		174122		174122		174123		174123		174124		174124	
Sample Date	09/26/1994		09/26/1994		10/05/1994		10/05/1994		11/16/1994		11/16/1994		01/10/1995		01/10/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	3.5	ug/l	3.3	ug/l	3.1	ug/l	3.2	ug/l	2.6	ug/l	3.1	ug/l	2.2	ug/l	2.5	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	6	ug/l	3 J	ug/l	19	ug/l	3 J	ug/l	5 J	ug/l	1.5 U	ug/l	10	ug/l	4	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1100	ug/l	1100	ug/l	1100	ug/l	1100	ug/l	1200	ug/l	1200	ug/l	1000	ug/l	1000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC307			PC307			PC307			PC307			PC307			PC307			PC307			PC307		
Location Cross Ref.	PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174125			174125			174126			174126			174127			174127			174128			174128		
Sample Date	02/09/1995			02/09/1995			03/07/1995			03/07/1995			03/23/1995			03/23/1995			04/14/1995			04/14/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.4		ug/l	2.1		ug/l	2.2		ug/l	2.5		ug/l	2.5		ug/l	2.5		ug/l	3.9		ug/l	2.4		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	7		ug/l	1.5	U	ug/l	7		ug/l	4		ug/l	6		ug/l	4		ug/l	5	J	ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	880		ug/l	890		ug/l	980		ug/l	970		ug/l	780		ug/l	810		ug/l	970		ug/l	950		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC307		PC307		PC307		PC307		PC307		PC307		PC307		PC307		PC307	
Location Cross Ref.	PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-		-	
Sample Number	174129		174129		174130		174130		174131		174131		174132		174132		174132	
Sample Date	04/25/1995		04/25/1995		05/10/1995		05/10/1995		05/24/1995		05/24/1995		06/12/1995		06/12/1995		06/12/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	2.1	ug/l	2.1	ug/l	1.4	ug/l	1.6	ug/l	2.2	ug/l	2.1	ug/l	2	ug/l	1.8	ug/l		
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	2.5 U	ug/l	3 J	ug/l	2.5 U	ug/l	1.5 U	ug/l	5 J	ug/l	4	ug/l	2.5 U	ug/l	4	ug/l		
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	830	ug/l	860	ug/l	580	ug/l	580	ug/l	650	ug/l	650	ug/l	680	ug/l	690	ug/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC307			PC307			PC307			PC307			PC307			PC307			PC307			PC307		
Location Cross Ref.	PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1			PC307/HIL-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174133			174133			174134			174134			174135			174135			174136			174136		
Sample Date	06/27/1995			06/27/1995			07/12/1995			07/12/1995			07/25/1995			07/25/1995			08/14/1995			08/14/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.9		ug/l	1.9		ug/l	2.2		ug/l	2.3		ug/l	2.6		ug/l	2.6		ug/l	2.8		ug/l	2.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	5	J	ug/l	4		ug/l	2.5	U	ug/l	1.5	U	ug/l	9		ug/l	1.5	U	ug/l	2.5	U	ug/l	3	J	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	680		ug/l	690		ug/l	840		ug/l	860		ug/l	820		ug/l	830		ug/l	930		ug/l	940		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC307		PC307		PC307		PC307		PC307		PC307		PC308		PC308	
Location Cross Ref.	PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC307/HIL-1		PC308/DEV-1		PC308/DEV-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	174137		174137		168508		168508		46312		46312		174138		174138	
Sample Date	09/13/1995		09/13/1995		11/13/1997		11/13/1997		05/15/1998		05/15/1998		10/29/1993		10/29/1993	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum					20 U	ug/l	38 U	ug/l	50 U	ug/l	50 U	ug/l				
Antimony					0.53	ug/l	0.56 U	ug/l	0.5 U	ug/l	0.5 U	ug/l				
Arsenic					0.71	ug/l	0.65	ug/l	1 U	ug/l	1 U	ug/l				
Barium					10	ug/l	11 J	ug/l	6.3	ug/l	6.4	ug/l				
Beryllium					1 U	ug/l	0.35 U	ug/l	1 U	ug/l	1 U	ug/l				
Cadmium	2.8	ug/l	3	ug/l	3.2	ug/l	3	ug/l	1.9	ug/l	1.8	ug/l	13	ug/l	15	ug/l
Calcium					12000	ug/l	12000	ug/l	5800	ug/l	5700	ug/l				
Chromium					5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l				
Cobalt					5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l				
Copper					0.54	ug/l	0.73 J	ug/l	3 U	ug/l	3 U	ug/l				
Cyanide																
Iron					10 U	ug/l	69 J	ug/l	20 U	ug/l	20 U	ug/l				
Lead	5 J	ug/l	3 J	ug/l	1.8	ug/l	2.6	ug/l	1.2	ug/l	2	ug/l	9	ug/l	5	ug/l
Lithium																
Magnesium					5300	ug/l	5000	ug/l	2300	ug/l	2300	ug/l				
Manganese					1	ug/l	1.4 J	ug/l	5 U	ug/l	5 U	ug/l				
Mercury					0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l				
Molybdenum																
Nickel					2.1	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l				
Potassium					770	ug/l	540 J	ug/l	450	ug/l	450	ug/l				
Selenium					1 U	ug/l	0.21 U	ug/l	1 U	ug/l	1 U	ug/l				
Silicon																
Silver					0.03 U	ug/l	0.22 U	ug/l	0.3 U	ug/l	0.3 U	ug/l				
Sodium					1900	ug/l	1900	ug/l	1100	ug/l	1100	ug/l				
Strontium																
Sulfur																
Thallium					0.5 U	ug/l	0.017 U	ug/l	0.1 U	ug/l	0.1 U	ug/l				
Titanium																
Uranium																
Vanadium					3 U	ug/l	2.4	ug/l	5 U	ug/l	5 U	ug/l				
Zinc	890	ug/l	930	ug/l	1400	ug/l	1500	ug/l	680	ug/l	700	ug/l	5800	ug/l	5900	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC308			PC308			PC308			PC308			PC308			PC308			PC308			PC308		
Location Cross Ref.	PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174139			174139			174140			174140			174141			174141			174142			174142		
Sample Date	12/01/1993			12/01/1993			12/21/1993			12/21/1993			01/21/1994			01/21/1994			02/17/1994			02/17/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	13		ug/l	15		ug/l	16		ug/l	14		ug/l	10		ug/l	11		ug/l	9.8		ug/l	9.9		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	7		ug/l	4		ug/l	19		ug/l	4		ug/l	5	J	ug/l	4		ug/l	6		ug/l	3	J	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	5300		ug/l	5200		ug/l	6400		ug/l	6500		ug/l	5400		ug/l	5300		ug/l	4600		ug/l	4700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC308			PC308			PC308			PC308			PC308			PC308			PC308			PC308		
Location Cross Ref.	PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174143			174143			174144			174144			174145			174145			174146			174146		
Sample Date	03/08/1994			03/08/1994			03/23/1994			03/23/1994			04/08/1994			04/08/1994			04/18/1994			04/18/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	10		ug/l	10		ug/l	8.3		ug/l	8.4		ug/l	6.9		ug/l	7.3		ug/l	9		ug/l	9.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	6		ug/l	6		ug/l	12		ug/l	5		ug/l	5	J	ug/l	4		ug/l	2.5	U	ug/l	4		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3900		ug/l	3900		ug/l	3200		ug/l	3200		ug/l	3000		ug/l	3200		ug/l	2900		ug/l	3000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC308			PC308			PC308			PC308			PC308			PC308			PC308			PC308		
Location Cross Ref.	PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174147			174147			174148			174148			174149			174149			174150			174150		
Sample Date	05/03/1994			05/03/1994			05/19/1994			05/19/1994			06/09/1994			06/09/1994			06/24/1994			06/24/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	9.8		ug/l	11		ug/l	11		ug/l	11		ug/l	13		ug/l	12		ug/l	14		ug/l	14		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	6		ug/l	5		ug/l	5	J	ug/l	4		ug/l	7		ug/l	4		ug/l	6		ug/l	6		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3100		ug/l	3200		ug/l	3600		ug/l	3700		ug/l	4000		ug/l	4100		ug/l	4500		ug/l	4600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC308			PC308			PC308			PC308			PC308			PC308			PC308			PC308		
Location Cross Ref.	PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174151			174151			174152			174152			174153			174153			174154			174154		
Sample Date	07/22/1994			07/22/1994			11/16/1994			11/16/1994			01/10/1995			01/10/1995			02/09/1995			02/09/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	15		ug/l	15		ug/l	19		ug/l	18		ug/l	11		ug/l	10		ug/l	7.7		ug/l	8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	17		ug/l	6		ug/l	8		ug/l	5		ug/l	15		ug/l	12		ug/l	7		ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	4400		ug/l	4500		ug/l	7300		ug/l	7400		ug/l	4300		ug/l	4300		ug/l	3300		ug/l	3300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC308			PC308			PC308			PC308			PC308			PC308			PC308			PC308		
Location Cross Ref.	PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174155			174155			174156			174156			174157			174157			174158			174158		
Sample Date	03/22/1995			03/22/1995			04/14/1995			04/14/1995			04/25/1995			04/25/1995			05/10/1995			05/10/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	7.2		ug/l	7.3		ug/l	8.4		ug/l	8		ug/l	7.4		ug/l	7.7		ug/l	9		ug/l	9.6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	17		ug/l	5		ug/l	9		ug/l	7		ug/l	7		ug/l	5		ug/l	9		ug/l	7		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2800		ug/l	2900		ug/l	3700		ug/l	3700		ug/l	3500		ug/l	3600		ug/l	3700		ug/l	3500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC308			PC308			PC308			PC308			PC308			PC308			PC308			PC308		
Location Cross Ref.	PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174159			174159			174160			174160			174161			174161			174162			174162		
Sample Date	05/24/1995			05/24/1995			06/12/1995			06/12/1995			06/27/1995			06/27/1995			07/12/1995			07/12/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	10		ug/l	10		ug/l	11		ug/l	11		ug/l	12		ug/l	13		ug/l	11		ug/l	12		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	12		ug/l	5		ug/l	14		ug/l	8		ug/l	20		ug/l	7		ug/l	7		ug/l	6		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3900		ug/l	4000		ug/l	4000		ug/l	4300		ug/l	4300		ug/l	4200		ug/l	4100		ug/l	4200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC308			PC308			PC308			PC308			PC308			PC308			PC308			PC308		
Location Cross Ref.	PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1			PC308/DEV-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174163			174163			174164			174164			174165			174165			168509			168509		
Sample Date	07/25/1995			07/25/1995			08/14/1995			08/14/1995			09/13/1995			09/13/1995			11/13/1997			11/13/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																			20	U	ug/l	42	U	ug/l
Antimony																			0.5	U	ug/l	0.37	U	ug/l
Arsenic																			0.18		ug/l	0.19		ug/l
Barium																			28		ug/l	29		ug/l
Beryllium																			1	U	ug/l	0.35	U	ug/l
Cadmium	14		ug/l	14		ug/l	15		ug/l	15		ug/l	15		ug/l	16		ug/l	18		ug/l	17		ug/l
Calcium																			13000		ug/l	12000		ug/l
Chromium																			5	U	ug/l	6	U	ug/l
Cobalt																			5	U	ug/l	5	U	ug/l
Copper																			1.3		ug/l	1	J	ug/l
Cyanide																								
Iron																			10	U	ug/l	21	U	ug/l
Lead	10		ug/l	9		ug/l	7		ug/l	6		ug/l	10		ug/l	8		ug/l	14		ug/l	13		ug/l
Lithium																								
Magnesium																			5400		ug/l	5100		ug/l
Manganese																			1	U	ug/l	1	U	ug/l
Mercury																			0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel																			9.6		ug/l	6.9	J	ug/l
Potassium																			1200		ug/l	920		ug/l
Selenium																			1	U	ug/l	1.1	J	ug/l
Silicon																								
Silver																			0.03	U	ug/l	0.22	U	ug/l
Sodium																			3000		ug/l	2900		ug/l
Strontium																								
Sulfur																								
Thallium																			0.5	U	ug/l	0.15	U	ug/l
Titanium																								
Uranium																								
Vanadium																			3	U	ug/l	2	U	ug/l
Zinc	4100		ug/l	4100		ug/l	4700		ug/l	4900		ug/l	4800		ug/l	5000		ug/l	7100		ug/l	7200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC308			PC308			PC309			PC309			PC309			PC309			PC310			PC310		
Location Cross Ref.	PC308/DEV-1			PC308/DEV-1			PC309			PC309			PC309			PC309			PC310			PC310		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(3) URS/SWRI			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI			(3) URS/SWRI			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46311			46311			168510			168510			46310			46310			168511			168511		
Sample Date	05/15/1998			05/15/1998			11/12/1997			11/12/1997			05/15/1998			05/15/1998			11/12/1997			11/12/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	27		ug/l	61	U	ug/l	50	U	ug/l	50	U	ug/l	440		ug/l	3200		ug/l
Antimony	0.54		ug/l	0.55		ug/l	0.79		ug/l	0.94	U	ug/l	0.5	U	ug/l	0.5	U	ug/l				3.9	J	ug/l
Arsenic	1	U	ug/l	1	U	ug/l	0.1	U	ug/l	0.16	U	ug/l	1	U	ug/l	1	U	ug/l				8.1	J	ug/l
Barium	16		ug/l	16		ug/l	5.3		ug/l	5.4	J	ug/l	5	U	ug/l	5	U	ug/l	22		ug/l	52		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.35	U	ug/l	1	U	ug/l	1	U	ug/l				0.35	U	ug/l
Cadmium	10		ug/l	9.6		ug/l	0.04	U	ug/l	0.069	U	ug/l	0.1	U	ug/l	0.1	U	ug/l				5.5		ug/l
Calcium	6100		ug/l	6100		ug/l	1800		ug/l	1900		ug/l	1500		ug/l	1500		ug/l				73000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l				8.3	J	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l				7.4	J	ug/l
Copper	3	U	ug/l	3	U	ug/l	0.5	U	ug/l	0.22	J	ug/l	3	U	ug/l	3	U	ug/l				190		ug/l
Cyanide																								
Iron	20	U	ug/l	20	U	ug/l	10	U	ug/l	9.6	U	ug/l	20	U	ug/l	20	U	ug/l				7100		ug/l
Lead	4.4		ug/l	5.5		ug/l	0.1	U	ug/l	0.33	J	ug/l	0.5	U	ug/l	0.5	U	ug/l				78		ug/l
Lithium																								
Magnesium	2600		ug/l	2600		ug/l	600		ug/l	570		ug/l	430		ug/l	430		ug/l	24000		ug/l	34000		ug/l
Manganese	5	U	ug/l	5	U	ug/l	1	U	ug/l	1	U	ug/l	5	U	ug/l	5	U	ug/l	250		ug/l	700		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	0.3	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l				12	J	ug/l
Potassium	640		ug/l	720		ug/l	700	U	ug/l	430	J	ug/l	230		ug/l	370		ug/l				1500		ug/l
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.21	U	ug/l	1	U	ug/l	1	U	ug/l				0.21	U	ug/l
Silicon																								
Silver	0.3	U	ug/l	0.3	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.3	U	ug/l	0.3	U	ug/l				0.22	J	ug/l
Sodium	2200		ug/l	2200		ug/l	1100		ug/l	1100		ug/l	660		ug/l	700		ug/l	5300		ug/l	6300		ug/l
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	0.1	U	ug/l	0.5	U	ug/l	0.17	U	ug/l	0.1	U	ug/l	0.1	U	ug/l				0.14	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	3	U	ug/l	2	U	ug/l	5	U	ug/l	5	U	ug/l				5.2		ug/l
Zinc	3000		ug/l	3100		ug/l	4.7		ug/l	13	U	ug/l	5	U	ug/l	5	U	ug/l				5200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC312		PC312		PC312		PC312		PC322		PC322		PC322		PC322	
Location Cross Ref.	PC312		PC312		PC312		PC312		PC322		PC322		PC322		PC322	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(2) URS/MEL		(2) URS/LAUCKS		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(3) URS/SWRI		(3) URS/SWRI		(3) URS/SWRI		(3) URS/SWRI	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	168513		168513		46308		46308		46314		46314		46315		46315	
Sample Date	11/11/1997		11/11/1997		05/14/1998		05/14/1998		05/15/1998		05/15/1998		05/15/1998		05/15/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	22	ug/l	53 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Antimony	1.1	ug/l	1.3 U	ug/l	0.5	ug/l	0.5	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l
Arsenic	0.25	ug/l	0.16 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Barium	12	ug/l	11 J	ug/l	6	ug/l	5 U	ug/l	6	ug/l	6	ug/l	6.6	ug/l	6	ug/l
Beryllium	1 U	ug/l	0.35 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	1.8	ug/l	1.8	ug/l	0.7	ug/l	0.7	ug/l	1.3	ug/l	1.2	ug/l	1.2	ug/l	1.2	ug/l
Calcium	5700	ug/l	5500	ug/l	2500	ug/l	2400	ug/l	5800	ug/l	5700	ug/l	5700	ug/l	5600	ug/l
Chromium	5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	10 U	ug/l	10 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	0.56	ug/l	0.49 J	ug/l	2 U	ug/l	2 U	ug/l	3 U	ug/l	3 U	ug/l	3 U	ug/l	3 U	ug/l
Cyanide																
Iron	10 U	ug/l	6.1 U	ug/l	20 U	ug/l	20 U	ug/l	20 U	ug/l	20 U	ug/l	20 U	ug/l	22 U	ug/l
Lead	0.61	ug/l	0.68	ug/l	0.7	ug/l	1.1	ug/l	1.5	ug/l	2.7	ug/l	1.5	ug/l	2.8	ug/l
Lithium																
Magnesium	2200	ug/l	2100	ug/l	870	ug/l	820	ug/l	2200	ug/l	2200	ug/l	2100	ug/l	2100	ug/l
Manganese	1 U	ug/l	1 U	ug/l	5 U	ug/l	5 U	ug/l	9.8	ug/l	10	ug/l	10	ug/l	10	ug/l
Mercury	0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 UJ	ug/l	0.2 UJ	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	0.97	ug/l	5 U	ug/l	20 U	ug/l	20 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	700 U	ug/l	560 J	ug/l	2000 U	ug/l	2000 U	ug/l	380	ug/l	410	ug/l	480	ug/l	450	ug/l
Selenium	1 U	ug/l	0.21 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Silicon																
Silver	0.03 U	ug/l	0.22 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.3 U	ug/l	0.3 U	ug/l	0.3 U	ug/l	0.3 U	ug/l
Sodium	1400	ug/l	1400	ug/l	930	ug/l	860	ug/l	950	ug/l	960	ug/l	980	ug/l	1200	ug/l
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.017 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l
Titanium																
Uranium																
Vanadium	3 U	ug/l	3.3	ug/l	10 U	ug/l	10 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	420	ug/l	420	ug/l	190	ug/l	180	ug/l	550	ug/l	570	ug/l	560	ug/l	570	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC323			PC323			PC324			PC324			PC325			PC325			PC326			PC326		
Location Cross Ref.	PC323			PC323			PC324			PC324			PC325			PC325			PC326			PC326		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(3) URS/SWRI			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SWRI			(3) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46313			46313			46320			46320			46601			46601			46441			46441		
Sample Date	05/15/1998			05/15/1998			05/17/1998			05/17/1998			05/17/1998			05/17/1998			05/18/1998			05/18/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	0.0032	J	mg/l	0.0007	UJ	mg/l	5.7	UJ	ug/l	5.9	UJ	ug/l	50	U	ug/l	50	U	ug/l
Antimony	0.5	U	ug/l	0.5	U	ug/l	0.0012	U	mg/l	0.001	U	mg/l	0.15	U	ug/l	0.089	U	ug/l	0.76		ug/l	0.6		ug/l
Arsenic	1	U	ug/l	1	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.23	U	ug/l	0.23	U	ug/l	1	U	ug/l	1	U	ug/l
Barium	5.8		ug/l	5.9		ug/l	0.0082	J	mg/l	0.0082	J	mg/l	4.8	J	ug/l	4.6	J	ug/l	13		ug/l	12		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	0.0001	U	mg/l				0.11	U	ug/l	0.11	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	3.1		ug/l	3		ug/l	0.0089	J	mg/l	0.01	J	mg/l	0.041	U	ug/l	0.041	U	ug/l	3		ug/l	3		ug/l
Calcium	6200		ug/l	6100		ug/l	5	J	mg/l	5.1	J	mg/l	4000	J	ug/l	4100	J	ug/l	5800		ug/l	5700		ug/l
Chromium	5	U	ug/l	5	U	ug/l	0.0004	U	mg/l	0.0004	U	mg/l	0.4	U	ug/l	0.4	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	0.0001	U	mg/l	0.0002	U	mg/l	0.023	U	ug/l	0.023	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	3	U	ug/l	3	U	ug/l	0.0013	J	mg/l	0.0015	J	mg/l	0.44	U	ug/l	0.44	U	ug/l	3	U	ug/l	3	U	ug/l
Cyanide																								
Iron	20	U	ug/l	20	U	ug/l	0.041	J	mg/l				29	J	ug/l	25	J	ug/l	38	U	ug/l	20	U	ug/l
Lead	3.2		ug/l	5.1		ug/l	0.032		mg/l	0.031		mg/l	0.44	J	ug/l	0.41	J	ug/l	14		ug/l	5.7		ug/l
Lithium																								
Magnesium	2800		ug/l	2800		ug/l	2.1	J	mg/l	2.2	J	mg/l	1700	J	ug/l	1700	J	ug/l	2600		ug/l	2500		ug/l
Manganese	5	U	ug/l	5	U	ug/l							0.92	J	ug/l	0.9	J	ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.2	UJ	ug/l	0.2	UJ	ug/l	0.0002	U	mg/l	0.0002	UJ	mg/l	0.16	U	ug/l	0.16	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	0.0033	J	mg/l	0.0036	J	mg/l	0.67	J	ug/l	0.69	J	ug/l	5	U	ug/l	5	U	ug/l
Potassium	560		ug/l	480		ug/l	1.6	U	mg/l	1.6	U	mg/l	1600	U	ug/l	1600	U	ug/l	750		ug/l	630		ug/l
Selenium	1	U	ug/l	1	U	ug/l	0.0013	U	mg/l	0.0013	U	mg/l	1.3	U	ug/l	1.3	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver	0.3	U	ug/l	0.3	U	ug/l							0.042	UJ	ug/l	0.042	U	ug/l	0.3	U	ug/l	0.3	U	ug/l
Sodium	2400		ug/l	2400		ug/l	2.4	J	mg/l	2.5	J	mg/l	2200	J	ug/l	2300	J	ug/l	2400		ug/l	2300		ug/l
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	0.1	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	0.058	U	ug/l	0.058	U	ug/l	0.1	U	ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	0.0001	U	mg/l	0.0002	U	mg/l	0.11	U	ug/l	0.11	U	ug/l	5	U	ug/l	11		ug/l
Zinc	1100		ug/l	1100		ug/l							9.7	J	ug/l	11	J	ug/l	730		ug/l	730		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC332			PC332			PC332			PC332			PC333			PC333			PC333			PC333		
Location Cross Ref.	AD332			AD332			AD332			AD332			AD333			AD333			AD333			AD333		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168531			168531			46354			46354			168532			168532			46355			46355		
Sample Date	11/14/1997			11/14/1997			05/10/1998			05/10/1998			11/14/1997			11/14/1997			05/10/1998			05/10/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	26	U	ug/l	0.039	J	mg/l	0.0074	UJ	mg/l	20	U	ug/l	280		ug/l	0.015	J	mg/l	0.031	J	mg/l
Antimony	0.54		ug/l	0.66	U	ug/l				0.0002	U	mg/l	0.5	U	ug/l	0.27	U	ug/l						
Arsenic	3.6		ug/l	3.3		ug/l	0.0027	J	mg/l	0.0031	J	mg/l	0.27		ug/l	0.7	J	ug/l	0.0002	U	mg/l	0.0003	J	mg/l
Barium	16		ug/l	16	J	ug/l	0.012	J	mg/l	0.015	J	mg/l	11		ug/l	6.7	J	ug/l	0.0028	J	mg/l	0.0032	J	mg/l
Beryllium	1	U	ug/l	0.35	U	ug/l	0.0001	U	mg/l	0.0001		mg/l	1	U	ug/l	0.35	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l
Cadmium	1.4		ug/l	1.3		ug/l	0.0008	J	mg/l	0.001	J	mg/l	0.04	U	ug/l	0.069	U	ug/l						
Calcium	42000		ug/l	37000		ug/l	39		mg/l	39		mg/l	28000		ug/l	25000		ug/l	21		mg/l	22		mg/l
Chromium	5	U	ug/l	6	U	ug/l	0.0006	J	mg/l	0.0004	U	mg/l	5	U	ug/l	6	U	ug/l	0.0004	U	mg/l	0.0004	U	mg/l
Cobalt	5	U	ug/l	5	U	ug/l	0.0002	U	mg/l	0.0001	U	mg/l	5	U	ug/l	5	U	ug/l	0.0001	U	mg/l	0.0002	U	mg/l
Copper	5.4		ug/l	6.3		ug/l	0.0032	J	mg/l	0.0047	J	mg/l	0.52		ug/l	3.8		ug/l	0.0005	J	mg/l	0.0011	J	mg/l
Cyanide																								
Iron	10	U	ug/l	27	U	ug/l	0.17	J	mg/l	0.23		mg/l	10		ug/l	540		ug/l	0.11	J	mg/l	0.18	J	mg/l
Lead	0.41		ug/l	0.83		ug/l	0.0008	UJ	mg/l	0.0006	U	mg/l	0.58		ug/l	37		ug/l	0.001	UJ	mg/l	0.0091		mg/l
Lithium																								
Magnesium	18000		ug/l	17000		ug/l	18		mg/l	18		mg/l	8900		ug/l	8200		ug/l	7		mg/l	7.2		mg/l
Manganese	1.8		ug/l	3.3	J	ug/l	0.0007	J	mg/l	0.0014	J	mg/l	4		ug/l	78		ug/l	0.0002	U	mg/l	0.01	J	mg/l
Mercury	0.2	U	ug/l	0.1	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.1	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l
Molybdenum																								
Nickel	1.7		ug/l	5	U	ug/l	0.0011	J	mg/l	0.0013	J	mg/l	0.95		ug/l	5	U	ug/l	0.001	J	mg/l	0.0015	J	mg/l
Potassium	940	J	ug/l	540	J	ug/l	1.6	U	mg/l	1.6		mg/l	1100	J	ug/l	420	J	ug/l	1.6	U	mg/l	1.6	U	mg/l
Selenium	1	U	ug/l	0.21	U	ug/l	0.0013	U	mg/l	0.0013	U	mg/l	1	U	ug/l	0.21	U	ug/l	0.0013	U	mg/l	0.0013	U	mg/l
Silicon																								
Silver	0.03	U	ug/l	0.22	UJ	ug/l				0.0004	U	mg/l	0.03	U	ug/l	0.22	U	ug/l						
Sodium	9300		ug/l	8800		ug/l	8.9		mg/l	9.4		mg/l	4200		ug/l	4000		ug/l	3.5	J	mg/l	3.6	J	mg/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.017	U	ug/l	0.0001	U	mg/l	0.0006	U	mg/l	0.5	U	ug/l	0.017	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l	0.0002	J	mg/l	0.0001	U	mg/l	3	U	ug/l	2	U	ug/l	0.0001	U	mg/l	0.0001		mg/l
Zinc	57		ug/l	62	J	ug/l	0.039		mg/l	0.045		mg/l	4.6		ug/l	21	UJ	ug/l	0.0051	J	mg/l	0.0067	J	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC334			PC334			PC335			PC335			PC335			PC335			PC336			PC336		
Location Cross Ref.	AD334			AD334			AD335			AD335			AD335			AD335			AD336			AD336		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168533			168533			168534			168534			46359			46359			168535			168535		
Sample Date	11/14/1997			11/14/1997			11/14/1997			11/14/1997			05/10/1998			05/10/1998			11/14/1997			11/14/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	700		ug/l	1300		ug/l	20	U	ug/l	41	U	ug/l	0.0009	UJ	mg/l	0.0047	UJ	mg/l	20	U	ug/l	41	U	ug/l
Antimony	0.5	U	ug/l	0.18	U	ug/l	0.5	U	ug/l	0.52	U	ug/l							0.5	U	ug/l	0.57	U	ug/l
Arsenic	0.29		ug/l	0.69	J	ug/l	0.49		ug/l	1.6	J	ug/l	0.0003	J	mg/l	0.0008	J	mg/l	0.91		ug/l	3.2		ug/l
Barium	5.8		ug/l	6.9	J	ug/l	19		ug/l	22		ug/l	0.017	J	mg/l	0.02	J	mg/l	49		ug/l	49		ug/l
Beryllium	1	U	ug/l	0.35	U	ug/l	1	U	ug/l	0.35	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	1	U	ug/l	0.35	U	ug/l
Cadmium	31		ug/l	29		ug/l	0.44		ug/l	0.27	J	ug/l	0.0005	UJ	mg/l	0.0005	J	mg/l	0.83		ug/l	3.4		ug/l
Calcium	26000		ug/l	24000		ug/l	120000		ug/l	110000		ug/l	110		mg/l	110		mg/l	42000		ug/l	40000		ug/l
Chromium	5	U	ug/l	6	U	ug/l	5	U	ug/l	6	U	ug/l	0.0009	J	mg/l	0.0004	U	mg/l	5	U	ug/l	6	U	ug/l
Cobalt	51		ug/l	52		ug/l	5	U	ug/l	5	U	ug/l	0.0025	J	mg/l	0.0028	J	mg/l	5	U	ug/l	5	U	ug/l
Copper	550		ug/l	570		ug/l	0.5	U	ug/l	0.75	U	ug/l	0.0033	J	mg/l	0.0037	J	mg/l	0.26		ug/l	1.7	J	ug/l
Cyanide																								
Iron	650		ug/l	970		ug/l	15		ug/l	3400		ug/l	0.54	J	mg/l	1.3	J	mg/l	10	U	ug/l	410		ug/l
Lead	640		ug/l	650		ug/l	0.31		ug/l	1.7		ug/l	0.0011	U	mg/l	0.0016	J	mg/l	0.17		ug/l	11		ug/l
Lithium																								
Magnesium	15000		ug/l	14000		ug/l	51000		ug/l	49000		ug/l	49		mg/l	50		mg/l	22000		ug/l	21000		ug/l
Manganese	1300		ug/l	1200		ug/l	930		ug/l	920		ug/l	0.69		mg/l	0.75		mg/l	140		ug/l	160		ug/l
Mercury	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel	45		ug/l	44		ug/l	17		ug/l	11	J	ug/l	0.012	J	mg/l	0.014	J	mg/l	3.3		ug/l	5	U	ug/l
Potassium	1300	J	ug/l	420	J	ug/l	1400	J	ug/l	520	J	ug/l	1.6	U	mg/l	1.6	U	mg/l	700	U	ug/l	690	J	ug/l
Selenium	1	U	ug/l	0.21	U	ug/l	1	U	ug/l	0.21	U	ug/l	0.0013	U	mg/l	0.0013	U	mg/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver	0.03	U	ug/l	0.22	U	ug/l	0.03	U	ug/l	0.22	U	ug/l							0.03	U	ug/l	0.22	U	ug/l
Sodium	4400		ug/l	4300		ug/l	7700		ug/l	7600		ug/l	7.1		mg/l	7.4		mg/l	3400		ug/l	3300		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.017	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l	3	U	ug/l	2	U	ug/l	0.0003	J	mg/l	0.0001	U	mg/l	3	U	ug/l	2	U	ug/l
Zinc	11000		ug/l	11000	J	ug/l	11000		ug/l	11000	J	ug/l	8.7		mg/l	9.1		mg/l	1300		ug/l	1500	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC336			PC336			PC338			PC338			PC340			PC340			PC340			PC340		
Location Cross Ref.	AD336			AD336			PC329			PC329			AD340			AD340			AD340			AD340		
Location Type	Adit			Adit			River/Stream			River/Stream			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(3) URS/SOUND			(3) URS/SOUND			(3) URS/SWRI			(3) URS/SWRI			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46358			46358			46316			46316			168537			168537			46363			46363		
Sample Date	05/10/1998			05/10/1998			05/15/1998			05/15/1998			11/15/1997			11/15/1997			05/11/1998			05/11/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.0059	UJ	mg/l	0.015	J	mg/l	50	U	ug/l	50	U	ug/l	50		ug/l	250		ug/l	50	U	ug/l	52		ug/l
Antimony				0.0001	U	mg/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.23	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Arsenic	0.0008	J	mg/l	0.0019	J	mg/l	1	U	ug/l	1	U	ug/l	0.31		ug/l	0.99	J	ug/l	2	U	ug/l	2	U	ug/l
Barium	0.042	J	mg/l	0.048	J	mg/l	6.8		ug/l	7		ug/l	5.6		ug/l	7.2	J	ug/l	5	U	ug/l	5	U	ug/l
Beryllium	0.0001	U	mg/l	0.0001	U	mg/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Cadmium	0.0006	J	mg/l	0.0033	J	mg/l	0.38		ug/l	0.36		ug/l	0.9		ug/l	0.8		ug/l	0.4		ug/l	0.5		ug/l
Calcium	42		mg/l	43		mg/l	2300		ug/l	2400		ug/l	3400		ug/l	3200		ug/l	2900		ug/l	3000		ug/l
Chromium	0.0009	J	mg/l	0.0004	U	mg/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	0.0006	J	mg/l	0.0007	J	mg/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l
Copper	0.0008	J	mg/l	0.0015	J	mg/l	3	U	ug/l	3	U	ug/l	0.78		ug/l	2.4	J	ug/l	2	U	ug/l	2	U	ug/l
Cyanide																								
Iron	0.22	J	mg/l	0.4	J	mg/l	20	U	ug/l	20	U	ug/l	22		ug/l	280		ug/l	20	U	ug/l	48		ug/l
Lead	0.0001	U	mg/l	0.003	J	mg/l	0.95		ug/l	1.3		ug/l	5.8		ug/l	36		ug/l	2.2		ug/l	5.4		ug/l
Lithium																								
Magnesium	22		mg/l	23		mg/l	670		ug/l	710		ug/l	1600		ug/l	1400		ug/l	1300		ug/l	1300		ug/l
Manganese	0.2		mg/l	0.22		mg/l	5	U	ug/l	5	U	ug/l	7.7		ug/l	11		ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	UJ	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	0.0036	J	mg/l	0.0044	J	mg/l	5	U	ug/l	5	U	ug/l	2		ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l
Potassium	1.6	U	mg/l	1.6	U	mg/l	350		ug/l	270		ug/l	1100		ug/l	770		ug/l	2000	U	ug/l	2000	U	ug/l
Selenium	0.0013	U	mg/l	0.0013	U	mg/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.21	U	ug/l	2	U	ug/l	2	U	ug/l
Silicon																								
Silver							0.3	U	ug/l	0.3	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Sodium	3.1	J	mg/l	3.1	J	mg/l	740		ug/l	750		ug/l	4200		ug/l	3900		ug/l	3500		ug/l	3500		ug/l
Strontium																								
Sulfur																								
Thallium	0.0001	U	mg/l	0.0001	U	mg/l	0.1	U	ug/l	0.1	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium	0.0002	J	mg/l	0.0001	U	mg/l	5	U	ug/l	5	U	ug/l	3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l
Zinc	2		mg/l	2.2		mg/l	110		ug/l	120		ug/l	290		ug/l	280	J	ug/l	170		ug/l	160		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC341			PC341			PC341			PC341			PC341			PC341			PC343			PC343		
Location Cross Ref.	AD341			AD341			AD341			AD341			AD341			AD341			AD343			AD343		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168538			168538			168571			168571			46364			46364			168539			168539		
Sample Date	11/15/1997			11/15/1997			11/15/1997			11/15/1997			05/11/1998			05/11/1998			11/15/1997			11/15/1997		
Sample Type	Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	28		ug/l	72	U	ug/l	34		ug/l	68	U	ug/l	50	U	ug/l	490		ug/l	20	U	ug/l	91	U	ug/l
Antimony	0.5	U	ug/l	0.19	U	ug/l	0.5	U	ug/l	0.15	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.41	U	ug/l
Arsenic	0.33		ug/l	0.24	J	ug/l	0.26		ug/l	0.18	J	ug/l	2	U	ug/l	2	U	ug/l	0.36		ug/l	0.87	J	ug/l
Barium	11		ug/l	13	J	ug/l	21		ug/l	13	J	ug/l	13		ug/l	13		ug/l	9.1		ug/l	12	J	ug/l
Beryllium	1	U	ug/l	0.35	U	ug/l	1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	0.35	U	ug/l
Cadmium	25		ug/l	23		ug/l	24		ug/l	22		ug/l	110		ug/l	110		ug/l	7.4		ug/l	7.6		ug/l
Calcium	40000		ug/l	37000		ug/l	41000		ug/l	38000		ug/l	57000		ug/l	57000		ug/l	130000		ug/l	130000		ug/l
Chromium	5	U	ug/l	6	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l
Cobalt	11		ug/l	15		ug/l	10		ug/l	12		ug/l	35		ug/l	35		ug/l	5	U	ug/l	7.8	J	ug/l
Copper	11		ug/l	12		ug/l	10		ug/l	12		ug/l	16		ug/l	38		ug/l	0.5		ug/l	2	J	ug/l
Cyanide																								
Iron	10	U	ug/l	63	U	ug/l	10	U	ug/l	68	U	ug/l	20	U	ug/l	530		ug/l	10	U	ug/l	730		ug/l
Lead	0.91		ug/l	2.3		ug/l	0.98		ug/l	2.4		ug/l	0.4		ug/l	5.7		ug/l	0.13		ug/l	8.5		ug/l
Lithium																								
Magnesium	18000		ug/l	17000		ug/l	18000		ug/l	17000		ug/l	31000		ug/l	32000		ug/l	64000		ug/l	59000		ug/l
Manganese	820		ug/l	790		ug/l	830		ug/l	800		ug/l	2500		ug/l	2600		ug/l	950		ug/l	990		ug/l
Mercury	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel	23		ug/l	20		ug/l	22		ug/l	21		ug/l	63		ug/l	60		ug/l	32		ug/l	25		ug/l
Potassium	700	U	ug/l	520	J	ug/l	700	U	ug/l	550	J	ug/l	2000	U	ug/l	2000	U	ug/l	700	U	ug/l	770		ug/l
Selenium	1	U	ug/l	0.21	U	ug/l	1	U	ug/l	0.21	U	ug/l	8	U	ug/l	8	U	ug/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver	0.03	U	ug/l	0.22	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.03	U	ug/l	0.22	U	ug/l
Sodium	4500		ug/l	4300		ug/l	4700		ug/l	4300		ug/l	4800		ug/l	4300		ug/l	10000		ug/l	9300		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.017	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.46	U	ug/l
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l	3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l	3	U	ug/l	2	U	ug/l
Zinc	13000		ug/l	14000	J	ug/l	13000		ug/l	12000	J	ug/l	64000		ug/l	65000		ug/l	10000		ug/l	12000	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC343			PC343			PC344			PC344			PC348			PC348			PC348			PC348		
Location Cross Ref.	AD343			AD343			AD344			AD344			AD348			AD348			AD348			AD348		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/COLUMBWA			(2) URS/MEL			(2) URS/LAUCKS			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46365			46365			168540			168540			168541			168541			46356			46356		
Sample Date	05/11/1998			05/11/1998			11/16/1997			11/16/1997			11/16/1997			11/16/1997			05/10/1998			05/10/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	20	U	ug/l	26	U	ug/l	30		ug/l	37	J	ug/l	0.0027	UJ	mg/l	0.012	J	mg/l
Antimony	0.2	U	ug/l	0.2	U	ug/l	270		ug/l	240		ug/l	0.5	U	ug/l	0.24	U	ug/l						
Arsenic	2	U	ug/l	2	U	ug/l	33		ug/l	37		ug/l	0.24		ug/l	0.39	J	ug/l	0.0003	J	mg/l	0.0003	J	mg/l
Barium	10		ug/l	10		ug/l	5.3		ug/l	6.5	J	ug/l	15		ug/l	16	J	ug/l	0.01	J	mg/l	0.0072	J	mg/l
Beryllium	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	0.35	U	ug/l	1	U	ug/l	0.35	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l
Cadmium	8		ug/l	8.2		ug/l	0.02	U	ug/l	0.069	U	ug/l	0.88		ug/l	0.71		ug/l	0.0004	UJ	mg/l	0.0003	UJ	mg/l
Calcium	120000		ug/l	110000		ug/l	42000		ug/l	41000		ug/l	4500		ug/l	4400		ug/l	3	J	mg/l	3	J	mg/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	6	U	ug/l	0.0004	U	mg/l	0.0004	U	mg/l
Cobalt	10	U	ug/l	10		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l						
Copper	3		ug/l	4		ug/l	0.42		ug/l	0.37	J	ug/l	0.35		ug/l	0.21	J	ug/l	0.0004	U	mg/l	0.0004	U	mg/l
Cyanide																								
Iron	31		ug/l	90		ug/l	10	U	ug/l	140		ug/l	10	U	ug/l	10	U	ug/l	0.021	J	mg/l	0.0056	J	mg/l
Lead	0.2	U	ug/l	0.6		ug/l	0.93		ug/l	0.76		ug/l	3.9		ug/l	4.1		ug/l	0.0029	J	mg/l	0.0027	J	mg/l
Lithium																								
Magnesium	57000		ug/l	55000		ug/l	26000		ug/l	24000		ug/l	820		ug/l	720		ug/l	0.54	J	mg/l	0.55	J	mg/l
Manganese	850		ug/l	810		ug/l	8.9		ug/l	16		ug/l	1.1		ug/l	1.1	J	ug/l	0.0004	U	mg/l	0.0004	UJ	mg/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l
Molybdenum																								
Nickel	20		ug/l	20	U	ug/l	1.5		ug/l	5	U	ug/l	0.3		ug/l	5	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l
Potassium	2000	U	ug/l	2000	U	ug/l	700	U	ug/l	680	J	ug/l	700	U	ug/l	420	J	ug/l	1.6	U	mg/l	1.6	U	mg/l
Selenium	2	U	ug/l	2	U	ug/l	1	U	ug/l	0.21	U	ug/l	1	U	ug/l	0.21	U	ug/l	0.0013	U	mg/l	0.0013	U	mg/l
Silicon																								
Silver	0.2	U	ug/l	0.2	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.03	U	ug/l	0.22	U	ug/l						
Sodium	9300		ug/l	8800		ug/l	7800		ug/l	7600		ug/l	910		ug/l	1000		ug/l	0.77	J	mg/l	0.81	J	mg/l
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	10	U	ug/l	3	U	ug/l	2	U	ug/l	3	U	ug/l	2	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l
Zinc	8300		ug/l	8100		ug/l	15		ug/l	36	U	ug/l	210		ug/l	210		ug/l	0.12		mg/l	0.076		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC348			PC348			PC351			PC351			PC352			PC352			PC360			PC360		
Location Cross Ref.	AD348			AD348			AD351			AD351			AD352			AD352			PC310EF			PC310EF		
Location Type	Adit			Adit			Adit			Adit			Spring/Seep			Spring/Seep			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SOUND			(3) URS/SOUND			(2) URS/MEL			(2) URS/LAUCKS			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI			(3) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46357			46357			168542			168542			168543			168543			46309			46309		
Sample Date	05/10/1998			05/10/1998			11/16/1997			11/16/1997			11/16/1997			11/16/1997			05/15/1998			05/15/1998		
Sample Type	Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.0026	UJ	mg/l	0.0071	UJ	mg/l	20	U	ug/l	26	U	ug/l	20	U	ug/l	37	J	ug/l	50	U	ug/l	50	U	ug/l
Antimony							1.7		ug/l	1.7	U	ug/l	0.65		ug/l	0.72	U	ug/l	0.5	U	ug/l	0.5	U	ug/l
Arsenic	0.0003	J	mg/l	0.0003	J	mg/l	0.22		ug/l	0.39	J	ug/l	0.64		ug/l	1.4	J	ug/l	1	U	ug/l	1	U	ug/l
Barium	0.01	J	mg/l	0.01	J	mg/l	9.7		ug/l	10	J	ug/l	10		ug/l	11	J	ug/l	6.4		ug/l	6.2		ug/l
Beryllium	0.0001	U	mg/l	0.0001	U	mg/l	1	U	ug/l	0.35	U	ug/l	1	U	ug/l	0.35	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	0.0004	UJ	mg/l	0.0003	U	mg/l	0.6		ug/l	0.7		ug/l	2.4		ug/l	2.2		ug/l	0.64		ug/l	0.6		ug/l
Calcium	2.9	J	mg/l	3	J	mg/l	20000		ug/l	18000		ug/l	24000		ug/l	23000		ug/l	2600		ug/l	2600		ug/l
Chromium	0.0004	U	mg/l	0.0004	U	mg/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt							5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	0.0004	U	mg/l	0.0006	J	mg/l	0.35		ug/l	0.56	J	ug/l	0.83		ug/l	1.5	J	ug/l	3	U	ug/l	3	U	ug/l
Cyanide																								
Iron	0.019	J	mg/l	0.02	J	mg/l	360		ug/l	640		ug/l	10	U	ug/l	140		ug/l	20	U	ug/l	20	U	ug/l
Lead	0.0029	J	mg/l	0.0035		mg/l	4		ug/l	6.8		ug/l	1		ug/l	11		ug/l	0.7		ug/l	1.4		ug/l
Lithium																								
Magnesium	0.54	J	mg/l	0.51	J	mg/l	13000		ug/l	12000		ug/l	11000		ug/l	10000		ug/l	850		ug/l	860		ug/l
Manganese	0.0004	U	mg/l	0.0006	J	mg/l	71		ug/l	71		ug/l	1.4		ug/l	8.3	J	ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	0.0002	U	mg/l	0.0002	U	mg/l	2.2		ug/l	6.8	J	ug/l	3.4		ug/l	5.1	J	ug/l	5	U	ug/l	5	U	ug/l
Potassium	1.6	U	mg/l	1.7	J	mg/l	720	J	ug/l	390	J	ug/l	710	J	ug/l	420	J	ug/l	270		ug/l	320		ug/l
Selenium	0.0013	U	mg/l	0.0013	U	mg/l	1	U	ug/l	0.21	U	ug/l	1	U	ug/l	0.21	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver							0.03	U	ug/l	0.22	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.3	U	ug/l	0.3	U	ug/l
Sodium	0.67	J	mg/l	0.78	J	mg/l	5100		ug/l	4800		ug/l	2300		ug/l	2200		ug/l	800		ug/l	810		ug/l
Strontium																								
Sulfur																								
Thallium	0.0001	U	mg/l	0.0001	U	mg/l	0.5	U	ug/l	0.017	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.1	U	ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium	0.0001	U	mg/l	0.0001	U	mg/l	3	U	ug/l	2	U	ug/l	3	U	ug/l	2	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	0.12		mg/l	0.1		mg/l	310		ug/l	310		ug/l	2100		ug/l	2200		ug/l	190		ug/l	190		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC375			PC375			PC400			PC400			PC7506			PC7506			PC7507			PC7507		
Location Cross Ref.	AD375			AD375			AD400			AD400			NAB-SW-1			NAB-SW-1			NAB-SW-2			NAB-SW-2		
Location Type	Spring/Seep			Spring/Seep			Adit			Adit			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(3) URS/SWRI			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46366			46366			46362			46362			187529			187529			187530			187530		
Sample Date	05/12/1998			05/12/1998			05/11/1998			05/11/1998			07/15/1994			07/15/1994			07/15/1994			07/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			7470			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	71		ug/l	3700		ug/l	4100		ug/l	11	U	ug/l				530		ug/l			
Antimony	0.5	U	ug/l	0.5	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l				1	U	ug/l			
Arsenic	1	U	ug/l	1	U	ug/l	2	U	ug/l	3		ug/l	2	U	ug/l				12		ug/l			
Barium	9.8		ug/l	9.8		ug/l	8		ug/l	10		ug/l	14		ug/l				38		ug/l			
Beryllium	1	U	ug/l	1	U	ug/l	0.2	U	ug/l	0.7		ug/l	0.1	U	ug/l				0.1	U	ug/l			
Cadmium	17		ug/l	17		ug/l	190		ug/l	190		ug/l	0.3	U	ug/l				7.9		ug/l			
Calcium	18000		ug/l	18000		ug/l	53000		ug/l	53000		ug/l	6200		ug/l				58000		ug/l			
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6.1		ug/l				0.5	U	ug/l			
Cobalt	5	U	ug/l	5	U	ug/l	57		ug/l	54		ug/l	0.4	U	ug/l				0.4	U	ug/l			
Copper	4.3		ug/l	4.6		ug/l	140		ug/l	150		ug/l	2.2		ug/l				58		ug/l			
Cyanide																								
Iron	20	U	ug/l	47		ug/l	4200		ug/l	5500		ug/l	180		ug/l				880		ug/l			
Lead	30		ug/l	41		ug/l	2200		ug/l	2200		ug/l	11		ug/l				250		ug/l			
Lithium																								
Magnesium	9700		ug/l	9700		ug/l	29000		ug/l	29000		ug/l	1900		ug/l				28000		ug/l			
Manganese	75		ug/l	75		ug/l	2600		ug/l	2600		ug/l	0.1	U	ug/l				79		ug/l			
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l
Molybdenum																								
Nickel	5.8		ug/l	6.1		ug/l	120		ug/l	120		ug/l	0.8	U	ug/l				0.8	U	ug/l			
Potassium	790		ug/l	810		ug/l	2000	U	ug/l	4100		ug/l	780		ug/l				2600		ug/l			
Selenium	1	U	ug/l	1	U	ug/l	8	U	ug/l	8	U	ug/l	15		ug/l				3	U	ug/l			
Silicon																								
Silver	0.3	U	ug/l	0.3	U	ug/l	0.2	U	ug/l	11		ug/l	0.4	U	ug/l				0.4	U	ug/l			
Sodium	2600		ug/l	2600		ug/l	4100		ug/l	4100		ug/l	140	U	ug/l				7500		ug/l			
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	3	U	ug/l				3	U	ug/l			
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	0.3	U	ug/l				0.3	U	ug/l			
Zinc	6100		ug/l	6200		ug/l	62000		ug/l	61000		ug/l	330		ug/l				2800		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7508			PC7508			PC7509			PC7509			PC7510			PC7510			PC7511			PC7511		
Location Cross Ref.	NAB-SW-3			NAB-SW-3			NAB-SW-4			NAB-SW-4			NAB-SW-5			NAB-SW-5			DEN-SW-1			DEN-SW-1		
Location Type	River/Stream			River/Stream			Adit			Adit			Adit			Adit			Spring/Seep			Spring/Seep		
(Ref) Source/Lab	(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187531			187531			187532			187532			187533			187533			187534			187534		
Sample Date	07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7470			6010			7470			6010			7470			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	11	U	ug/l				130		ug/l				460		ug/l				150		ug/l			
Antimony	1	U	ug/l				1	U	ug/l				1	U	ug/l				1	U	ug/l			
Arsenic	2	U	ug/l				2	U	ug/l				3		ug/l				2	U	ug/l			
Barium	13		ug/l				18		ug/l				14		ug/l				14		ug/l			
Beryllium	0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l			
Cadmium	0.3	U	ug/l				6.7		ug/l				5.6		ug/l				0.3	U	ug/l			
Calcium	5100		ug/l				9600		ug/l				71000		ug/l				6100		ug/l			
Chromium	0.5	U	ug/l				0.5	U	ug/l				0.5	U	ug/l				0.5	U	ug/l			
Cobalt	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Copper	0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l			
Cyanide																								
Iron	98		ug/l				55		ug/l				4300		ug/l				5	U	ug/l			
Lead	1.9		ug/l				16		ug/l				120		ug/l				2.4		ug/l			
Lithium																								
Magnesium	1800		ug/l				4100		ug/l				29000		ug/l				2200		ug/l			
Manganese	0.1	U	ug/l				0.1	U	ug/l				180		ug/l				0.1	U	ug/l			
Mercury				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l
Molybdenum																								
Nickel	0.8	U	ug/l				0.8	U	ug/l				0.8	U	ug/l				0.8	U	ug/l			
Potassium	23	U	ug/l				23	U	ug/l				23	U	ug/l				23	U	ug/l			
Selenium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Silicon																								
Silver	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Sodium	1900		ug/l				3800		ug/l				8300		ug/l				2100		ug/l			
Strontium																								
Sulfur																								
Thallium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Titanium																								
Uranium																								
Vanadium	0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l			
Zinc	340		ug/l				1100		ug/l				3500		ug/l				520		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7512			PC7512			PC7513			PC7513			PC7514			PC7514			PC7515			PC7515		
Location Cross Ref.	DEN-SW-2			DEN-SW-2			DEN-SW-3			DEN-SW-3			DEN-SW-4			DEN-SW-4			DEN-SW-5			DEN-SW-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187535			187535			187536			187536			187537			187537			187538			187538		
Sample Date	07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7470			6010			7470			6010			7470			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	340		ug/l				11	U	ug/l				11	U	ug/l				11	U	ug/l			
Antimony	1	U	ug/l				1	U	ug/l				1	U	ug/l				1	U	ug/l			
Arsenic	6.9		ug/l				2	U	ug/l				2	U	ug/l				2	U	ug/l			
Barium	57		ug/l				23		ug/l				12		ug/l				26		ug/l			
Beryllium	0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l			
Cadmium	18		ug/l				12		ug/l				0.3	U	ug/l				17		ug/l			
Calcium	10000		ug/l				9700		ug/l				5900		ug/l				11000		ug/l			
Chromium	0.5	U	ug/l				5.3		ug/l				0.5	U	ug/l				0.5	U	ug/l			
Cobalt	4.9		ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Copper	14		ug/l				3.3		ug/l				0.3	U	ug/l				0.3	U	ug/l			
Cyanide																								
Iron	23000		ug/l				5	U	ug/l				57		ug/l				5	U	ug/l			
Lead	160		ug/l				8.6		ug/l				1.6		ug/l				2.3		ug/l			
Lithium																								
Magnesium	4100		ug/l				3800		ug/l				2200		ug/l				4700		ug/l			
Manganese	500		ug/l				9.6		ug/l				0.1	U	ug/l				0.1	U	ug/l			
Mercury				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l
Molybdenum																								
Nickel	0.8	U	ug/l				9.9		ug/l				0.8	U	ug/l				0.8	U	ug/l			
Potassium	23	U	ug/l				1200		ug/l				23	U	ug/l				23	U	ug/l			
Selenium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Silicon																								
Silver	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Sodium	3700		ug/l				4100		ug/l				1800		ug/l				3700		ug/l			
Strontium																								
Sulfur																								
Thallium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Titanium																								
Uranium																								
Vanadium	0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l			
Zinc	2200		ug/l				3700		ug/l				390		ug/l				4800		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7516			PC7516			PC7517			PC7517			PC7518			PC7518			PC7519			PC7519		
Location Cross Ref.	DEN-SW-6			DEN-SW-6			SID-SW-1			SID-SW-1			SID-SW-2			SID-SW-2			SID-SW-3			SID-SW-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187539			187539			187540			187540			187541			187541			187542			187542		
Sample Date	07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7470			6010			7470			6010			7470			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	11	U	ug/l				140		ug/l				130		ug/l				150		ug/l			
Antimony	1	U	ug/l				1	U	ug/l				1	U	ug/l				1	U	ug/l			
Arsenic	2	U	ug/l				2	U	ug/l				2	U	ug/l				2	U	ug/l			
Barium	13		ug/l				8.4		ug/l				6.3		ug/l				4.2		ug/l			
Beryllium	0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l			
Cadmium	0.3	U	ug/l				4.4		ug/l				5.8		ug/l				0.3	U	ug/l			
Calcium	6300		ug/l				9800		ug/l				7800		ug/l				5600		ug/l			
Chromium	0.5	U	ug/l				0.5	U	ug/l				0.5	U	ug/l				0.5	U	ug/l			
Cobalt	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Copper	0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l			
Cyanide																								
Iron	5	U	ug/l				91		ug/l				5	U	ug/l				5	U	ug/l			
Lead	2.8		ug/l				3.5		ug/l				4.4		ug/l				1	U	ug/l			
Lithium																								
Magnesium	2200		ug/l				4600		ug/l				3700		ug/l				2700		ug/l			
Manganese	0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l			
Mercury				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l
Molybdenum																								
Nickel	0.8	U	ug/l				0.8	U	ug/l				0.8	U	ug/l				0.8	U	ug/l			
Potassium	23	U	ug/l				23	U	ug/l				23	U	ug/l				23	U	ug/l			
Selenium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Silicon																								
Silver	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Sodium	1900		ug/l				3800		ug/l				3800		ug/l				3800		ug/l			
Strontium																								
Sulfur																								
Thallium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Titanium																								
Uranium																								
Vanadium	0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l			
Zinc	530		ug/l				1400		ug/l				1500		ug/l				21		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7520			PC7520			PC7520			PC7520			PC7520			PC7520			PC7521			PC7521		
Location Cross Ref.	SID-SW-4			SID-SW-4			SID-SW-4			SID-SW-4			SID-SW-4			SID-SW-4			HIL-SW-1			HIL-SW-1		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			River/Stream			River/Stream		
(Ref) Source/Lab	(13) CCJM/OTHER			(13) CCJM/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND			(13) CCJM/OTHER			(13) CCJM/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187543			187543			168536			168536			46360			46360			187544			187544		
Sample Date	07/15/1994			07/15/1994			11/15/1997			11/15/1997			05/10/1998			05/10/1998			07/16/1994			07/16/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7470			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	170		ug/l				20	U	ug/l	220		ug/l	0.0009	UJ	mg/l	0.14	J	mg/l	220		ug/l			
Antimony	1	U	ug/l				0.61		ug/l	1.2	U	ug/l	0.0004	U	mg/l	0.0012	U	mg/l	1	U	ug/l			
Arsenic	2	U	ug/l				0.1		ug/l	0.61	J	ug/l	0.0006	J	mg/l	0.0017	J	mg/l	2	U	ug/l			
Barium	10		ug/l				5.9		ug/l	7.2	J	ug/l	0.01	J	mg/l	0.013	J	mg/l	9.1		ug/l			
Beryllium	0.1	U	ug/l				1	U	ug/l	0.35	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	0.1	U	ug/l			
Cadmium	19		ug/l				11		ug/l	10		ug/l	0.14	J	mg/l	0.17		mg/l	0.3	U	ug/l			
Calcium	35000		ug/l				34000		ug/l	32000		ug/l	46		mg/l	47		mg/l	5200		ug/l			
Chromium	0.5	U	ug/l				5	U	ug/l	6	U	ug/l	0.0004	U	mg/l	0.0004	U	mg/l	0.5	U	ug/l			
Cobalt	0.4	U	ug/l				5	U	ug/l	5	U	ug/l	0.011	J	mg/l	0.014	J	mg/l	0.4	U	ug/l			
Copper	0.3	U	ug/l				1.6		ug/l	12		ug/l	0.015	J	mg/l	0.031		mg/l	0.3	U	ug/l			
Cyanide																								
Iron	74		ug/l				10	U	ug/l	330		ug/l	0.21	J	mg/l	0.59	J	mg/l	180		ug/l			
Lead	23		ug/l				19		ug/l	140		ug/l	0.02	J	mg/l	0.16		mg/l	47		ug/l			
Lithium																								
Magnesium	18000		ug/l				17000		ug/l	16000		ug/l	27		mg/l	27		mg/l	1800		ug/l			
Manganese	53		ug/l				39		ug/l	46		ug/l	0.59		mg/l	0.73		mg/l	11		ug/l			
Mercury				0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l				0.2	U	ug/l
Molybdenum																								
Nickel	0.8	U	ug/l				4.6		ug/l	5	U	ug/l	0.039	J	mg/l	0.049		mg/l	0.8	U	ug/l			
Potassium	23	U	ug/l				700	U	ug/l	330	J	ug/l	1.6	U	mg/l	1.6	U	mg/l	23	U	ug/l			
Selenium	3	U	ug/l				1	U	ug/l	0.21	U	ug/l	0.0013	U	mg/l	0.0016	J	mg/l	3	U	ug/l			
Silicon																								
Silver	0.4	U	ug/l				0.03	U	ug/l	0.22	U	ug/l				0.0001	U	mg/l	0.4	U	ug/l			
Sodium	5200		ug/l				4900		ug/l	4600		ug/l	4.7	J	mg/l	4.8	J	mg/l	1400		ug/l			
Strontium																								
Sulfur																								
Thallium	3	U	ug/l				0.5	U	ug/l	0.017	U	ug/l	0.0006	U	mg/l	0.0001	U	mg/l	3	U	ug/l			
Titanium																								
Uranium																								
Vanadium	0.3	U	ug/l				3	U	ug/l	2	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	0.3	U	ug/l			
Zinc	5100		ug/l				4900		ug/l	5600	J	ug/l	0.0091	U	mg/l	0.0009	U	mg/l	470		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7522			PC7522			PC7523			PC7523			PC7524			PC7524			PC7525			PC7525		
Location Cross Ref.	HIL-SW-2			HIL-SW-2			HIL-SW-3			HIL-SW-3			HIL-SW-4			HIL-SW-4			HIL-SW-5			HIL-SW-5		
Location Type	Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187545			187545			187546			187546			187547			187547			187549			187549		
Sample Date	07/16/1994			07/16/1994			07/16/1994			07/16/1994			07/16/1994			07/16/1994			07/16/1994			07/16/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7470			6010			7470			6010			7470			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	11	U	ug/l				11	U	ug/l				11	U	ug/l				11	U	ug/l			
Antimony	1	U	ug/l				1	U	ug/l				1	U	ug/l				1	U	ug/l			
Arsenic	2	U	ug/l				2	U	ug/l				2	U	ug/l				2	U	ug/l			
Barium	14		ug/l				14		ug/l				6		ug/l				0.1	U	ug/l			
Beryllium	0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l			
Cadmium	34		ug/l				41		ug/l				0.3	U	ug/l				0.3	U	ug/l			
Calcium	21000		ug/l				17000		ug/l				3200		ug/l				2000		ug/l			
Chromium	5		ug/l				20		ug/l				4.3		ug/l				4.4		ug/l			
Cobalt	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Copper	8.2		ug/l				7.4		ug/l				1.5		ug/l				1.4		ug/l			
Cyanide																								
Iron	5	U	ug/l				170		ug/l				5	U	ug/l				5	U	ug/l			
Lead	44		ug/l				70		ug/l				1.9		ug/l				1.1		ug/l			
Lithium																								
Magnesium	11000		ug/l				7900		ug/l				6	U	ug/l				530		ug/l			
Manganese	57		ug/l				6.6		ug/l				0.1	U	ug/l				0.1	U	ug/l			
Mercury				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l
Molybdenum																								
Nickel	13		ug/l				16		ug/l				0.8	U	ug/l				0.8	U	ug/l			
Potassium	1300		ug/l				1100		ug/l				550		ug/l				460		ug/l			
Selenium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Silicon																								
Silver	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Sodium	4600		ug/l				4200		ug/l				140	U	ug/l				140	U	ug/l			
Strontium																								
Sulfur																								
Thallium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Titanium																								
Uranium																								
Vanadium	0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l			
Zinc	12000		ug/l				13000		ug/l				47		ug/l				14		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7526			PC7526			PC7527			PC7527			PC7528			PC7528			PC7529			PC7529		
Location Cross Ref.	HIL-SW-6			HIL-SW-6			CON-SW-4			CON-SW-4			CON-SW-5			CON-SW-5			CON-SW-6			CON-SW-6		
Location Type	Adit			Adit			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187548			187548			187553			187553			187554			187554			187555			187555		
Sample Date	07/16/1994			07/16/1994			07/16/1994			07/16/1994			07/16/1994			07/16/1994			07/16/1994			07/16/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7470			6010			7470			6010			7470			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	11	U	ug/l				11	U	ug/l				11	U	ug/l				11	U	ug/l			
Antimony	1	U	ug/l				1	U	ug/l				1	U	ug/l				1	U	ug/l			
Arsenic	2	U	ug/l				2	U	ug/l				2	U	ug/l				2	U	ug/l			
Barium	51		ug/l				10		ug/l				11		ug/l				9.3		ug/l			
Beryllium	0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l			
Cadmium	2.9		ug/l				3.1		ug/l				0.3	U	ug/l				0.3	U	ug/l			
Calcium	42000		ug/l				13000		ug/l				3600		ug/l				3100		ug/l			
Chromium	5.8		ug/l				6		ug/l				0.5	U	ug/l				0.5	U	ug/l			
Cobalt	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Copper	2.1		ug/l				0.3	U	ug/l				2.6		ug/l				0.3	U	ug/l			
Cyanide																								
Iron	220		ug/l				5	U	ug/l				200		ug/l				5	U	ug/l			
Lead	4.2		ug/l				16		ug/l				44		ug/l				1	U	ug/l			
Lithium																								
Magnesium	22000		ug/l				2800		ug/l				680		ug/l				680		ug/l			
Manganese	200		ug/l				3.3		ug/l				8.8		ug/l				0.1	U	ug/l			
Mercury				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l
Molybdenum																								
Nickel	8		ug/l				0.8	U	ug/l				0.8	U	ug/l				0.8	U	ug/l			
Potassium	1200		ug/l				1100		ug/l				510		ug/l				420		ug/l			
Selenium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Silicon																								
Silver	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Sodium	4900		ug/l				140	U	ug/l				140	U	ug/l				140	U	ug/l			
Strontium																								
Sulfur																								
Thallium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Titanium																								
Uranium																								
Vanadium	0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l			
Zinc	1700		ug/l				610		ug/l				250		ug/l				15		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7595			PC7595			PC7596			PC7596			PC7597			PC7597			PC7598			PC7598		
Location Cross Ref.	NAB-MW-1			NAB-MW-1			NAB-MW-2			NAB-MW-2			NAB-MW-3			NAB-MW-3			DEN-MW-2			DEN-MW-2		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187514			187514			187515			187515			187516			187516			187517			187517		
Sample Date	07/27/1994			07/27/1994			07/27/1994			07/27/1994			07/27/1994			07/27/1994			07/27/1994			07/27/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7470			6010			7470			6010			7470			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	11	U	ug/l				38		ug/l				67		ug/l				37		ug/l			
Antimony	7.2		ug/l				2.3		ug/l				6.2		ug/l				7.7		ug/l			
Arsenic	2	U	ug/l				2	U	ug/l				2	U	ug/l				2	U	ug/l			
Barium	40		ug/l				47		ug/l				12		ug/l				15		ug/l			
Beryllium	0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l			
Cadmium	98		ug/l				5.2		ug/l				0.3	U	ug/l				1		ug/l			
Calcium	140000		ug/l				68000		ug/l				3200		ug/l				6700		ug/l			
Chromium	0.5	U	ug/l				0.5	U	ug/l				0.5	U	ug/l				1.3		ug/l			
Cobalt	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Copper	45		ug/l				1.7		ug/l				3.4		ug/l				3.7		ug/l			
Cyanide																								
Iron	5	U	ug/l				5	U	ug/l				42		ug/l				48		ug/l			
Lead	1	U	ug/l				1	U	ug/l				1	U	ug/l				1.2		ug/l			
Lithium																								
Magnesium	57000		ug/l				29000		ug/l				1100		ug/l				2300		ug/l			
Manganese	11		ug/l				23		ug/l				25		ug/l				9.3		ug/l			
Mercury				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l
Molybdenum																								
Nickel	45		ug/l				11		ug/l				1.8		ug/l				26		ug/l			
Potassium	6200		ug/l				1900		ug/l				690		ug/l				910		ug/l			
Selenium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Silicon																								
Silver	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Sodium	12000		ug/l				8300		ug/l				3000		ug/l				2300		ug/l			
Strontium																								
Sulfur																								
Thallium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Titanium																								
Uranium																								
Vanadium	0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l			
Zinc	10000		ug/l				2000		ug/l				100		ug/l				320		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7599			PC7599			PC7600			PC7600			PC7601			PC7601			PC7603			PC7603		
Location Cross Ref.	DEN-MW-1			DEN-MW-1			DEN-MW-3			DEN-MW-3			CON-MW-1			CON-MW-1			CON-SW-1			CON-SW-1		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Spring/Seep			Spring/Seep		
(Ref) Source/Lab	(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187518			187518			187519			187519			187520			187520			187550			187550		
Sample Date	07/27/1994			07/27/1994			07/27/1994			07/27/1994			07/29/1994			07/29/1994			07/16/1994			07/16/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7470			6010			7470			6010			7470			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	130		ug/l				180		ug/l				82		ug/l				11	U	ug/l			
Antimony	6.3		ug/l				2.1		ug/l				3		ug/l				1	U	ug/l			
Arsenic	4		ug/l				2	U	ug/l				1	U	ug/l				2	U	ug/l			
Barium	10		ug/l				29		ug/l				26		ug/l				20		ug/l			
Beryllium	0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l			
Cadmium	0.3	U	ug/l				11		ug/l				11		ug/l				3.6		ug/l			
Calcium	14000		ug/l				11000		ug/l				5300		ug/l				7300		ug/l			
Chromium	0.5	U	ug/l				0.5	U	ug/l				0.5	U	ug/l				5.1		ug/l			
Cobalt	0.4	U	ug/l				0.4	U	ug/l				7.2		ug/l				0.4	U	ug/l			
Copper	2.7		ug/l				2.3		ug/l				5.5		ug/l				1.7		ug/l			
Cyanide																								
Iron	5	U	ug/l				5	U	ug/l				360		ug/l				5	U	ug/l			
Lead	1	U	ug/l				2.5		ug/l				11		ug/l				3		ug/l			
Lithium																								
Magnesium	6000		ug/l				4300		ug/l				870		ug/l				1200		ug/l			
Manganese	160		ug/l				80		ug/l				1400		ug/l				0.1	U	ug/l			
Mercury				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l
Molybdenum																								
Nickel	1.5		ug/l				10		ug/l				5.9		ug/l				0.8	U	ug/l			
Potassium	1200		ug/l				1400		ug/l				1700		ug/l				660		ug/l			
Selenium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Silicon																								
Silver	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Sodium	8500		ug/l				4200		ug/l				2800		ug/l				140	U	ug/l			
Strontium																								
Sulfur																								
Thallium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Titanium																								
Uranium																								
Vanadium	0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l			
Zinc	220		ug/l				3800		ug/l				4900		ug/l				1300		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7604			PC7604			PC7605			PC7605			PC7642			PC7642			PC7642			PC7643		
Location Cross Ref.	CON-SW-2			CON-SW-2			CON-SW-3			CON-SW-3			BE010			BE010			BE010			DEN10		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187551			187551			187552			187552			187592			187610			187662			187593		
Sample Date	07/16/1994			07/16/1994			07/16/1994			07/16/1994			*			03/01/1993			08/01/1993			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7470			6010			7470			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	11	U	ug/l				11	U	ug/l				120		ug/l	220		ug/l	22	U	ug/l	36		ug/l
Antimony	1	U	ug/l				1	U	ug/l															
Arsenic	2	U	ug/l				2	U	ug/l				4	U	ug/l	4	U	ug/l				4	U	ug/l
Barium	12		ug/l				11		ug/l				3.8		ug/l	4		ug/l	5.7		ug/l	21		ug/l
Beryllium	0.1	U	ug/l				0.1	U	ug/l															
Cadmium	0.3	U	ug/l				0.3	U	ug/l				0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	13		ug/l
Calcium	3700		ug/l				3500		ug/l				3100		ug/l	250		ug/l	5100		ug/l	13000		ug/l
Chromium	5		ug/l				0.5	U	ug/l															
Cobalt	0.4	U	ug/l				0.4	U	ug/l															
Copper	3.5		ug/l				3.8		ug/l				0.6	U	ug/l	3.5		ug/l	3		ug/l	0.6	U	ug/l
Cyanide																								
Iron	410		ug/l				190		ug/l				59		ug/l	120		ug/l	11		ug/l	8.8		ug/l
Lead	93		ug/l				68		ug/l				0.31		ug/l	0.31		ug/l	2	U	ug/l	4		ug/l
Lithium																								
Magnesium	710		ug/l				670		ug/l				1500		ug/l	1300		ug/l	2500		ug/l	5500		ug/l
Manganese	16		ug/l				1.9		ug/l				0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Mercury				0.2	U	ug/l				0.2	U	ug/l												
Molybdenum																								
Nickel	0.8	U	ug/l				0.8	U	ug/l															
Potassium	530		ug/l				500		ug/l				770		ug/l	440		ug/l	1200		ug/l	870		ug/l
Selenium	3	U	ug/l				3	U	ug/l															
Silicon													21		ug/l	8.2		ug/l	19		ug/l	16000		ug/l
Silver	0.4	U	ug/l				0.4	U	ug/l															
Sodium	140	U	ug/l				140	U	ug/l				2700		ug/l	2200		ug/l	3400		ug/l	2700		ug/l
Strontium																								
Sulfur																								
Thallium	3	U	ug/l				3	U	ug/l															
Titanium																								
Uranium																								
Vanadium	0.3	U	ug/l				0.3	U	ug/l															
Zinc	280		ug/l				110		ug/l				10		ug/l	5.2		ug/l	13		ug/l	6100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7643		PC7643		PC7644		PC7644		PC7644		PC7645		PC7645		PC7645	
Location Cross Ref.	DEN10		DEN10		DG010		DG010		DG010		GIL10		GIL10		GIL10	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	187611		187663		187594		187612		187664		187595		187613		187665	
Sample Date	03/01/1993		08/01/1993		*		03/01/1993		08/01/1993		*		03/01/1993		08/01/1993	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		D6010		D6010		D6010		D6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	150	ug/l	22 U	ug/l	22	ug/l	37	ug/l	22 U	ug/l	79	ug/l	35	ug/l	22 U	ug/l
Antimony																
Arsenic	4 U	ug/l	4 U	ug/l	4 U	ug/l	4 U	ug/l	4 U	ug/l	4 U	ug/l	4 U	ug/l	4 U	ug/l
Barium	17	ug/l	24	ug/l	6.7	ug/l	6.1	ug/l	8.7	ug/l	19	ug/l	8.5	ug/l	32	ug/l
Beryllium																
Cadmium	14	ug/l	16	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l
Calcium	7600	ug/l	11000	ug/l	2800	ug/l	2100	ug/l	3100	ug/l	6900	ug/l	2800	ug/l	11000	ug/l
Chromium																
Cobalt																
Copper	3.5	ug/l	3	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	2.2	ug/l	4.7	ug/l
Cyanide																
Iron	76	ug/l	10 U	ug/l	6	ug/l	11	ug/l	10 U	ug/l	25	ug/l	15	ug/l	5.8	ug/l
Lead	15	ug/l	4.3	ug/l	0.38	ug/l	0.13	ug/l	2 U	ug/l	3.7	ug/l	1.3	ug/l	2	ug/l
Lithium																
Magnesium	3300	ug/l	4500	ug/l	780	ug/l	550	ug/l	830	ug/l	1900	ug/l	760	ug/l	3000	ug/l
Manganese	6.9	ug/l	0.2 U	ug/l	1.2	ug/l	0.2 U	ug/l	0.2 U	ug/l	5.8	ug/l	3.3	ug/l	3.2	ug/l
Mercury																
Molybdenum																
Nickel																
Potassium	710	ug/l	1100	ug/l	590	ug/l	610	ug/l	46 U	ug/l	720	ug/l	550	ug/l	46 U	ug/l
Selenium																
Silicon	7.4	ug/l	17	ug/l	11	ug/l	4.4	ug/l	8.8	ug/l	11	ug/l	4.9	ug/l	9.8	ug/l
Silver																
Sodium	2000	ug/l	2900	ug/l	1100	ug/l	920	ug/l	1100	ug/l	1700	ug/l	1100	ug/l	2200	ug/l
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	5500	ug/l	5100	ug/l	14	ug/l	5.7	ug/l	7.4	ug/l	360	ug/l	190	ug/l	420	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7646		PC7646		PC7646		PC7647		PC7647		PC7647		PC7649		PC7649	
Location Cross Ref.	HIL10		HIL10		HIL10		TR010		TR010		TR010		EF010		EF010	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	187596		187614		187666		187597		187615		187667		187599		187617	
Sample Date	*		03/01/1993		08/01/1993		*		03/01/1993		08/01/1993		*		03/01/1993	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		D6010		D6010		D6010		D6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	24	ug/l	53	ug/l	22 U	ug/l	46	ug/l	34	ug/l	22 U	ug/l	39	ug/l	50	ug/l
Antimony																
Arsenic	4 U	ug/l	4 U	ug/l	4 U	ug/l	4 U	ug/l	4 U	ug/l	4 U	ug/l	4 U	ug/l	4 U	ug/l
Barium	8.7	ug/l	7.8	ug/l	10	ug/l	5.3	ug/l	4.7	ug/l	7.2	ug/l	9.9	ug/l	7.2	ug/l
Beryllium																
Cadmium	0.6 U	ug/l	2.6	ug/l	3.6	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l
Calcium	11000	ug/l	6800	ug/l	9900	ug/l	2000	ug/l	1800	ug/l	2500	ug/l	5600	ug/l	3300	ug/l
Chromium																
Cobalt																
Copper	0.6 U	ug/l	3.1	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	4.6	ug/l
Cyanide																
Iron	2.5	ug/l					17	ug/l	14	ug/l	10 U	ug/l	13	ug/l	18	ug/l
Lead	0.98	ug/l	3.8	ug/l	1.4	ug/l	0.08	ug/l	0.1	ug/l	2 U	ug/l	0.77	ug/l	1.6	ug/l
Lithium																
Magnesium	4500	ug/l	2900	ug/l	4100	ug/l	640	ug/l	520	ug/l	830	ug/l	2100	ug/l	1300	ug/l
Manganese	0.2 U	ug/l	9.7	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1.1	ug/l
Mercury																
Molybdenum																
Nickel																
Potassium	680	ug/l	460	ug/l	710	ug/l	590	ug/l	410	ug/l	540	ug/l	690	ug/l	46 U	ug/l
Selenium																
Silicon	14	ug/l	6.7	ug/l	11	ug/l	13	ug/l	5.7	ug/l	11	ug/l	3.7 U	ug/l	3.7 U	ug/l
Silver																
Sodium	2100	ug/l	1900	ug/l	1700	ug/l	1200	ug/l	1100	ug/l	1200	ug/l	1500	ug/l	90	ug/l
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1300	ug/l	1300	ug/l	1200	ug/l	5.8	ug/l	8.6	ug/l	11	ug/l	520	ug/l	390	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7649			PC7650			PC7650			PC7650			PC7651			PC7651			PC7651			PC7652		
Location Cross Ref.	EF010			EFO20			EFO20			EFO20			EF030			EF030			EF030			EF040		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187669			187600			187618			187670			187601			187619			187671			187602		
Sample Date	08/01/1993			*			03/01/1993			08/01/1993			*			03/01/1993			08/01/1993			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	22	U	ug/l	42		ug/l	41		ug/l	22	U	ug/l	22	U	ug/l	40		ug/l	22	U	ug/l	22	U	ug/l
Antimony																								
Arsenic	4	U	ug/l	4	U	ug/l	4	U	ug/l	4	U	ug/l	4	U	ug/l	4	U	ug/l	4	U	ug/l	4	U	ug/l
Barium	12		ug/l	8.7		ug/l	6.6		ug/l	11		ug/l	9.8		ug/l	7		ug/l	11		ug/l	9.1		ug/l
Beryllium																								
Cadmium	2.2		ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l
Calcium	5500		ug/l	4500		ug/l	2800		ug/l	5700		ug/l	5900		ug/l	3200		ug/l	5900		ug/l	5500		ug/l
Chromium																								
Cobalt																								
Copper	0.6	U	ug/l	0.6	U	ug/l	2.2		ug/l	0.6	U	ug/l	0.6	U	ug/l	3.1		ug/l	0.6	U	ug/l	0.6	U	ug/l
Cyanide																								
Iron	10	U	ug/l	14		ug/l	22		ug/l	10	U	ug/l	10	U	ug/l	16		ug/l	10	U	ug/l	10	U	ug/l
Lead	2	U	ug/l	1		ug/l	1.4		ug/l	2	U	ug/l	1.4		ug/l	3.1		ug/l	2	U	ug/l	1.1		ug/l
Lithium																								
Magnesium	2100		ug/l	1800		ug/l	1000		ug/l	2100		ug/l	2300		ug/l	1200		ug/l	2200		ug/l	2100		ug/l
Manganese	0.2	U	ug/l	1.2		ug/l	1.9		ug/l	0.2	U	ug/l	1.3		ug/l	2.4		ug/l	0.2	U	ug/l	0.2	U	ug/l
Mercury																								
Molybdenum																								
Nickel																								
Potassium	480		ug/l	630		ug/l	46	U	ug/l	510		ug/l	440		ug/l	46	U	ug/l	430		ug/l	460		ug/l
Selenium																								
Silicon	9.5		ug/l	3.7	U	ug/l	3.7	U	ug/l	11		ug/l	11		ug/l	4.4		ug/l	19		ug/l	11		ug/l
Silver																								
Sodium	1500		ug/l	1400		ug/l	1200		ug/l	1500		ug/l	1600		ug/l	1200		ug/l	1400		ug/l	1500		ug/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	370		ug/l	560		ug/l	380		ug/l	490		ug/l	770		ug/l	660		ug/l	560		ug/l	540		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7652		PC7652		PC7653		PC7653		PC7653		PC7654		PC7654		PC7654	
Location Cross Ref.	EF040		EF040		EF050		EF050		EF050		EF060		EF060		EF060	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	187620		187672		187603		187621		187673		187604		187622		187674	
Sample Date	03/01/1993		08/01/1993		*		03/01/1993		08/01/1993		*		03/01/1993		08/01/1993	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		D6010		D6010		D6010		D6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	29	ug/l	22 U	ug/l	22 U	ug/l	33	ug/l	23	ug/l	22 U	ug/l	22 U	ug/l	22 U	ug/l
Antimony																
Arsenic	4 U	ug/l	4 U	ug/l	4 U	ug/l	4 U	ug/l			4 U	ug/l	4 U	ug/l	4 U	ug/l
Barium	6.1	ug/l	11	ug/l	8.2	ug/l	6.1	ug/l	10	ug/l	7.8	ug/l	5.5	ug/l	11	ug/l
Beryllium																
Cadmium	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l
Calcium	2800	ug/l	6000	ug/l	3300	ug/l	2000	ug/l	3500	ug/l	2900	ug/l	1900	ug/l	3600	ug/l
Chromium																
Cobalt																
Copper	0.6 U	ug/l	7.2	ug/l	0.6 U	ug/l	0.6 U	ug/l	5.7	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l
Cyanide																
Iron	15	ug/l	6	ug/l	10 U	ug/l	8.8	ug/l	10 U	ug/l	10 U	ug/l	4.6	ug/l	4.4	ug/l
Lead	2.4	ug/l	1.4	ug/l	1.3	ug/l	1.6	ug/l	2 U	ug/l	1.7	ug/l	1.5	ug/l	1.7	ug/l
Lithium																
Magnesium	1000	ug/l	2300	ug/l	900	ug/l	520	ug/l	960	ug/l	700	ug/l	470	ug/l	890	ug/l
Manganese	1.4	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	3.2	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Mercury																
Molybdenum																
Nickel																
Potassium	46 U	ug/l	440	ug/l	570	ug/l	46 U	ug/l	530	ug/l	620	ug/l	46 U	ug/l	500	ug/l
Selenium																
Silicon	4.7	ug/l	9.5	ug/l	9.9	ug/l	4	ug/l	6.7	ug/l	8.7	ug/l	4.1	ug/l	6.4	ug/l
Silver																
Sodium	1200	ug/l	1400	ug/l	1100	ug/l	900	ug/l	1100	ug/l	800	ug/l	810	ug/l	950	ug/l
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	360	ug/l	560	ug/l	190	ug/l	140	ug/l	130	ug/l	200	ug/l	200	ug/l	140	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7655			PC7655			PC7655			PC7659			PC7660			PC7661			PC7662			PC7663		
Location Cross Ref.	EF070			EF070			EF070			SP001			SP002			SP003			SP004			SP005		
Location Type	River/Stream			River/Stream			River/Stream			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep		
(Ref) Source/Lab	(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187605			187623			187675			187628			187629			187630			187631			187632		
Sample Date	*			03/01/1993			08/01/1993			06/01/1993			06/01/1993			06/01/1993			06/01/1993			06/01/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	22	U	ug/l	20		ug/l	22	U	ug/l	39		ug/l	55		ug/l	22	U	ug/l	73		ug/l	880		ug/l
Antimony																								
Arsenic	4	U	ug/l	4	U	ug/l	4	U	ug/l	4	U	ug/l	4.5		ug/l	4	U	ug/l	4	U	ug/l	4	U	ug/l
Barium	5.8		ug/l	3.8		ug/l	8.8		ug/l	17		ug/l	9.4		ug/l	44		ug/l	6.4		ug/l	23		ug/l
Beryllium																								
Cadmium	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l
Calcium	2300		ug/l	1500		ug/l	3100		ug/l	15000		ug/l	33000		ug/l	32000		ug/l	4400		ug/l	2600		ug/l
Chromium																								
Cobalt																								
Copper	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l
Cyanide																								
Iron	10	U	ug/l	2.5		ug/l				38		ug/l	12000		ug/l	1100		ug/l	48		ug/l	480		ug/l
Lead	0.12		ug/l	0.094		ug/l	2	U	ug/l	2	U	ug/l	12		ug/l	2	U	ug/l	1.5		ug/l	1.7		ug/l
Lithium																								
Magnesium	630		ug/l	400		ug/l	900		ug/l	6700		ug/l	33000		ug/l	11000		ug/l	1700		ug/l	1100		ug/l
Manganese	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1100		ug/l	470		ug/l	3.8		ug/l	4.2		ug/l
Mercury																								
Molybdenum																								
Nickel																								
Potassium				46	U	ug/l	400		ug/l	610		ug/l	630		ug/l	46	U	ug/l	970		ug/l	1300		ug/l
Selenium																								
Silicon	8.5		ug/l	3.7		ug/l	6.6		ug/l				7.6		ug/l				7.5		ug/l	11		ug/l
Silver																								
Sodium	870		ug/l	800		ug/l	1000		ug/l	3900		ug/l	7400		ug/l	5000		ug/l	1800		ug/l	2500		ug/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	5.5		ug/l	3.8		ug/l	5.1		ug/l	6.5		ug/l	1000		ug/l	0.6	U	ug/l	780		ug/l	8.8		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7664			PC7665			PC7666			PC7667			PC7668			PC7669			PC7670			PC7671		
Location Cross Ref.	SP006			SP010			SPG07			SPNEW			ST002			ST004			ST005			ST007		
Location Type	Spring/Seep			Spring/Seep			Spring/Seep			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187633			187634			187635			187636			187637			187638			187639			187640		
Sample Date	06/01/1993			06/01/1993			06/01/1993			06/01/1993			06/01/1993			06/01/1993			06/01/1993			06/01/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	33		ug/l	22	U	ug/l	22	U	ug/l	38		ug/l	49		ug/l	22	U	ug/l	29		ug/l	22	U	ug/l
Antimony																								
Arsenic	4	U	ug/l	0.98		ug/l	4	U	ug/l	4	U	ug/l	4	U	ug/l	4	U	ug/l	4	U	ug/l	4	U	ug/l
Barium	4.5		ug/l	17		ug/l	13		ug/l	9.4		ug/l	5.2		ug/l	7.3		ug/l	3.9		ug/l	8		ug/l
Beryllium																								
Cadmium	0.6	U	ug/l	4.1		ug/l	4.2		ug/l	33		ug/l	3.6		ug/l	11		ug/l	6.8		ug/l	2.4		ug/l
Calcium	3100		ug/l	45000		ug/l	6500		ug/l	13000		ug/l	2400		ug/l	4500		ug/l	3100		ug/l	4800		ug/l
Chromium																								
Cobalt																								
Copper	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	4.2		ug/l	20		ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l
Cyanide																								
Iron	18		ug/l	82		ug/l	10	U	ug/l	21		ug/l	26		ug/l	9.7		ug/l	11		ug/l	16		ug/l
Lead	2	U	ug/l	3.1		ug/l	1.5		ug/l	40		ug/l	7.7		ug/l	24		ug/l	46		ug/l	3.1		ug/l
Lithium																								
Magnesium	1600		ug/l	17000		ug/l	4000		ug/l	6800		ug/l	1200		ug/l	2000		ug/l	1400		ug/l	2300		ug/l
Manganese	2.5		ug/l	22		ug/l	0.2	U	ug/l	120		ug/l	7.8		ug/l	10		ug/l	2.2		ug/l	4.6		ug/l
Mercury																								
Molybdenum																								
Nickel																								
Potassium	800		ug/l	1200		ug/l	440		ug/l	1100		ug/l	470		ug/l	550		ug/l	46	U	ug/l	500		ug/l
Selenium																								
Silicon	3.7	U	ug/l										6.5		ug/l	6.4		ug/l	6.3		ug/l			
Silver																								
Sodium	1600		ug/l	3500		ug/l	1900		ug/l	2200		ug/l	1900		ug/l	2000		ug/l	1900		ug/l	2500		ug/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	4.2		ug/l	3600		ug/l	2000		ug/l	13000		ug/l	780		ug/l	4100		ug/l	1900		ug/l	1200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7672			PC7673			PC7674			PC7675			PC7676			PC7677			PC7678			PC7679		
Location Cross Ref.	ST008			ST009			ST010			ST011			ST012			ST013			AD001			AD002		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			Adit			Adit		
(Ref) Source/Lab	(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187641			187642			187643			187644			187645			187646			187647			187648		
Sample Date	06/01/1993			06/01/1993			06/01/1993			06/01/1993			06/01/1993			06/01/1993			08/01/1993			08/01/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	22	U	ug/l	22	U	ug/l	22	U	ug/l	22	U	ug/l	22	U	ug/l	140		ug/l	22	U	ug/l	22	U	ug/l
Antimony																								
Arsenic	4	U	ug/l	4	U	ug/l	4	U	ug/l	4	U	ug/l	4	U	ug/l	4	U	ug/l	3.1		ug/l	4	U	ug/l
Barium	5.2		ug/l	5.2		ug/l	3.2		ug/l	5.1		ug/l	9.8		ug/l	12		ug/l	18		ug/l	9		ug/l
Beryllium																								
Cadmium	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	2.8		ug/l	9.1		ug/l	0.6	U	ug/l	0.6	U	ug/l
Calcium	3500		ug/l	2800		ug/l	2500		ug/l	1600		ug/l	10000		ug/l	4800		ug/l	43000		ug/l	73000		ug/l
Chromium																								
Cobalt																								
Copper	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	3.5		ug/l	0.6	U	ug/l
Cyanide																								
Iron	6.1		ug/l				10	U	ug/l	10	U	ug/l	21		ug/l				10	U	ug/l	11		ug/l
Lead	1.8		ug/l	1.8		ug/l	2	U	ug/l	2	U	ug/l	5.4		ug/l				2	U	ug/l	1.5		ug/l
Lithium																								
Magnesium	1300		ug/l	970		ug/l	750		ug/l	400		ug/l	4700		ug/l	2100		ug/l	20000		ug/l	30000		ug/l
Manganese	7.2		ug/l	7		ug/l	0.2	U	ug/l	0.2	U	ug/l	5.8		ug/l	2.1		ug/l	0.2	U	ug/l	7.9		ug/l
Mercury																								
Molybdenum																								
Nickel																								
Potassium	630		ug/l	560		ug/l	650		ug/l	46	U	ug/l	740		ug/l	610		ug/l	500		ug/l	910		ug/l
Selenium																								
Silicon																7.1		ug/l	15		ug/l	9.7		ug/l
Silver																								
Sodium	1100		ug/l	1100		ug/l	1300		ug/l	710		ug/l	2200		ug/l	2000		ug/l	9500		ug/l	7600		ug/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	540		ug/l	450		ug/l	0.6	U	ug/l	34		ug/l	1300		ug/l	3300		ug/l	61		ug/l	680		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7680			PC7681			PC7682			PC7683			PC7684			PC7685			PC7686			PC7687		
Location Cross Ref.	AD003			AD004			AD005			AD006			AD007			AD008			AD009			AD010		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER			(13) USFS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187649			187650			187651			187652			187653			187654			187655			187656		
Sample Date	08/01/1993			08/01/1993			08/01/1993			08/01/1993			08/01/1993			08/01/1993			08/01/1993			08/01/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	22	U	ug/l	4400		ug/l							22	U	ug/l	22	U	ug/l	25		ug/l	22	U	ug/l
Antimony																								
Arsenic	4	U	ug/l	2.3		ug/l							4	U	ug/l	0.9		ug/l	4	U	ug/l	4	U	ug/l
Barium	17		ug/l	9.3		ug/l							9.4		ug/l	22		ug/l	54		ug/l	23		ug/l
Beryllium																								
Cadmium	47		ug/l	230		ug/l							24		ug/l	1		ug/l	0.6	U	ug/l	0.6	U	ug/l
Calcium	69000		ug/l	77000		ug/l							33000		ug/l	120000		ug/l	46000		ug/l	19000		ug/l
Chromium																								
Cobalt																								
Copper	0.6	U	ug/l	140		ug/l							1.5		ug/l	10		ug/l	0.6	U	ug/l	0.6	U	ug/l
Cyanide																								
Iron	10	U	ug/l	5500		ug/l							7.5		ug/l	400		ug/l	8.1		ug/l	3500		ug/l
Lead	7.4		ug/l	2600		ug/l							17		ug/l	1.4		ug/l	2	U	ug/l	2	U	ug/l
Lithium																								
Magnesium	31000		ug/l	41000		ug/l							18000		ug/l	53000		ug/l	25000		ug/l	9900		ug/l
Manganese	62		ug/l	3100		ug/l							130		ug/l	830		ug/l	320		ug/l	610		ug/l
Mercury																								
Molybdenum																								
Nickel																								
Potassium	680		ug/l	580		ug/l							440		ug/l	400		ug/l	930		ug/l	850		ug/l
Selenium																								
Silicon	15		ug/l	12		ug/l	16		mg/l	6.5		mg/l	13		ug/l	15		ug/l	12		ug/l	25		ug/l
Silver																								
Sodium	4500		ug/l	4900		ug/l							4700		ug/l	8100		ug/l	3700		ug/l	5000		ug/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	26000		ug/l	74000		ug/l							8500		ug/l	10000		ug/l	2700		ug/l	12		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg01

Site Location	PC7689		PC7691		PC7693		PC7694		PC7695		PC7696		PC7697			
Location Cross Ref.	AD014		AD016		S0001		S0003		S0005		S0008		S0009			
Location Type	Adit		Adit		Spring/Seep		Spring/Seep		Spring/Seep		Spring/Seep		Spring/Seep			
(Ref) Source/Lab	(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER			
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water			
Depth Range in Ft.	-		-		-		-		-		-		-			
Sample Number	187658		187660		187680		187681		187682		187683		187684			
Sample Date	08/01/1993		08/01/1993		08/01/1993		08/01/1993		08/01/1993		08/01/1993		08/01/1993			
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample			
Analytical Method	D6010		D6010		D6010		D6010		D6010		D6010		D6010			
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	24		ug/l	2400		ug/l	22	U	ug/l	22	U	ug/l	22	U	ug/l	22		ug/l
Antimony																		
Arsenic	4	U	ug/l	4	U	ug/l	2.3		ug/l	4	U	ug/l	4	U	ug/l			
Barium	12		ug/l	7.3		ug/l	22		ug/l	55		ug/l	4		ug/l	8.2		ug/l	24		ug/l
Beryllium																		
Cadmium	0.6	U	ug/l	62		ug/l	0.6	U	ug/l	2.5		ug/l	0.6	U	ug/l	2.7		ug/l	12		ug/l
Calcium	26000		ug/l	27000		ug/l	44000		ug/l	45000		ug/l	12000		ug/l	5200		ug/l	12000		ug/l
Chromium																		
Cobalt																		
Copper	0.6	U	ug/l	1100		ug/l	0.6	U	ug/l	0.6	U	ug/l	0.6	U	ug/l				4		ug/l
Cyanide																		
Iron	1200		ug/l	1100		ug/l	10	U	ug/l	7.6		ug/l	280		ug/l	4.1		ug/l	58		ug/l
Lead	7.9		ug/l	820		ug/l	2	U	ug/l	1.9		ug/l	2	U	ug/l				7.3		ug/l
Lithium																		
Magnesium	18000		ug/l	18000		ug/l	20000		ug/l	24000		ug/l	13000		ug/l	2200		ug/l	5000		ug/l
Manganese	150		ug/l	1400		ug/l	0.2	U	ug/l	220		ug/l	120		ug/l	9.1		ug/l	9.6		ug/l
Mercury																		
Molybdenum																		
Nickel																		
Potassium	450		ug/l	400		ug/l	430		ug/l	930		ug/l	470		ug/l	870		ug/l	1200		ug/l
Selenium																		
Silicon	22		ug/l	25		ug/l	15		ug/l	12		ug/l	19		ug/l	16		ug/l	17		ug/l
Silver																		
Sodium	5300		ug/l	4100		ug/l	9200		ug/l	3600		ug/l	4100		ug/l	4100		ug/l	3100		ug/l
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	390		ug/l	16000		ug/l	28		ug/l	2100		ug/l	16		ug/l	920		ug/l	5100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg02

Site Location	PC311		PC311		PC311		PC311		PC311		PC311		PC311		PC7648	
Location Cross Ref.	PC311		PC311		PC311		PC311		PC311		PC311		PC311		WFP10	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(2) URS/MEL		(2) URS/LAUCKS		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(13) USFS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	168512		168512		46307		46307		186981		186981		186981		187598	
Sample Date	11/12/1997		11/12/1997		05/14/1998		05/14/1998		05/23/1999		05/23/1999		05/23/1999		*	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		D6010		6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	23	ug/l	59 U	ug/l	50 U	ug/l	50 U	ug/l							40	ug/l
Antimony	0.5 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l								
Arsenic	0.11	ug/l	0.16 U	ug/l	2 U	ug/l	2 U	ug/l							4 U	ug/l
Barium	8.7	ug/l	9.6 J	ug/l	6	ug/l	5	ug/l							12	ug/l
Beryllium	1 U	ug/l	0.35 U	ug/l	0.2 U	ug/l	0.2 U	ug/l								
Cadmium	0.04 U	ug/l	0.069 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l					0.6 U	ug/l
Calcium	2200	ug/l	2300	ug/l	1600	ug/l	1600	ug/l	1500	ug/l					3200	ug/l
Chromium	5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l								
Cobalt	5 U	ug/l	5 U	ug/l	10 U	ug/l	10 U	ug/l								
Copper	0.5 U	ug/l	0.52 J	ug/l	2 U	ug/l	2 U	ug/l							0.6 U	ug/l
Cyanide																
Iron	10 U	ug/l	9.4 U	ug/l	20 U	ug/l	20	ug/l			40 U	ug/l	10	ug/l	17	ug/l
Lead	0.1 U	ug/l	0.15 J	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l					0.37	ug/l
Lithium																
Magnesium	640	ug/l	650	ug/l	470	ug/l	480	ug/l	440	ug/l					970	ug/l
Manganese	1 U	ug/l	2.3 J	ug/l	5 U	ug/l	5 U	ug/l					1 U	ug/l	0.2 U	ug/l
Mercury	0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l								
Molybdenum																
Nickel	0.3 U	ug/l	5 U	ug/l	20 U	ug/l	20 U	ug/l								
Potassium	700 U	ug/l	590 J	ug/l	2000 U	ug/l	2000 U	ug/l							640	ug/l
Selenium	1 U	ug/l	0.21 U	ug/l	2 U	ug/l	2 U	ug/l								
Silicon															3.7 U	ug/l
Silver	0.03 U	ug/l	0.22 U	ug/l	0.2 U	ug/l	0.2 U	ug/l								
Sodium	970	ug/l	1000	ug/l	780	ug/l	730	ug/l	700	ug/l					1400	ug/l
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.017 U	ug/l	0.2 U	ug/l	0.2 U	ug/l								
Titanium																
Uranium																
Vanadium	3 U	ug/l	2 U	ug/l	10 U	ug/l	10 U	ug/l								
Zinc	2.5	ug/l	13 U	ug/l	10 U	ug/l	10 U	ug/l	1 U	ug/l					12	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg02

Site Location	PC7648		PC7648		
Location Cross Ref.	WFP10		WFP10		
Location Type	River/Stream		River/Stream		
(Ref) Source/Lab	(13) USFS/OTHER		(13) USFS/OTHER		
Matrix Type	Surface Water		Surface Water		
Depth Range in Ft.	-		-		
Sample Number	187616		187668		
Sample Date	03/01/1993		08/01/1993		
Sample Type	Environ. Sample		Environ. Sample		
Analytical Method	D6010		D6010		
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	
Aluminum	46	ug/l	22 U	ug/l	
Antimony					
Arsenic	4 U	ug/l	4 U	ug/l	
Barium	6.8	ug/l	10	ug/l	
Beryllium					
Cadmium	0.6 U	ug/l	0.6 U	ug/l	
Calcium	2000	ug/l	2800	ug/l	
Chromium					
Cobalt					
Copper	0.6 U	ug/l	5.2	ug/l	
Cyanide					
Iron	18	ug/l	10 U	ug/l	
Lead	0.18	ug/l	2 U	ug/l	
Lithium					
Magnesium	590	ug/l	870	ug/l	
Manganese	0.2 U	ug/l	0.2 U	ug/l	
Mercury					
Molybdenum					
Nickel					
Potassium	46 U	ug/l	46 U	ug/l	
Selenium					
Silicon	3.7 U	ug/l	7	ug/l	
Silver					
Sodium	1100	ug/l	1100	ug/l	
Strontium					
Sulfur					
Thallium					
Titanium					
Uranium					
Vanadium					
Zinc	7.7	ug/l	11	ug/l	

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC100			PC100			PC101			PC101			PC101			PC101			PC101			PC101		
Location Cross Ref.							PINEHURST			PINEHURST			PINEHURST			PINEHURST			PINEHURST			PINEHURST		
Location Type	River/Stream			River/Stream			Production Well			Production Well			Production Well			Production Well			Production Well			Production Well		
(Ref) Source/Lab	(11) URS/LAUCKS			(11) URS/LAUCKS			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	49062			49062			49069			49069			49069			49069			49069			49069		
Sample Date	11/16/1998			11/16/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998			12/02/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	68	U	ug/l	68	U	ug/l				50	U	ug/l										50	U	ug/l
Antimony	0.74	U	ug/l	0.83	U	ug/l							1	U	ug/l									
Arsenic	0.29	J	ug/l	0.2	U	ug/l							1	U	ug/l									
Barium	16	U	ug/l	16	U	ug/l				8.5	J	ug/l										8.5	J	ug/l
Beryllium	0.28	U	ug/l	0.28	U	ug/l				1	U	ug/l										1	U	ug/l
Cadmium	1.1		ug/l	1.2		ug/l				1	U	ug/l										1	U	ug/l
Calcium	5700		ug/l	5700		ug/l				3900		ug/l										4100		ug/l
Chromium	0.058	U	ug/l	0.058	U	ug/l				5	U	ug/l										5	U	ug/l
Cobalt	0.037	U	ug/l	0.037	U	ug/l				5	U	ug/l										5	U	ug/l
Copper	0.41	U	ug/l	0.32	U	ug/l				5	U	ug/l										6.2		ug/l
Cyanide																								
Iron	6.9	U	ug/l	6.9	U	ug/l				50	U	ug/l										57	J	ug/l
Lead	0.82	J	ug/l	0.39	J	ug/l							1	U	ug/l									
Lithium																								
Magnesium	2000		ug/l	2000		ug/l				1200		ug/l										1300		ug/l
Manganese	1.5	U	ug/l	1.5	U	ug/l				5.7	J	ug/l										5	U	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l										0.2	U	ug/l			
Molybdenum																								
Nickel	5.7	U	ug/l	5.7	U	ug/l				5	U	ug/l										5	U	ug/l
Potassium	570	U	ug/l	640	U	ug/l										490	J	ug/l						
Selenium	0.32	J	ug/l	0.36	U	ug/l							1	U	ug/l									
Silicon																								
Silver	4.5	U	ug/l	4.5	U	ug/l				5	U	ug/l										5	U	ug/l
Sodium	1600	J	ug/l	1600	J	ug/l										1700		ug/l						
Strontium																								
Sulfur																								
Thallium	0.03	U	ug/l	0.03	U	ug/l							1	U	ug/l									
Titanium																								
Uranium																								
Vanadium	3.2	U	ug/l	3.2	U	ug/l				5	U	ug/l										5	U	ug/l
Zinc	230		ug/l	230		ug/l				27		ug/l										26		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC101			PC101			PC305			PC305			PC305			PC305			PC305			PC305		
Location Cross Ref.	PINEHURST			PINEHURST			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1		
Location Type	Production Well			Production Well			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Groundwater			Groundwater			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	49069			49069			174167			174167			174168			174168			174171			174171		
Sample Date	12/02/1998			12/02/1998			10/29/1993			10/29/1993			12/01/1993			12/01/1993			12/21/1993			12/21/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	1	U	ug/l																					
Arsenic	1	U	ug/l																					
Barium																								
Beryllium																								
Cadmium							0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	3.2		ug/l				6		ug/l	6		ug/l	13		ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium				490	J	ug/l																		
Selenium	1	U	ug/l																					
Silicon																								
Silver																								
Sodium				1500		ug/l																		
Strontium																								
Sulfur																								
Thallium	1	U	ug/l																					
Titanium																								
Uranium																								
Vanadium																								
Zinc							120		ug/l	130		ug/l	110		ug/l	110		ug/l	120		ug/l	120		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC305			PC305			PC305			PC305			PC305			PC305			PC305			PC305		
Location Cross Ref.	PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174172			174172			174174			174174			174175			174175			174176			174176		
Sample Date	01/21/1994			01/21/1994			02/17/1994			02/17/1994			03/08/1994			03/08/1994			03/23/1994			03/23/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.6		ug/l	0.25	U	ug/l	0.25	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	110		ug/l	100		ug/l	91		ug/l	95		ug/l	130		ug/l	140		ug/l	120		ug/l	120		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC305			PC305			PC305			PC305			PC305			PC305			PC305			PC305		
Location Cross Ref.	PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174178			174178			174179			174179			174181			174181			174184			174184		
Sample Date	04/08/1994			04/08/1994			04/18/1994			04/18/1994			05/03/1994			05/03/1994			05/19/1994			05/19/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	1.3		ug/l	0.7		ug/l	0.25	U	ug/l	0.25	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	6		ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	96		ug/l	100		ug/l	60		ug/l	57		ug/l	74		ug/l	71		ug/l	76		ug/l	73		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC305			PC305			PC305			PC305			PC305			PC305			PC305			PC305		
Location Cross Ref.	PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174186			174186			174188			174188			174192			174192			174194			174194		
Sample Date	06/08/1994			06/08/1994			06/24/1994			06/24/1994			08/17/1994			08/17/1994			09/26/1994			09/26/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.25	U	ug/l	0.25	U	ug/l	0.3	J	ug/l	0.4	J	ug/l	0.5	J	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	5	J	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	2.5	J	ug/l	8		ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	83		ug/l	86		ug/l	68		ug/l	78		ug/l	89		ug/l	89		ug/l	99		ug/l	100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC305			PC305			PC305			PC305			PC305			PC305			PC305			PC305		
Location Cross Ref.	PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174196			174196			174197			174197			174198			174198			174199			174199		
Sample Date	10/05/1994			10/05/1994			11/16/1994			11/16/1994			12/14/1994			12/14/1994			01/10/1995			01/10/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	1.4		ug/l	1.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	24		ug/l	5		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	100		ug/l	98		ug/l	110		ug/l	130		ug/l	130		ug/l	120		ug/l	370		ug/l	400		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC305			PC305			PC305			PC305			PC305			PC305			PC305			PC305		
Location Cross Ref.	PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174200			174200			174201			174201			174203			174203			174205			174205		
Sample Date	02/09/1995			02/09/1995			03/22/1995			03/22/1995			04/14/1995			04/14/1995			04/27/1995			04/27/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.1		ug/l	0.9		ug/l	2.2		ug/l	1.2		ug/l	2.5		ug/l	1		ug/l	1.2		ug/l	3.2		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	10		ug/l	1.5	U	ug/l	9		ug/l	4		ug/l	5	J	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	230		ug/l	220		ug/l	220		ug/l	200		ug/l	180		ug/l	150		ug/l	110		ug/l	100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC305			PC305			PC305			PC305			PC305			PC305			PC305			PC305		
Location Cross Ref.	PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174207			174207			174209			174209			174211			174211			174213			174213		
Sample Date	05/11/1995			05/11/1995			05/24/1995			05/24/1995			06/12/1995			06/12/1995			06/27/1995			06/27/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.4		ug/l	2		ug/l	0.8		ug/l	0.5	J	ug/l	0.5	J	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	2.5	U	ug/l	3	J	ug/l	2.5	U	ug/l	1.5	U	ug/l	5	J	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	96		ug/l	77		ug/l	84		ug/l	82		ug/l	87		ug/l	85		ug/l	87		ug/l	88		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC305			PC305			PC305			PC305			PC305			PC305			PC305			PC305		
Location Cross Ref.	PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174215			174215			174217			174217			174219			174219			174221			174221		
Sample Date	07/11/1995			07/11/1995			07/25/1995			07/25/1995			08/14/1995			08/14/1995			09/13/1995			09/13/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.25	U	ug/l	0.3	J	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	4		ug/l	2.5	U	ug/l	1.5	U	ug/l	8		ug/l	4		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	86		ug/l	85		ug/l	89		ug/l	89		ug/l	100		ug/l	100		ug/l	100		ug/l	97		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC305			PC305			PC305			PC305			PC305			PC305			PC305			PC305		
Location Cross Ref.	PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174224			174224			174227			174227			174230			174230			174233			174233		
Sample Date	10/18/1995			10/18/1995			11/22/1995			11/22/1995			12/27/1995			12/27/1995			01/18/1996			01/18/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.25	U	ug/l	0.25	U	ug/l	0.6		ug/l	0.6		ug/l	1		ug/l	0.8		ug/l	0.7		ug/l	1.1		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	2.5	U	ug/l	2.5	J	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	8		ug/l	4		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	110		ug/l	110		ug/l	110		ug/l	120		ug/l	160		ug/l	150		ug/l	140		ug/l	130		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC305			PC305			PC305			PC305			PC305			PC305			PC305			PC305		
Location Cross Ref.	PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174234			174234			174236			174236			174239			174239			174241			174241		
Sample Date	02/28/1996			02/28/1996			03/27/1996			03/27/1996			04/18/1996			04/18/1996			05/08/1996			05/08/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.6		ug/l	0.6		ug/l	0.6		ug/l	0.7		ug/l	0.25	U	ug/l	0.25	U	ug/l	0.5	J	ug/l	0.5	J	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	5	J	ug/l	1.5	U	ug/l	5	J	ug/l	3	J	ug/l	13		ug/l	11		ug/l	6		ug/l	4		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	410		ug/l	200		ug/l	200		ug/l	280		ug/l	130		ug/l	130		ug/l	130		ug/l	150		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC305			PC305			PC305			PC305			PC305			PC305			PC305			PC305		
Location Cross Ref.	PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174243			174243			174253			174253			174255			174255			174257			174257		
Sample Date	06/19/1996			06/19/1996			07/24/1996			07/24/1996			08/21/1996			08/21/1996			09/26/1996			09/26/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.6		ug/l	0.6		ug/l	0.8		ug/l	0.8		ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.9		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	10		ug/l	5		ug/l	7		ug/l	5		ug/l	5	J	ug/l	1.5	U	ug/l	7		ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	110		ug/l	190		ug/l	100		ug/l	110		ug/l	100		ug/l	97		ug/l	110		ug/l	110		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC305		PC305		PC305		PC305		PC305		PC305		PC305		PC305	
Location Cross Ref.	PC-1		PC-1		PC-1		PC-1		PC-1		PC-1		PC-1		PC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	186011		186011		186025		186025		172684		172684		172538		172538	
Sample Date	10/29/1996		10/29/1996		11/26/1996		11/26/1996		02/04/1997		02/04/1997		04/24/1997		04/24/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony									45 U	ug/l	45 U	ug/l	45 U	ug/l	45 U	ug/l
Arsenic									4.5 U	ug/l	1.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l
Barium																
Beryllium																
Cadmium	0.00025	mg/l	0.00025	mg/l	0.0005	mg/l	0.00025	mg/l	3 U	ug/l	3 U	ug/l	3 U	ug/l	3 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper									3.2	ug/l	3 U	ug/l	3 U	ug/l	3 U	ug/l
Cyanide																
Iron																
Lead	0.00025	mg/l	0.00015	mg/l	0.005	mg/l	0.003	mg/l	13	ug/l	1.5 U	ug/l	12	ug/l	1.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury									0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	0.1	mg/l	0.099	mg/l	0.15	mg/l	0.16	mg/l	150	ug/l	130	ug/l	140	ug/l	110	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC305			PC305			PC305			PC305			PC313			PC313			PC313			PC313		
Location Cross Ref.	PC-1			PC-1			PC-1			PC-1			PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172356			172356			172265			172265			186041			186041			186058			186058		
Sample Date	10/12/1997			10/12/1997			02/17/1998			02/17/1998			12/17/1996			12/17/1996			01/29/1997			01/29/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l												
Arsenic	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l												
Barium																								
Beryllium																								
Cadmium	0.005	J	mg/l	0.004	U	mg/l	0.004	U	mg/l	0.004	U	mg/l	0.0006		mg/l	0.0008		mg/l	0.0005		mg/l	0.00025		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l												
Cyanide																								
Iron																								
Lead	0.003	U	mg/l	0.003	U	mg/l	0.003	U	mg/l	0.003	U	mg/l	0.006		mg/l	0.0015		mg/l	0.0025		mg/l	0.0015		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l												
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.08		mg/l	0.08		mg/l	0.23		mg/l	0.23		mg/l	0.16		mg/l	0.17		mg/l	0.14		mg/l	0.12		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC313			PC313			PC313			PC313			PC313			PC313			PC313			PC313		
Location Cross Ref.	PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186076			186076			186096			186096			186116			186116			186136			186136		
Sample Date	02/19/1997			02/19/1997			03/27/1997			03/27/1997			04/17/1997			04/17/1997			05/15/1997			05/15/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0086		mg/l	0.0024		mg/l	0.0007		mg/l	0.0006		mg/l	0.001		mg/l	0.0017		mg/l	0.0008		mg/l	0.0012		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.019		mg/l	0.004		mg/l	0.014		mg/l	0.003		mg/l	0.008		mg/l	0.003		mg/l	0.037		mg/l	0.0015		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.17		mg/l	0.16		mg/l	0.16		mg/l	0.15		mg/l	0.15		mg/l	0.14		mg/l	0.12		mg/l	0.072		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC313			PC313			PC313			PC313			PC313			PC313		
Location Cross Ref.	PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	186156			186156			186176			186176			186255			186274		
Sample Date	06/24/1997			06/24/1997			07/23/1997			07/23/1997			11/24/1997			12/18/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	0.00025		mg/l	0.00025		mg/l	0.0005		mg/l	0.0005		mg/l	0.0006		mg/l	0.0005		mg/l	0.0018		mg/l	0.0008		mg/l
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	0.0025		mg/l	0.0025		mg/l	0.007		mg/l	0.0015		mg/l	0.0025		mg/l	0.0015		mg/l	0.006		mg/l	0.003		mg/l
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	0.076		mg/l	0.074		mg/l	0.12		mg/l	0.12		mg/l	0.12		mg/l	0.11		mg/l	0.16		mg/l	0.13		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC313			PC313			PC313			PC313			PC313			PC313			PC313			PC313		
Location Cross Ref.	PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186293			186293			186312			186312			186331			186331			186350			186350		
Sample Date	01/22/1998			01/22/1998			02/25/1998			02/25/1998			03/20/1998			03/20/1998			04/24/1998			04/24/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0085		mg/l	0.0086		mg/l	0.00025		mg/l	0.0005		mg/l	0.00025		mg/l	0.00025		mg/l	0.0025		mg/l	0.0022		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.2		mg/l	0.036		mg/l	0.0025		mg/l	0.0015		mg/l	0.0025		mg/l	0.0015		mg/l	0.008		mg/l	0.003		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.2		mg/l	1.2		mg/l	0.12		mg/l	0.12		mg/l	0.12		mg/l	0.11		mg/l	0.066		mg/l	0.066		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC313			PC313			PC313			PC313			PC313			PC313			PC313			PC313		
Location Cross Ref.	PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2			PC313/PC-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/COLUMBWA			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(11) URS/LAUCKS			(11) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46306			46306			202231			202231			202255			202255			49063			49063		
Sample Date	05/14/1998			05/14/1998			05/25/1998			05/25/1998			06/25/1998			06/25/1998			11/16/1998			11/16/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l													68	U	ug/l	68	U	ug/l
Antimony	1.2		ug/l	1.2		ug/l													9.3		ug/l	8.7		ug/l
Arsenic	2	U	ug/l	2	U	ug/l													0.41	J	ug/l	0.27	J	ug/l
Barium	7		ug/l	6		ug/l													15	U	ug/l	16	U	ug/l
Beryllium	0.2	U	ug/l	0.2	U	ug/l													0.28	U	ug/l	0.28	U	ug/l
Cadmium	0.2		ug/l	0.2		ug/l	0.5		ug/l	0.5		ug/l	0.6		ug/l	0.7		ug/l	0.2	U	ug/l	0.19	U	ug/l
Calcium	2000		ug/l	2000		ug/l													3600		ug/l	3900		ug/l
Chromium	5	U	ug/l	5	U	ug/l													0.17	J	ug/l	0.11	J	ug/l
Cobalt	10	U	ug/l	10	U	ug/l													0.037	U	ug/l	0.037	U	ug/l
Copper	2	U	ug/l	2	U	ug/l													0.44	U	ug/l	0.31	U	ug/l
Cyanide																								
Iron	20	U	ug/l	23		ug/l													6.9	U	ug/l	6.9	U	ug/l
Lead	0.3		ug/l	0.4		ug/l	5	U	ug/l	3	U	ug/l	5	U	ug/l	8		ug/l	1.4	J	ug/l	0.36	J	ug/l
Lithium																								
Magnesium	650		ug/l	640		ug/l													1100		ug/l	1200		ug/l
Manganese	5	U	ug/l	5	U	ug/l													2.5	U	ug/l	2	U	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l													0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	20	U	ug/l	20	U	ug/l													5.7	U	ug/l	5.7	U	ug/l
Potassium	2000	U	ug/l	2000	U	ug/l													690	U	ug/l	720	J	ug/l
Selenium	2	U	ug/l	2	U	ug/l													0.36	U	ug/l	0.36	U	ug/l
Silicon																								
Silver	0.2	U	ug/l	0.2	U	ug/l													4.5	U	ug/l	4.5	U	ug/l
Sodium	890		ug/l	840		ug/l													1400	J	ug/l	1500	J	ug/l
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.2	U	ug/l													0.03	U	ug/l	0.03	U	ug/l
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	10	U	ug/l													3.2	U	ug/l	3.2	U	ug/l
Zinc	62		ug/l	62		ug/l	100		ug/l	100		ug/l	120		ug/l	130		ug/l	98		ug/l	97		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC313			PC313			PC314			PC314			PC314			PC314			PC315			PC315		
Location Cross Ref.	PC313/PC-2			PC313/PC-2			PC314			PC314			PC314			PC314			PC315			PC315		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(23) URS/SWRI			(23) URS/SWRI			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	61447			61447			168514			168514			46305			46305			168515			168515		
Sample Date	12/03/1999			12/03/1999			11/11/1997			11/11/1997			05/14/1998			05/14/1998			11/04/1997			11/04/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	55	J	ug/l	20	U	ug/l	56	U	ug/l	50	U	ug/l	50	U	ug/l	20	U	ug/l	26	U	ug/l
Antimony	2	U	ug/l	2	U	ug/l	0.5		ug/l	0.67	U	ug/l	0.5		ug/l	0.4		ug/l	3.4		ug/l	3.6	J	ug/l
Arsenic	1	U	ug/l	1	U	ug/l	0.18		ug/l	0.16	U	ug/l	2	U	ug/l	2	U	ug/l	0.35		ug/l	0.39	J	ug/l
Barium	9.8	J	ug/l	10	J	ug/l	13		ug/l	14	J	ug/l	12		ug/l	10		ug/l	13		ug/l	13	J	ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	0.35	U	ug/l
Cadmium	0.5	U	ug/l	0.5	U	ug/l	0.042		ug/l	0.069	U	ug/l	0.2		ug/l	0.2	U	ug/l	0.4		ug/l	0.29	J	ug/l
Calcium	3000		ug/l	3100		ug/l	3800		ug/l	4000		ug/l	3100		ug/l	3200		ug/l	3800		ug/l	3700		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6.4		ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	5	U	ug/l	5	U	ug/l	0.5	U	ug/l	0.49	J	ug/l	2	U	ug/l	2	U	ug/l	0.5	U	ug/l	0.36	J	ug/l
Cyanide																								
Iron	25	U	ug/l	25	U	ug/l	19		ug/l	35	U	ug/l	27		ug/l	58		ug/l	10	U	ug/l	5	U	ug/l
Lead	0.5	U	ug/l	0.62	J	ug/l	0.29		ug/l	0.67		ug/l	0.2		ug/l	0.6		ug/l	0.27		ug/l	0.62		ug/l
Lithium																								
Magnesium	960		ug/l	990		ug/l	1400		ug/l	1300		ug/l	1100		ug/l	1100		ug/l	1300		ug/l	1200		ug/l
Manganese	5	U	ug/l	5	U	ug/l	3.8		ug/l	4.3	J	ug/l	7		ug/l	8		ug/l	2.6		ug/l	3.7	J	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	UJ	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	0.74		ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l	0.54		ug/l	5	U	ug/l
Potassium	410	J	ug/l	520	J	ug/l	900		ug/l	820		ug/l	2000	U	ug/l	2000	U	ug/l	700	U	ug/l	620	J	ug/l
Selenium	2	U	ug/l	2	U	ug/l	1	U	ug/l	0.21	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.03	U	ug/l	0.22	U	ug/l
Sodium	1100		ug/l	1100		ug/l	1600		ug/l	1600		ug/l	1600		ug/l	1600		ug/l	1300		ug/l	1400		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l	3	U	ug/l	2	U	ug/l
Zinc	110		ug/l	120		ug/l	62		ug/l	70		ug/l	64		ug/l	66		ug/l	100		ug/l	110		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC315		PC315		PC315		PC315		PC315		PC315		PC315		PC315	
Location Cross Ref.	PC315		PC315		PC315		PC315		PC315		PC315		PC315		PC315	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(2) URS/MEL		(2) URS/LAUCKS		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(3) URS/SWRI		(3) URS/SWRI		(18) USGS/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	168525		168525		46304		46304		46645		46645		186994		186994	
Sample Date	11/11/1997		11/11/1997		05/14/1998		05/14/1998		05/18/1998		05/18/1998		05/25/1999		05/25/1999	
Sample Type	Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	20 U	ug/l	92 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l				
Antimony	4	ug/l	4.4 J	ug/l	1.1	ug/l	1.1	ug/l	0.5 U	ug/l	0.5 U	ug/l				
Arsenic	0.21	ug/l	0.3 UJ	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l				
Barium	12	ug/l	13 J	ug/l	8	ug/l	5	ug/l	6.8	ug/l	6.8	ug/l				
Beryllium	1 U	ug/l	0.35 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l	1 U	ug/l				
Cadmium	0.26	ug/l	0.26 J	ug/l	0.4	ug/l	0.5	ug/l	0.32	ug/l	0.33	ug/l			1 U	ug/l
Calcium	3500	ug/l	3600	ug/l	2100	ug/l	2000	ug/l	2100	ug/l	2100	ug/l			1400	ug/l
Chromium	5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l				
Cobalt	5 U	ug/l	5 U	ug/l	10 U	ug/l	10 U	ug/l	5 U	ug/l	5 U	ug/l				
Copper	0.5 U	ug/l	0.51 J	ug/l	2 U	ug/l	2 U	ug/l	3 U	ug/l	3 U	ug/l				
Cyanide																
Iron	10 U	ug/l	11 U	ug/l	46	ug/l	28	ug/l	20 U	ug/l	20 U	ug/l				
Lead	0.22	ug/l	0.39 J	ug/l	0.8	ug/l	2.3	ug/l	1.1	ug/l	0.51	ug/l	30	ug/l	1 U	ug/l
Lithium																
Magnesium	1200	ug/l	1100	ug/l	700	ug/l	670	ug/l	680	ug/l	660	ug/l			430	ug/l
Manganese	1.3	ug/l	3 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l				
Mercury	0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l				
Molybdenum																
Nickel	0.54	ug/l	5 U	ug/l	20 U	ug/l	20 U	ug/l	5 U	ug/l	5 U	ug/l				
Potassium	1100 J	ug/l	600 J	ug/l	2000 U	ug/l	2000 U	ug/l	350	ug/l	220	ug/l				
Selenium	1 U	ug/l	0.21 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l				
Silicon																
Silver	0.03 U	ug/l	0.22 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.3 U	ug/l	0.3 U	ug/l				
Sodium	1300	ug/l	1300	ug/l	970	ug/l	880	ug/l	780	ug/l	770	ug/l			710	ug/l
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.37 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.1 U	ug/l				
Titanium																
Uranium																
Vanadium	3 U	ug/l	2 U	ug/l	10 U	ug/l	10 U	ug/l	5 U	ug/l	5 U	ug/l				
Zinc	94	ug/l	99	ug/l	68	ug/l	66	ug/l	70	ug/l	70	ug/l	80	ug/l	40	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC315		PC315		PC329		PC329		PC329		PC329		PC330		PC330	
Location Cross Ref.	PC315		PC315		AD329		AD329		AD329		AD329		AD330		AD330	
Location Type	River/Stream		River/Stream		Spring/Seep		Spring/Seep		Spring/Seep		Spring/Seep		Adit		Adit	
(Ref) Source/Lab	(18) USGS/OTHER		(18) USGS/OTHER		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	186994		186994		168528		168528		46368		46368		186196		186196	
Sample Date	05/25/1999		05/25/1999		11/13/1997		11/13/1997		05/12/1998		05/12/1998		08/14/1997		08/14/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum					20 U	ug/l	36 U	ug/l	50 U	ug/l	50 U	ug/l				
Antimony					2.1	ug/l	2.3 J	ug/l	1.1	ug/l	1.1	ug/l				
Arsenic					0.96	ug/l	1	ug/l	1 U	ug/l	1 U	ug/l				
Barium					15	ug/l	14 J	ug/l	9.5	ug/l	9.6	ug/l				
Beryllium					1 U	ug/l	0.35 U	ug/l	1 U	ug/l	1 U	ug/l				
Cadmium					4.1	ug/l	3.7	ug/l	1.3	ug/l	1.2	ug/l	0.0005	mg/l	0.0005	mg/l
Calcium					5500	ug/l	5000	ug/l	3700	ug/l	3600	ug/l				
Chromium					5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l				
Cobalt					5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l				
Copper					2.7	ug/l	2.8 J	ug/l	3 U	ug/l	3 U	ug/l				
Cyanide																
Iron	970	ug/l	970	ug/l	100	ug/l	130	ug/l	20 U	ug/l	24	ug/l				
Lead					42	ug/l	38	ug/l	7.6	ug/l	12	ug/l	0.0025	mg/l	0.003	mg/l
Lithium																
Magnesium					1900	ug/l	1700	ug/l	1400	ug/l	1300	ug/l				
Manganese	2.7	ug/l	54	ug/l	150	ug/l	140	ug/l	18	ug/l	18	ug/l				
Mercury					0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l				
Molybdenum																
Nickel					1.6	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l				
Potassium					700 U	ug/l	540 J	ug/l	350	ug/l	350	ug/l				
Selenium					1 U	ug/l	0.21 U	ug/l	1 U	ug/l	1 U	ug/l				
Silicon																
Silver					0.03 U	ug/l	0.22 U	ug/l	0.3 U	ug/l	0.3 U	ug/l				
Sodium					1600	ug/l	1500	ug/l	1000	ug/l	1000	ug/l				
Strontium																
Sulfur																
Thallium					0.5 U	ug/l	0.017 U	ug/l	0.1 U	ug/l	0.1 U	ug/l				
Titanium																
Uranium																
Vanadium					3 U	ug/l	2 U	ug/l	5 U	ug/l	5 U	ug/l				
Zinc					1400	ug/l	1500	ug/l	300	ug/l	310	ug/l	0.14	mg/l	0.13	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC330			PC330			PC330			PC330			PC330			PC330			PC330			PC330		
Location Cross Ref.	AD330			AD330			AD330			AD330			AD330			AD330			AD330			AD330		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI			(3) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186216			186216			186236			186236			168529			168529			46371			46371		
Sample Date	09/03/1997			09/03/1997			10/16/1997			10/16/1997			11/13/1997			11/13/1997			05/12/1998			05/12/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum													20	U	ug/l	27	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony													0.52		ug/l	1	U	ug/l	0.73		ug/l	0.74		ug/l
Arsenic													0.76		ug/l	2		ug/l	1	U	ug/l	1		ug/l
Barium													19		ug/l	21		ug/l	16		ug/l	17		ug/l
Beryllium													1	U	ug/l	0.35	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	0.0005		mg/l	0.0005		mg/l	0.0006		mg/l	0.0006		mg/l	0.53		ug/l	0.72		ug/l	0.2		ug/l	0.18		ug/l
Calcium													66000		ug/l	63000		ug/l	74000		ug/l	72000		ug/l
Chromium													5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt													5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper													0.5	U	ug/l	0.94	J	ug/l	3	U	ug/l	3	U	ug/l
Cyanide																								
Iron													13		ug/l	890		ug/l	20	U	ug/l	290		ug/l
Lead	0.0025		mg/l	0.0015		mg/l	0.0025		mg/l	0.0015		mg/l	0.12		ug/l	3.4		ug/l	0.5	U	ug/l	0.5	U	ug/l
Lithium																								
Magnesium													26000		ug/l	25000		ug/l	34000		ug/l	34000		ug/l
Manganese													140		ug/l	180		ug/l	51		ug/l	53		ug/l
Mercury													0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel													6.5		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium													700	UJ	ug/l	590	J	ug/l	480		ug/l	540		ug/l
Selenium													1	U	ug/l	0.21	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver													0.03	U	ug/l	0.22	U	ug/l	0.3	U	ug/l	0.3	U	ug/l
Sodium													8700		ug/l	8600		ug/l	8200		ug/l	8300		ug/l
Strontium																								
Sulfur																								
Thallium													0.5	U	ug/l	0.017	U	ug/l	0.1	U	ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium													3	U	ug/l	2	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	0.13		mg/l	0.14		mg/l	0.15		mg/l	0.16		mg/l	350		ug/l	440		ug/l	190		ug/l	200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC330		PC330		PC330		PC330		PC330		PC330		PC330		PC330			
Location Cross Ref.	AD330		AD330		AD330		AD330		AD330		AD330		AD330		AD330			
Location Type	Adit		Adit		Adit		Adit		Adit		Adit		Adit		Adit			
(Ref) Source/Lab	(3) URS/SWRI		(3) URS/SWRI		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER			
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water			
Depth Range in Ft.	-		-		-		-		-		-		-		-			
Sample Number	46372		46372		202276		202276		202296		202296		202367		202367			
Sample Date	05/12/1998		05/12/1998		07/27/1998		07/27/1998		08/25/1998		08/25/1998		09/24/1998		09/24/1998			
Sample Type	Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample			
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		6010		D6010		6010		D6010		6010		D6010			
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l												
Antimony	0.73		ug/l	0.76		ug/l												
Arsenic	1	U	ug/l	1	U	ug/l												
Barium	16		ug/l	17		ug/l												
Beryllium	1	U	ug/l	1	U	ug/l												
Cadmium	0.18		ug/l	0.21		ug/l	0.5		ug/l	0.5		ug/l	0.5		ug/l	0.5		ug/l	0.5	U	ug/l
Calcium	74000		ug/l	72000		ug/l												
Chromium	5	U	ug/l	5	U	ug/l												
Cobalt	5	U	ug/l	5	U	ug/l												
Copper	3	U	ug/l	3	U	ug/l												
Cyanide																		
Iron	20	U	ug/l	300		ug/l												
Lead	0.5	U	ug/l	0.5	U	ug/l	5	U	ug/l	3	U	ug/l	5	U	ug/l	3	U	ug/l	5	U	ug/l	3	U	ug/l
Lithium																		
Magnesium	34000		ug/l	34000		ug/l												
Manganese	51		ug/l	61		ug/l												
Mercury	0.2	UJ	ug/l	0.2	UJ	ug/l												
Molybdenum																		
Nickel	5	U	ug/l	5	U	ug/l												
Potassium	440		ug/l	560		ug/l												
Selenium	1	U	ug/l	1	U	ug/l												
Silicon																		
Silver	0.3	U	ug/l	0.3	U	ug/l												
Sodium	8200		ug/l	8300		ug/l												
Strontium																		
Sulfur																		
Thallium	0.1	U	ug/l	0.1	U	ug/l												
Titanium																		
Uranium																		
Vanadium	5	U	ug/l	5	U	ug/l												
Zinc	190		ug/l	210		ug/l	110		ug/l	110		ug/l	120		ug/l	120		ug/l	130		ug/l	140		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC330			PC330			PC330			PC330			PC330			PC330		
Location Cross Ref.	AD330			AD330			AD330			AD330			AD330			AD330		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	202417			202417			202436			202436			202472			202472		
Sample Date	10/26/1998			10/26/1998			11/24/1998			11/24/1998			01/15/1999			01/15/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	0.5		ug/l	0.5		ug/l	1.2		ug/l	1.1		ug/l	0.8		ug/l	0.7		ug/l
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	5	U	ug/l	3	U	ug/l	5	U	ug/l	3	U	ug/l	13		ug/l	3	U	ug/l
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	140		ug/l	140		ug/l	170		ug/l	180		ug/l	120		ug/l	110		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC330		PC330		PC331		PC331		PC331		PC331		PC339		PC339	
Location Cross Ref.	AD330		AD330		AD331		AD331		AD331		AD331		PC330		PC330	
Location Type	Adit		Adit		Adit		Adit		Adit		Adit		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/OTHER		(7) IDEQ/OTHER		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI		(3) URS/SOUND		(3) URS/SOUND	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	202511		202511		168530		168530		46367		46367		46578		46578	
Sample Date	03/08/1999		03/08/1999		11/14/1997		11/14/1997		05/12/1998		05/12/1998		05/16/1998		05/16/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum					20 U	ug/l	26 U	ug/l	50 U	ug/l	50 U	ug/l	18 UJ	ug/l	12 UJ	ug/l
Antimony					1.7	ug/l	1.9 U	ug/l	1.7	ug/l	1.7	ug/l	0.5 U	ug/l	0.44 U	ug/l
Arsenic					2.4	ug/l	2.2	ug/l	2	ug/l	2.2	ug/l	0.23 U	ug/l	0.23 U	ug/l
Barium					18	ug/l	19 J	ug/l	19	ug/l	19	ug/l	6.4 J	ug/l	6.3 J	ug/l
Beryllium					1 U	ug/l	0.35 U	ug/l	1 U	ug/l	1 U	ug/l	0.11 U	ug/l	0.11 U	ug/l
Cadmium	0.6	ug/l	0.6	ug/l	0.096	ug/l	0.069 U	ug/l	0.13	ug/l	0.17	ug/l	0.28 J	ug/l	0.25 J	ug/l
Calcium					85000	ug/l	76000	ug/l	80000	ug/l	78000	ug/l	2000 J	ug/l	2000 J	ug/l
Chromium					5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l	0.4 U	ug/l	0.4 U	ug/l
Cobalt					5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	0.023 U	ug/l	0.023 U	ug/l
Copper					0.57	ug/l	0.62 U	ug/l	3 U	ug/l	3 U	ug/l	0.44 U	ug/l	0.44 U	ug/l
Cyanide																
Iron					10 U	ug/l	29 U	ug/l	20 U	ug/l	32	ug/l	39 J	ug/l	31 J	ug/l
Lead	5 U	ug/l	3 U	ug/l	0.9	ug/l	2.9	ug/l	0.5 U	ug/l	2.6	ug/l	0.7 J	ug/l	0.69 J	ug/l
Lithium																
Magnesium					30000	ug/l	27000	ug/l	29000	ug/l	29000	ug/l	610 J	ug/l	650 J	ug/l
Manganese					1.4	ug/l	3.8 J	ug/l	5 U	ug/l	5 U	ug/l	1.6 J	ug/l	1.7 J	ug/l
Mercury					0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.16 U	ug/l	0.16 U	ug/l
Molybdenum																
Nickel					2.2	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	0.23 U	ug/l	0.23 U	ug/l
Potassium					1100 J	ug/l	950	ug/l	810	ug/l	790	ug/l	1600 U	ug/l	1600 U	ug/l
Selenium					1 U	ug/l	0.21 U	ug/l	1 U	ug/l	1 U	ug/l	1.3 U	ug/l	1.3 U	ug/l
Silicon																
Silver					0.03 U	ug/l	0.22 U	ug/l	0.3 U	ug/l	0.3 U	ug/l	0.042 UJ	ug/l	0.042 U	ug/l
Sodium					19000	ug/l	18000	ug/l	17000	ug/l	17000	ug/l	740 J	ug/l	850 J	ug/l
Strontium																
Sulfur																
Thallium					0.5 U	ug/l	0.017 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.058 U	ug/l	0.058 U	ug/l
Titanium																
Uranium																
Vanadium					3 U	ug/l	2 U	ug/l	5 U	ug/l	5 U	ug/l	0.2 U	ug/l	0.21 U	ug/l
Zinc	150	ug/l	150	ug/l	37	ug/l	53 J	ug/l	39	ug/l	48	ug/l	87 J	ug/l	87	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC339			PC339			PC339			PC339			PC339			PC339			PC339			PC339		
Location Cross Ref.	PC330			PC330			PC330			PC330			PC330			PC330			PC330			PC330		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186982			186982			186983			186983			186984			186984			186985			186985		
Sample Date	10/21/1998			10/21/1998			11/19/1998			11/19/1998			12/09/1998			12/09/1998			12/29/1998			12/29/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Calcium				3800		ug/l				4000		ug/l				3100		ug/l				3000		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1		ug/l	1	UJ	ug/l	1		ug/l	1	UJ	ug/l	1		ug/l	1	UJ	ug/l	2		ug/l	1		ug/l
Lithium																								
Magnesium				1200		ug/l				1400		ug/l				1100		ug/l				1000		ug/l
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				140		ug/l	140		ug/l	140		ug/l	140		ug/l	140		ug/l				170		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC339			PC339			PC339			PC339			PC339			PC339			PC339			PC339		
Location Cross Ref.	PC330			PC330			PC330			PC330			PC330			PC330			PC330			PC330		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186986			186986			186987			186987			186988			186988			186988			186989		
Sample Date	02/24/1999			02/24/1999			04/20/1999			04/20/1999			05/06/1999			05/06/1999			05/06/1999			05/19/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l				1	U	ug/l						
Calcium				2300		ug/l				1700		ug/l							1.8		mg/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron													10	U	ug/l	10	U	ug/l				20		ug/l
Lead	14		ug/l	1		ug/l	4		ug/l	1		ug/l	1		ug/l	1	U	ug/l				1		ug/l
Lithium																								
Magnesium				820		ug/l				580		ug/l							0.6		mg/l			
Manganese													1		ug/l	1	U	ug/l				1		ug/l
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																			0.85		mg/l			
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	150		ug/l	140		ug/l	130		ug/l	120		ug/l	90		ug/l	95		ug/l				70		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC339			PC339			PC339			PC339			PC339			PC339			PC339			PC339		
Location Cross Ref.	PC330			PC330			PC330			PC330			PC330			PC330			PC330			PC330		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186989			186990			186990			186991			186991			186992			186992			186993		
Sample Date	05/19/1999			05/25/1999			05/25/1999			05/27/1999			05/27/1999			06/01/1999			06/01/1999			06/16/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	U	ug/l				1	U	ug/l				1	U	ug/l				1	U	ug/l			
Calcium	1700		ug/l				1400		ug/l				1500		ug/l				1500		ug/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron	10	U	ug/l	890		ug/l	6		ug/l	110		ug/l	10	U	ug/l	20		ug/l	10	U	ug/l			
Lead	1	U	ug/l	31		ug/l	1	U	ug/l	4		ug/l	1	U	ug/l	1		ug/l	1	U	ug/l	1		ug/l
Lithium																								
Magnesium	540		ug/l				420		ug/l				450		ug/l				470		ug/l			
Manganese	1	U	ug/l	54		ug/l	2		ug/l	7		ug/l	1	U	ug/l	1		ug/l	1	U	ug/l			
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium							740		ug/l															
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	68		ug/l	80		ug/l	39		ug/l	40		ug/l	40		ug/l	40		ug/l	40		ug/l	30		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC339			PC339			PC339			PC339			PC339			PC339		
Location Cross Ref.	PC330			PC330			PC330			PC330			PC330			PC330		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	186993			202128			202128			202128			202129			202129		
Sample Date	06/16/1999			07/20/1999			07/20/1999			07/20/1999			08/11/1999			08/11/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			6010			D6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	1		ug/l							1	U	ug/l				1	U	ug/l
Calcium	1600		ug/l	2.4		mg/l							2.8		mg/l				3		mg/l
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	1		ug/l							1	U	ug/l				1	U	ug/l
Lithium																		
Magnesium	480		ug/l	0.78		mg/l							0.93		mg/l				0.99		mg/l
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium	680		ug/l	0.94		mg/l							1.1		mg/l				1.2		mg/l
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	35		ug/l				84		ug/l	87		ug/l				94		ug/l	96		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC339			PC339			PC432			PC432			PC432			PC432			PC7500			PC7500		
Location Cross Ref.	PC330			PC330			PINEHURST			PINEHURST			PINEHURST			PINEHURST			AMY-SW-1			AMY-SW-1		
Location Type	River/Stream			River/Stream			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Adit			Adit		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(23) URS/SWRI			(13) CCJM/OTHER			(13) CCJM/OTHER		
Matrix Type	Surface Water			Surface Water			Groundwater			Groundwater			Groundwater			Groundwater			Surface Water			Surface Water		
Depth Range in Ft.	-			-			17 - 17			17 - 17			58 - 58			58 - 58			-			-		
Sample Number	202130			202130			61452			61452			61451			61451			187521			187521		
Sample Date	08/31/1999			08/31/1999			12/03/1999			12/03/1999			12/03/1999			12/03/1999			07/15/1994			07/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							50	U	ug/l	50	U	ug/l	110		ug/l	50	U	ug/l	11	U	ug/l			
Antimony							7.6		ug/l	7.4		ug/l	7.7		ug/l	7.8		ug/l	1	U	ug/l			
Arsenic							1	U	ug/l	1	U	ug/l	1	J	ug/l	1	U	ug/l	2	U	ug/l			
Barium							12	J	ug/l	12	J	ug/l	17	J	ug/l	9.7	J	ug/l	24		ug/l			
Beryllium							1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.1	U	ug/l			
Cadmium				1	U	ug/l	0.53	J	ug/l	0.53	J	ug/l	0.52	J	ug/l	0.5	U	ug/l	0.3	U	ug/l			
Calcium							3600		ug/l	3500		ug/l	3100		ug/l	2900		ug/l	67000		ug/l			
Chromium							5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.5	U	ug/l			
Cobalt							5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.4	U	ug/l			
Copper							5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.3	U	ug/l			
Cyanide																								
Iron							25	U	ug/l	25	U	ug/l	460		ug/l	25	U	ug/l	240		ug/l			
Lead	0.59		ug/l	1	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.73	J	ug/l	0.5	U	ug/l	1	U	ug/l			
Lithium																								
Magnesium							1200		ug/l	1200		ug/l	1000		ug/l	960		ug/l	19000		ug/l			
Manganese							5	U	ug/l	5	U	ug/l	20		ug/l	5	U	ug/l	27		ug/l			
Mercury							0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l				0.2	U	ug/l
Molybdenum																								
Nickel							5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.8	U	ug/l			
Potassium							450	J	ug/l	370	J	ug/l	380	J	ug/l	420	J	ug/l	23	U	ug/l			
Selenium							2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	3	U	ug/l			
Silicon																								
Silver							5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.4	U	ug/l			
Sodium							1100		ug/l	1100		ug/l	1100		ug/l	1100		ug/l	9800		ug/l			
Strontium																								
Sulfur																								
Thallium							0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	3	U	ug/l			
Titanium																								
Uranium																								
Vanadium							5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.3	U	ug/l			
Zinc	100		ug/l	110		ug/l	160		ug/l	150		ug/l	130		ug/l	110		ug/l	90		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC7501			PC7501			PC7503			PC7503			PC7504			PC7504			PC7505			PC7505		
Location Cross Ref.	AMY-SW-2			AMY-SW-2			LIB-SW-1			LIB-SW-1			LIB-SW-2			LIB-SW-2			LIB-SW-3			LIB-SW-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			Adit			Adit		
(Ref) Source/Lab	(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187522			187522			187524			187524			187525			187525			187526			187526		
Sample Date	07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994			07/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7470			6010			7470			6010			7470			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	160		ug/l				160		ug/l				150		ug/l				140		ug/l			
Antimony	1	U	ug/l				1	U	ug/l				1	U	ug/l				1	U	ug/l			
Arsenic	2	U	ug/l				2	U	ug/l				2	U	ug/l				2	U	ug/l			
Barium	9.4		ug/l				12		ug/l				11		ug/l				21		ug/l			
Beryllium	0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l			
Cadmium	3.7		ug/l				0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l			
Calcium	4100		ug/l				4000		ug/l				4300		ug/l				91000		ug/l			
Chromium	0.5	U	ug/l				0.5	U	ug/l				0.5	U	ug/l				0.5	U	ug/l			
Cobalt	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Copper	0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l			
Cyanide																								
Iron	150		ug/l				120		ug/l				92		ug/l				5	U	ug/l			
Lead	22		ug/l				2.1		ug/l				1	U	ug/l				1	U	ug/l			
Lithium																								
Magnesium	1700		ug/l				1400		ug/l				1300		ug/l				32000		ug/l			
Manganese	0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l			
Mercury				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l
Molybdenum																								
Nickel	0.8	U	ug/l				0.8	U	ug/l				0.8	U	ug/l				0.8	U	ug/l			
Potassium	23	U	ug/l				23	U	ug/l				23	U	ug/l				23	U	ug/l			
Selenium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Silicon																								
Silver	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Sodium	2100		ug/l				1800		ug/l				1800		ug/l				20000		ug/l			
Strontium																								
Sulfur																								
Thallium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Titanium																								
Uranium																								
Vanadium	0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l			
Zinc	440		ug/l				120		ug/l				140		ug/l				73		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC7590			PC7590			PC7591			PC7591			PC7592			PC7592			PC7593			PC7593		
Location Cross Ref.	AMY-MW-1			AMY-MW-1			AMY-GW-1			AMY-GW-1			AMY-MW-3			AMY-MW-3			LIB-MW-1			LIB-MW-1		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187509			187509			187510			187510			187511			187511			187512			187512		
Sample Date	07/27/1994			07/27/1994			07/18/1994			07/18/1994			07/27/1994			07/27/1994			07/27/1994			07/27/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7470			6010			7470			6010			7470			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	3700		ug/l				11	U	ug/l				4300		ug/l				11	U	ug/l			
Antimony	1	U	ug/l				1	U	ug/l				1	U	ug/l				1.6		ug/l			
Arsenic	2	U	ug/l				2	U	ug/l				2	U	ug/l				2	U	ug/l			
Barium	16		ug/l				13		ug/l				19		ug/l				13		ug/l			
Beryllium	0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l			
Cadmium	0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l				1.4		ug/l			
Calcium	12000		ug/l				2900		ug/l				13000		ug/l				3800		ug/l			
Chromium	340		ug/l				0.5	U	ug/l				400		ug/l				0.5	U	ug/l			
Cobalt	8		ug/l				0.4	U	ug/l				8.5		ug/l				0.4	U	ug/l			
Copper	130		ug/l				6.8		ug/l				170		ug/l				1.6		ug/l			
Cyanide																								
Iron	1800		ug/l				5	U	ug/l				2100		ug/l				5	U	ug/l			
Lead	14		ug/l				1	U	ug/l				17		ug/l				1	U	ug/l			
Lithium																								
Magnesium	2000		ug/l				840		ug/l				1900		ug/l				1200		ug/l			
Manganese	260		ug/l				5.4		ug/l				240		ug/l				2		ug/l			
Mercury				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l
Molybdenum																								
Nickel	210		ug/l				0.8	U	ug/l				640		ug/l				0.8	U	ug/l			
Potassium	950		ug/l				610		ug/l				860		ug/l				690		ug/l			
Selenium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Silicon																								
Silver	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l			
Sodium	140	U	ug/l				140	U	ug/l				140	U	ug/l				140	U	ug/l			
Strontium																								
Sulfur																								
Thallium	3	U	ug/l				3	U	ug/l				3	U	ug/l				3	U	ug/l			
Titanium																								
Uranium																								
Vanadium	2.6		ug/l				0.3	U	ug/l				2.7		ug/l				0.3	U	ug/l			
Zinc	2400		ug/l				110		ug/l				2400		ug/l				98		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC7594			PC7594			PC7602			PC7602			PC7602			PC7602			PC7656			PC7656		
Location Cross Ref.	LIB-MW-2			LIB-MW-2			LIB-SW-4			LIB-SW-4			LIB-SW-4			LIB-SW-4			PC020			PC020		
Location Type	Monitoring Well			Monitoring Well			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			River/Stream			River/Stream		
(Ref) Source/Lab	(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) CCJM/OTHER			(13) USFS/OTHER			(13) USFS/OTHER		
Matrix Type	Groundwater			Groundwater			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187513			187513			187527			187527			187528			187528			187607			187625		
Sample Date	07/27/1994			07/27/1994			07/18/1994			07/18/1994			11/18/1994			11/18/1994			*			03/01/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7470			6010			7470			6010			7470			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	53		ug/l				11	U	ug/l				11	U	ug/l				44		ug/l	51		ug/l
Antimony	2.5		ug/l				1	U	ug/l				1	U	ug/l									
Arsenic	2	U	ug/l				2	U	ug/l				2	U	ug/l				4	U	ug/l	4	U	ug/l
Barium	13		ug/l				38		ug/l				40		ug/l				12		ug/l	8.2		ug/l
Beryllium	0.1	U	ug/l				0.1	U	ug/l				0.1	U	ug/l									
Cadmium	0.3	U	ug/l				6.6		ug/l				6.7		ug/l				0.6	U	ug/l	0.6	U	ug/l
Calcium	4000		ug/l				84000		ug/l				87000		ug/l				4400		ug/l	2600		ug/l
Chromium	0.5	U	ug/l				0.5	U	ug/l				0.5	U	ug/l									
Cobalt	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l									
Copper	1.2		ug/l				11		ug/l				5.3		ug/l				0.6	U	ug/l	0.6	U	ug/l
Cyanide																								
Iron	5	U	ug/l				5	U	ug/l				5	U	ug/l				18		ug/l	25		ug/l
Lead	1	U	ug/l				2.4		ug/l				1	U	ug/l				0.7		ug/l	1.2		ug/l
Lithium																								
Magnesium	1200		ug/l				30000		ug/l				31000		ug/l				1600		ug/l	890		ug/l
Manganese	2.3		ug/l				14		ug/l				7.1		ug/l				1.2		ug/l	1.1		ug/l
Mercury				0.2	U	ug/l				0.2	U	ug/l				0.2	U	ug/l						
Molybdenum																								
Nickel	0.8	U	ug/l				20		ug/l				15		ug/l									
Potassium	730		ug/l				2100		ug/l				2000		ug/l				550		ug/l	510		ug/l
Selenium	3	U	ug/l				3	U	ug/l				3	U	ug/l									
Silicon																			12		ug/l	4.8		ug/l
Silver	0.4	U	ug/l				0.4	U	ug/l				0.4	U	ug/l									
Sodium	140	U	ug/l				16000		ug/l				16000		ug/l				1500		ug/l	1200		ug/l
Strontium																								
Sulfur																								
Thallium	3	U	ug/l				3	U	ug/l				3	U	ug/l									
Titanium																								
Uranium																								
Vanadium	0.3	U	ug/l				0.3	U	ug/l				0.3	U	ug/l									
Zinc	120		ug/l				1400		ug/l				1400		ug/l				260		ug/l	150		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC7656		PC7657		PC7657		PC7657		PC7658		PC7658		PC7658		PC7698	
Location Cross Ref.	PC020		PC030		PC030		PC030		PC040		PC040		PC040		PC010	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER		(13) USFS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	187677		187608		187626		187678		187609		187627		187679		187606	
Sample Date	08/01/1993		*		03/01/1993		08/01/1993		*		03/01/1993		08/01/1993		*	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		D6010		D6010		D6010		D6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	20	ug/l	39	ug/l	39	ug/l	22 U	ug/l	50	ug/l	39	ug/l	22	ug/l	28	ug/l
Antimony																
Arsenic	4 U	ug/l	4 U	ug/l	4 U	ug/l	4 U	ug/l	4 U	ug/l	4 U	ug/l			4 U	ug/l
Barium	13	ug/l	11	ug/l	7.6	ug/l	12	ug/l	11	ug/l	7.4	ug/l	11	ug/l	12	ug/l
Beryllium																
Cadmium	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l
Calcium	3600	ug/l	4100	ug/l	2600	ug/l	3700	ug/l	4000	ug/l	2500	ug/l	3800	ug/l	4500	ug/l
Chromium																
Cobalt																
Copper	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	0.6 U	ug/l	3.1	ug/l	0.6 U	ug/l	3.8	ug/l
Cyanide																
Iron	3.2	ug/l	15	ug/l	17	ug/l	10 U	ug/l	20	ug/l	15	ug/l	3.4	ug/l	12	ug/l
Lead	2 U	ug/l	0.57	ug/l	0.6	ug/l	2 U	ug/l	0.43	ug/l	0.68	ug/l	2 U	ug/l	2	ug/l
Lithium																
Magnesium	1300	ug/l	1400	ug/l	900	ug/l	1300	ug/l	1400	ug/l	850	ug/l	1400	ug/l	1600	ug/l
Manganese	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1.3	ug/l
Mercury																
Molybdenum																
Nickel																
Potassium	910	ug/l	570	ug/l	46 U	ug/l	670	ug/l	710	ug/l	46 U	ug/l	660	ug/l	940	ug/l
Selenium																
Silicon	11	ug/l	12	ug/l	4.9	ug/l	12	ug/l	12	ug/l	5	ug/l	11	ug/l	10	ug/l
Silver																
Sodium	1300	ug/l	1500	ug/l	1200	ug/l	1300	ug/l	1400	ug/l	1200	ug/l	1300	ug/l	1600	ug/l
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	150	ug/l	190	ug/l	150	ug/l	150	ug/l	200	ug/l	150	ug/l	170	ug/l	230	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Pine Creek - segment PineCrkSeg03

Site Location	PC7698		PC7698		SF138		SF138		SF138		SF138		SF138			
Location Cross Ref.	PC010		PC010		GR-25		GR-25		GR-25		GR-25		GR-25			
Location Type	River/Stream		River/Stream		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well			
(Ref) Source/Lab	(13) USFS/OTHER		(13) USFS/OTHER		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE			
Matrix Type	Surface Water		Surface Water		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater			
Depth Range in Ft.	-		-		-		-		-		-		-			
Sample Number	187624		187676		172451		172628		172555		172348		172263			
Sample Date	03/01/1993		08/01/1993		10/24/1996		02/11/1997		04/24/1997		10/12/1997		02/17/1998			
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample			
Analytical Method	D6010		D6010		D6010		D6010		D6010		D6010		DIN-CLP-LOW			
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	44		ug/l	25		ug/l												
Antimony							40	U	ug/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l
Arsenic	4	U	ug/l				0.14		ug/l	1.5	U	ug/l	4.5	U	ug/l	0.005	U	mg/l	0.005	U	mg/l
Barium	8		ug/l	12		ug/l												
Beryllium																		
Cadmium	0.6	U	ug/l	0.6	U	ug/l	3	U	ug/l	3	U	ug/l	3	U	ug/l	0.006	J	mg/l	0.004	U	mg/l
Calcium	2700		ug/l	3600		ug/l												
Chromium																		
Cobalt																		
Copper	0.6	U	ug/l	3.6		ug/l										0.012	U	mg/l	0.012	U	mg/l
Cyanide																		
Iron	17		ug/l	6.7		ug/l												
Lead	0.74		ug/l	2	U	ug/l	0.1	U	ug/l	1.5	U	ug/l	1.5	U	ug/l	0.003	U	mg/l	0.003	U	mg/l
Lithium																		
Magnesium	910		ug/l	1300		ug/l												
Manganese	0.2	U	ug/l	1.1		ug/l												
Mercury							0.2	U	ug/l	0.2		ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l
Molybdenum																		
Nickel																		
Potassium	450		ug/l	880		ug/l												
Selenium																		
Silicon	4.7		ug/l	11		ug/l												
Silver																		
Sodium	1200		ug/l	1300		ug/l												
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	150		ug/l	150		ug/l	120		ug/l	59		ug/l	37		ug/l	0.04		mg/l	0.05		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg01

Site Location	PR8051			PR8051			PR8051			PR8051			PR8079			PR8079		
Location Cross Ref.	B7269603			B7269603			B7269603			B7269603			B7269602			B7269602		
Location Type	Adit			Adit			Adit			Adit			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	187801			187801			187801			187801			187829			187829		
Sample Date	*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			D7470			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.12		mg/l												
Antimony																		
Arsenic	0.0029	U	mg/l	0.0029	U	mg/l							0.0029	U	mg/l			
Barium	0.005		mg/l	0.01		mg/l							0.004	U	mg/l			
Beryllium																		
Cadmium	0.005		mg/l	0.014		mg/l							0.003	U	mg/l			
Calcium																		
Chromium	0.014		mg/l	0.013		mg/l							0.013	U	mg/l			
Cobalt																		
Copper	0.086		mg/l	0.009		mg/l							0.035	U	mg/l			
Cyanide																		
Iron	0.068		mg/l	0.011		mg/l							0.075		mg/l			
Lead	0.0087		mg/l	0.004		mg/l							0.0015	U	mg/l			
Lithium																		
Magnesium																		
Manganese	0.006		mg/l	0.003		mg/l							0.006		mg/l			
Mercury							0.0005	U	mg/l	0.0005	U	mg/l				0.0005	U	mg/l
Molybdenum																		
Nickel	0.04		mg/l	0.028		mg/l							0.02		mg/l			
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	2.2		mg/l	2		mg/l							0.015		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg02

Site Location	PR8002			PR8002			PR8002			PR8002			PR8052			PR8052			PR8052			PR8052		
Location Cross Ref.	B7309605			B7309605			B7309605			B7309605			B7309602			B7309602			B7309602			B7309602		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187769			187769			187783			187783			187802			187802			187802			187802		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7470			6010			7470			6010			D6010			7470			D7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																0.1	U	mg/l						
Antimony																								
Arsenic	0.0029	U	mg/l				0.0029	U	mg/l				0.0029	U	mg/l	0.0029	U	mg/l						
Barium	0.023		mg/l				0.023		mg/l				0.006		mg/l	0.007		mg/l						
Beryllium																								
Cadmium	0.003	U	mg/l				0.003	U	mg/l				0.004		mg/l	0.004	U	mg/l						
Calcium																								
Chromium	0.013	U	mg/l				0.013	U	mg/l				0.013	U	mg/l	0.008		mg/l						
Cobalt																								
Copper	0.035	U	mg/l				0.035	U	mg/l				0.035	U	mg/l	0.012		mg/l						
Cyanide																								
Iron	0.036		mg/l				0.036		mg/l				0.059		mg/l	0.004	U	mg/l						
Lead	0.0015	U	mg/l				0.0015	U	mg/l				0.015		mg/l	0.006		mg/l						
Lithium																								
Magnesium																								
Manganese	0.002	U	mg/l				0.002	U	mg/l				0.002		mg/l	0.002	U	mg/l						
Mercury				0.0005	U	mg/l				0.0005	U	mg/l							0.0005	U	mg/l	0.0005	U	mg/l
Molybdenum																								
Nickel	0.02	U	mg/l				0.02	U	mg/l				0.02	U	mg/l	0.017	U	mg/l						
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.004		mg/l				0.004		mg/l				0.42		mg/l	0.47		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg02

Site Location	PR8053			PR8053			PR8053			PR8053			PR8080			PR8080		
Location Cross Ref.	B7309603			B7309603			B7309603			B7309603			B7309601			B7309601		
Location Type	Adit			Adit			Adit			Adit			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	187803			187803			187803			187803			187830			187830		
Sample Date	*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			D7470			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.1	U	mg/l												
Antimony																		
Arsenic	0.0029	U	mg/l	0.0029	U	mg/l							0.0029	U	mg/l			
Barium	0.004	U	mg/l	0.001		mg/l							0.004	U	mg/l			
Beryllium																		
Cadmium	0.003	U	mg/l	0.004	U	mg/l							0.003	U	mg/l			
Calcium																		
Chromium	0.013	U	mg/l	0.007	U	mg/l							0.016		mg/l			
Cobalt																		
Copper	0.035	U	mg/l	0.007	U	mg/l							0.035	U	mg/l			
Cyanide																		
Iron	0.066		mg/l	0.004	U	mg/l							0.024		mg/l			
Lead	0.058		mg/l	0.036		mg/l							0.0015	U	mg/l			
Lithium																		
Magnesium																		
Manganese	0.004		mg/l	0.002	U	mg/l							0.002	U	mg/l			
Mercury							0.0005	U	mg/l	0.0005	U	mg/l				0.0005	U	mg/l
Molybdenum																		
Nickel	0.02	U	mg/l	0.017	U	mg/l							0.02	U	mg/l			
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	0.23		mg/l	0.21		mg/l							0.006		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR14			PR14			PR14			PR14			PR14			PR14			PR14			PR14		
Location Cross Ref.	NF14			NF14			NF14			NF14			NF14			NF14			NF14			NF14		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(3) URS/SWRI			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46405			46405			186812			186812			186813			186813			186814			186814		
Sample Date	05/06/1998			05/06/1998			10/20/1998			10/20/1998			11/18/1998			11/18/1998			12/10/1998			12/10/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l																		
Antimony	0.5	U	ug/l	0.5	U	ug/l																		
Arsenic	1	U	ug/l	1	U	ug/l																		
Barium	11		ug/l	11		ug/l																		
Beryllium	1	U	ug/l	1	U	ug/l																		
Cadmium	0.12		ug/l	0.15		ug/l	0.001	UJ	mg/l	1	UJ	ug/l	0.001		mg/l	1	UJ	ug/l	0.001	UJ	mg/l	1	UJ	ug/l
Calcium	2100		ug/l	2000		ug/l				3400		ug/l				3800		ug/l				3400		ug/l
Chromium	5	U	ug/l	5	U	ug/l																		
Cobalt	5	U	ug/l	5	U	ug/l																		
Copper	3	U	ug/l	3	U	ug/l																		
Cyanide																								
Iron	20	U	ug/l	20	U	ug/l																		
Lead	0.5	U	ug/l	1.6		ug/l	0.001		mg/l	1	UJ	ug/l	0.001		mg/l				0.001		mg/l	1	UJ	ug/l
Lithium																								
Magnesium	650		ug/l	630		ug/l				1100		ug/l				1200		ug/l				1100		ug/l
Manganese	5	U	ug/l	5	U	ug/l																		
Mercury	0.2	U	ug/l	0.2	U	ug/l																		
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l																		
Potassium	350		ug/l	200	U	ug/l																		
Selenium	1	U	ug/l	1	U	ug/l																		
Silicon																								
Silver	0.3	U	ug/l	0.3	U	ug/l																		
Sodium	1000		ug/l	1100		ug/l																		
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	0.1	U	ug/l																		
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l																		
Zinc	31		ug/l	31		ug/l				62		ug/l	0.02		mg/l	25		ug/l				28		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR14			PR14			PR14			PR14			PR14			PR14			PR14			PR14		
Location Cross Ref.	NF14			NF14			NF14			NF14			NF14			NF14			NF14			NF14		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186815			186815			186816			186816			186817			186817			186818			186818		
Sample Date	12/29/1998			12/29/1998			02/25/1999			02/25/1999			03/24/1999			03/24/1999			04/21/1999			04/21/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.001	UJ	mg/l	1	UJ	ug/l	0.001	UJ	mg/l	1	UJ	ug/l	0.001	UJ	mg/l	1	UJ	ug/l	0.001	UJ	mg/l	1	UJ	ug/l
Calcium				3100		ug/l				3100		ug/l				2400		ug/l				2100		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.001		mg/l	1	UJ	ug/l	0.002		mg/l	1		ug/l	0.003		mg/l	1		ug/l	0.007		mg/l	1		ug/l
Lithium																								
Magnesium				1100		ug/l				1000		ug/l				770		ug/l				670		ug/l
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				34		ug/l	0.04		mg/l	25		ug/l	0.04		mg/l	31		ug/l	0.04		mg/l	34		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR14		PR14		PR14		PR14		PR14		PR14		PR14		PR14	
Location Cross Ref.	NF14		NF14		NF14		NF14		NF14		NF14		NF14		NF14	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	186819		186819		186820		186820		186821		186821		202101		202101	
Sample Date	05/04/1999		05/04/1999		05/24/1999		05/24/1999		06/15/1999		06/15/1999		07/13/1999		07/13/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium			1 U	ug/l			1 U	ug/l			1	ug/l			0.13	ug/l
Calcium			2100	ug/l			1700	ug/l			1900	ug/l	2.5	mg/l		
Chromium																
Cobalt																
Copper																
Cyanide																
Iron					0.69	mg/l	6	ug/l								
Lead	0.001	mg/l	1 U	ug/l	0.025	mg/l	1 U	ug/l	0.004	mg/l	1	ug/l			0.66	ug/l
Lithium																
Magnesium			680	ug/l			520	ug/l			570	ug/l	0.79	mg/l		
Manganese					0.029	mg/l	1.8	ug/l								
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium			1200	ug/l			1000	ug/l			1000	ug/l	1.3	mg/l		
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	0.03	mg/l	30	ug/l	0.04	mg/l	26	ug/l	0.03	mg/l	30	ug/l			25	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR14	PR14	PR14	PR14	PR14	PR14	PR14	PR16
Location Cross Ref.	NF14	NF14	NF14	NF14	NF14	NF14	NF14	NF16
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(3) URS/COLUMBWA
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	202101	202102	202102	202102	202103	202103	202103	46401
Sample Date	07/13/1999	08/12/1999	08/12/1999	08/12/1999	09/08/1999	09/08/1999	09/08/1999	05/05/1998
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	D6010	D6010	6010	D6010	D6010	6010	D6010	DIN-CLP-LOW

Analyte	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit
Aluminum															50 U	ug/l
Antimony															0.2 U	ug/l
Arsenic															2 U	ug/l
Barium															12	ug/l
Beryllium															0.2 U	ug/l
Cadmium	1 U	ug/l			0.12	ug/l	1 U	ug/l			0.13	ug/l	1 U	ug/l	0.2	ug/l
Calcium			3.1	mg/l					3.3	mg/l					1900	ug/l
Chromium															5 U	ug/l
Cobalt															10 U	ug/l
Copper															2 U	ug/l
Cyanide																
Iron															20 U	ug/l
Lead	1 U	ug/l			0.39	ug/l	1 U	ug/l			0.32	ug/l	1 U	ug/l	0.6	ug/l
Lithium																
Magnesium			0.96	mg/l					1	mg/l					640	ug/l
Manganese															5 U	ug/l
Mercury															0.2 U	ug/l
Molybdenum																
Nickel															20 U	ug/l
Potassium															2000 U	ug/l
Selenium															2 U	ug/l
Silicon																
Silver															0.2 U	ug/l
Sodium			1.5	mg/l					1.5	mg/l					1000	ug/l
Strontium																
Sulfur																
Thallium															0.2 U	ug/l
Titanium																
Uranium																
Vanadium															10 U	ug/l
Zinc	25	ug/l			23	ug/l	24	ug/l			24	ug/l	27	ug/l	28	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR16			PR16			PR16			PR17			PR17			PR18			PR18			PR19		
Location Cross Ref.	NF16			NF16			NF16			NF17			NF17			NF18			NF18			PR19		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/SWRI			(3) URS/SWRI			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46401			46402			46402			46406			46406			46403			46403			46407		
Sample Date	05/05/1998			05/05/1998			05/05/1998			05/06/1998			05/06/1998			05/05/1998			05/05/1998			05/06/1998		
Sample Type	Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l
Arsenic	2	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l
Barium	15		ug/l	11		ug/l	16		ug/l	21		ug/l	21		ug/l	6		ug/l	9		ug/l	5		ug/l
Beryllium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l
Cadmium	0.2	U	ug/l	0.2		ug/l	0.2	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.3		ug/l	0.3		ug/l	0.1	U	ug/l
Calcium	2000		ug/l	1800		ug/l	2000		ug/l	2200		ug/l	2200		ug/l	1500		ug/l	1500		ug/l	1200		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	10	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l
Copper	2	U	ug/l	2	U	ug/l	2	U	ug/l	3	U	ug/l	3	U	ug/l	2	U	ug/l	2	U	ug/l	3	U	ug/l
Cyanide																								
Iron	37		ug/l	20	U	ug/l	43		ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	38		ug/l	49	U	ug/l
Lead	1.4		ug/l	0.6		ug/l	1.3		ug/l	0.5	U	ug/l	0.5	U	ug/l	1.4		ug/l	2.9		ug/l	0.5	U	ug/l
Lithium																								
Magnesium	650		ug/l	610		ug/l	660		ug/l	720		ug/l	680		ug/l	520		ug/l	520		ug/l	330		ug/l
Manganese	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	20	U	ug/l	20	U	ug/l	20	U	ug/l	5	U	ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l	5	U	ug/l
Potassium	2000		ug/l	2000	U	ug/l	2400		ug/l	290		ug/l	200	U	ug/l	2000	U	ug/l	2200		ug/l	220		ug/l
Selenium	2	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l
Silicon																								
Silver	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.3	U	ug/l
Sodium	1100		ug/l	960		ug/l	1000		ug/l	790		ug/l	770		ug/l	980		ug/l	990		ug/l	950		ug/l
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l
Zinc	29		ug/l	26		ug/l	29		ug/l	5	U	ug/l	5	U	ug/l	53		ug/l	50		ug/l	5	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR19		PR20		PR20		PR21		PR21		PR22		PR22		PR23	
Location Cross Ref.	PR19		PR20		PR20		PR21		PR21		PR22		PR22		NF23	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(3) URS/SWRI		(3) URS/SWRI		(3) URS/SWRI		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(3) URS/SWRI	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	46407		46408		46408		46289		46289		46290		46290		46418	
Sample Date	05/06/1998		05/06/1998		05/06/1998		05/08/1998		05/08/1998		05/08/1998		05/08/1998		05/09/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l
Antimony	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.4	ug/l	0.4	ug/l	0.4	ug/l	0.4	ug/l	0.5 U	ug/l
Arsenic	1 U	ug/l	1 U	ug/l	1 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l
Barium	5.2	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	6	ug/l	5 U	ug/l	6	ug/l	9.2	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l
Cadmium	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	1.8	ug/l	1.9	ug/l	2	ug/l	2.1	ug/l	0.16	ug/l
Calcium	1200	ug/l	1200	ug/l	1200	ug/l	3200	ug/l	2900	ug/l	3100	ug/l	3100	ug/l	1900	ug/l
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	10 U	ug/l	10 U	ug/l	10 U	ug/l	10 U	ug/l	5 U	ug/l
Copper	3 U	ug/l	3 U	ug/l	3 U	ug/l	2 U	ug/l	3	ug/l	2 U	ug/l	2	ug/l	3 U	ug/l
Cyanide																
Iron	20 U	ug/l	20 U	ug/l	20 U	ug/l	20 U	ug/l	24	ug/l	20 U	ug/l	20 U	ug/l	20 U	ug/l
Lead	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	18	ug/l	30	ug/l	72	ug/l	95	ug/l	0.5 U	ug/l
Lithium																
Magnesium	330	ug/l	320	ug/l	320	ug/l	1900	ug/l	1700	ug/l	1900	ug/l	1900	ug/l	560	ug/l
Manganese	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.5 U	ug/l	0.2 UJ	ug/l
Molybdenum																
Nickel	5 U	ug/l	5 U	ug/l	5 U	ug/l	20 U	ug/l	20 U	ug/l	20 U	ug/l	20 U	ug/l	5 U	ug/l
Potassium	200 U	ug/l	200	ug/l	200 U	ug/l	2000 U	ug/l	2000 U	ug/l	2000 U	ug/l	2000 U	ug/l	340	ug/l
Selenium	1 U	ug/l	1 U	ug/l	1 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l
Silicon																
Silver	0.3 U	ug/l	0.3 U	ug/l	0.3 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.3 U	ug/l
Sodium	980	ug/l	970	ug/l	1000	ug/l	990	ug/l	930	ug/l	900	ug/l	900	ug/l	1100	ug/l
Strontium																
Sulfur																
Thallium	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	10 U	ug/l	10 U	ug/l	10 U	ug/l	10 U	ug/l	5 U	ug/l
Zinc	5 U	ug/l	5 U	ug/l	5 U	ug/l	390	ug/l	360	ug/l	370	ug/l	370	ug/l	38	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR23			PR24			PR24			PR25			PR25			PR26			PR26			PR27		
Location Cross Ref.	NF23			NF24			NF24			NF25			NF25			NF26			NF26			NF27		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46418			46410			46410			46409			46409			46411			46411			46419		
Sample Date	05/09/1998			05/07/1998			05/07/1998			05/07/1998			05/07/1998			05/08/1998			05/08/1998			05/09/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	4.6	J	ug/l	17	J	ug/l	4.7	J	ug/l	13	J	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony	0.5	U	ug/l	0.032	U	ug/l	0.032	U	ug/l	0.032	U	ug/l	0.032	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l
Arsenic	1	U	ug/l	0.26	J	ug/l	0.4	J	ug/l	0.23	U	ug/l	0.26	J	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l
Barium	9.5		ug/l	7.9	J	ug/l	8.2	J	ug/l	8.7	J	ug/l	8.6	J	ug/l	6		ug/l	8		ug/l	9.8		ug/l
Beryllium	1	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l
Cadmium	0.16		ug/l	0.12	J	ug/l	0.094	J	ug/l	0.16	J	ug/l	0.096	J	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.16		ug/l
Calcium	1900		ug/l	1500	J	ug/l	1600	J	ug/l	1500	J	ug/l	1500	J	ug/l	4700		ug/l	4600		ug/l	1600		ug/l
Chromium	5	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	0.023	U	ug/l	0.023	U	ug/l	0.023	U	ug/l	0.023	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l
Copper	3	U	ug/l	0.44	U	ug/l	0.44	U	ug/l	0.92	J	ug/l	0.44	U	ug/l	2	U	ug/l	2	U	ug/l	3	U	ug/l
Cyanide																								
Iron	39		ug/l	5.6	U	ug/l	15	J	ug/l	5.6	U	ug/l	16	J	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l
Lead	1.4		ug/l	0.82	J	ug/l	2.2	J	ug/l	1.2	J	ug/l	2.3	J	ug/l	1		ug/l	0.2	U	ug/l	2.1		ug/l
Lithium																								
Magnesium	550		ug/l	440	J	ug/l	420	J	ug/l	380	J	ug/l	350	J	ug/l	1900		ug/l	1800		ug/l	400		ug/l
Manganese	5	U	ug/l	0.23	J	ug/l	1.3	J	ug/l	0.37	J	ug/l	1.2	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.2	UJ	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.2	UJ	ug/l
Molybdenum																								
Nickel	5	U	ug/l	0.22	U	ug/l	0.22	U	ug/l	0.22	U	ug/l	0.22	U	ug/l	20	U	ug/l	20	U	ug/l	5	U	ug/l
Potassium	330		ug/l	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l	2000	U	ug/l	2000	U	ug/l	210		ug/l
Selenium	1	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l
Silicon																								
Silver	0.3	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.3	U	ug/l
Sodium	1100		ug/l	1000	J	ug/l	990	J	ug/l	1000	J	ug/l	1000	J	ug/l	2700		ug/l	2700		ug/l	1000		ug/l
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l
Zinc	38		ug/l	43		ug/l	37		ug/l	48		ug/l	46		ug/l	10	U	ug/l	10	U	ug/l	39		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR27			PR28			PR28			PR29			PR29			PR30			PR30			PR30		
Location Cross Ref.	NF27			NF28			NF28			NF29			NF29			NF30			NF30			NF30		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/SWRI			(3) URS/SWRI			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46419			46412			46412			46420			46420			46413			46413			46414		
Sample Date	05/09/1998			05/08/1998			05/08/1998			05/09/1998			05/09/1998			05/08/1998			05/08/1998			05/08/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony	0.5	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Arsenic	1	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l
Barium	10		ug/l	7		ug/l	9		ug/l	10		ug/l	10		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Beryllium	1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Cadmium	0.18		ug/l	3.4		ug/l	3.4		ug/l	0.17		ug/l	0.19		ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Calcium	1500		ug/l	6700		ug/l	6400		ug/l	1600		ug/l	1600		ug/l	1800		ug/l	1700		ug/l	1800		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	71		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l
Copper	3	U	ug/l	2	U	ug/l	2	U	ug/l	3	U	ug/l	3	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l
Cyanide																								
Iron	26		ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	130		ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l
Lead	2.5		ug/l	0.3		ug/l	0.6		ug/l	1.1		ug/l	2.3		ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Lithium																								
Magnesium	400		ug/l	1900		ug/l	1800		ug/l	420		ug/l	410		ug/l	450		ug/l	420		ug/l	450		ug/l
Manganese	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	19		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.2	UJ	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	20	U	ug/l	20	U	ug/l	5	U	ug/l	67		ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l
Potassium	250		ug/l	2000	U	ug/l	2000	U	ug/l	290		ug/l	300		ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l
Selenium	1	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l
Silicon																								
Silver	0.3	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Sodium	1000		ug/l	2700		ug/l	2600		ug/l	1100		ug/l	1400		ug/l	1100		ug/l	1100		ug/l	1100		ug/l
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l
Zinc	40		ug/l	900		ug/l	860		ug/l	48		ug/l	49		ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR30			PR31			PR31			PR32			PR32			PR33			PR33			PR34		
Location Cross Ref.	NF30			NF31			NF31			NF32			NF32			NF33			NF33			NF34		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/SOUND			(3) URS/SOUND			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46414			46421			46421			46415			46415			46422			46422			46423		
Sample Date	05/08/1998			05/10/1998			05/10/1998			05/08/1998			05/08/1998			05/10/1998			05/10/1998			05/10/1998		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	0.0071	UJ	mg/l	0.016	J	mg/l	50	U	ug/l	50	U	ug/l	0.0074	UJ	mg/l	0.024	J	mg/l	5.2	J	ug/l
Antimony	0.2	U	ug/l							0.2	U	ug/l	0.2	U	ug/l							0.032	U	ug/l
Arsenic	2	U	ug/l	0.0002	U	mg/l	0.0003	J	mg/l	2	U	ug/l	2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.23	U	ug/l
Barium	5	U	ug/l	0.01	J	mg/l	0.011	J	mg/l	13		ug/l	12		ug/l	0.013	J	mg/l	0.013	J	mg/l	4.2	J	ug/l
Beryllium	0.2	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	0.11	U	ug/l
Cadmium	0.2	U	ug/l	0.0003	UJ	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.0002	UJ	mg/l	0.0002	U	mg/l	0.063	J	ug/l
Calcium	1800		ug/l	1.4	J	mg/l	1.4	J	mg/l	1000		ug/l	1000		ug/l	1.4	J	mg/l	1.5	J	mg/l	1500	J	ug/l
Chromium	5	U	ug/l	0.0004	U	mg/l	0.0004	U	mg/l	5	U	ug/l	5	U	ug/l	0.0004	U	mg/l	0.0004	U	mg/l	0.4	U	ug/l
Cobalt	10	U	ug/l	0.0002	U	mg/l				10	U	ug/l	10	U	ug/l	0.0002	U	mg/l				0.023	U	ug/l
Copper	2	U	ug/l	0.0004	U	mg/l	0.0005	J	mg/l	2	U	ug/l	2	U	ug/l	0.0004	U	mg/l	0.0004	U	mg/l	0.45	J	ug/l
Cyanide																								
Iron	20	U	ug/l	0.0069	J	mg/l	0.015	J	mg/l	20	U	ug/l	20	U	ug/l	0.013	J	mg/l	0.025	J	mg/l	5.6	U	ug/l
Lead	0.2	U	ug/l	0.0019	J	mg/l	0.0027	J	mg/l	2.3		ug/l	3.8		ug/l	0.0018	J	mg/l	0.0036		mg/l	0.37	J	ug/l
Lithium																								
Magnesium	440		ug/l	0.34	J	mg/l	0.33	J	mg/l	270		ug/l	270		ug/l	0.31	J	mg/l	0.32	J	mg/l	440	J	ug/l
Manganese	5	U	ug/l	0.0009	J	mg/l	0.001	J	mg/l	5	U	ug/l	5	U	ug/l	0.0004	U	mg/l	0.0016	J	mg/l	0.47	J	ug/l
Mercury	0.5	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.16	U	ug/l
Molybdenum																								
Nickel	20	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	20	U	ug/l	20	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.35	J	ug/l
Potassium	2000	U	ug/l	1.6	U	mg/l	1.6	U	mg/l	2000	U	ug/l	2000	U	ug/l	1.6	U	mg/l	1.9	J	mg/l	1600	U	ug/l
Selenium	2	U	ug/l	0.0013	U	mg/l	0.0013	U	mg/l	2	U	ug/l	2	U	ug/l	0.0013	U	mg/l	0.0013	U	mg/l	1.3	U	ug/l
Silicon																								
Silver	0.2	U	ug/l							0.2	U	ug/l	0.2	U	ug/l				0.0004	U	mg/l	0.042	U	ug/l
Sodium	1200		ug/l	1	J	mg/l	1	J	mg/l	1000		ug/l	1000		ug/l	0.98	J	mg/l	1.7	J	mg/l	990	J	ug/l
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	0.058	U	ug/l
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	10	U	ug/l	10	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	0.11	U	ug/l
Zinc	10	U	ug/l	0.076		mg/l	0.045		mg/l	38		ug/l	36		ug/l	0.052		mg/l	0.047		mg/l	3.4	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR34			PR35			PR35			PR36			PR36			PR37			PR37			PR38		
Location Cross Ref.	NF34			NF35			NF35			NF36			NF36			PR37			PR37			PR38		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46423			46424			46424			46416			46416			46427			46427			46425		
Sample Date	05/10/1998			05/10/1998			05/10/1998			05/08/1998			05/08/1998			05/10/1998			05/10/1998			05/10/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	14	J	ug/l	6.4	J	ug/l	16	J	ug/l	50	U	ug/l	50	U	ug/l	3.5		ug/l	12	J	ug/l	11	J	ug/l
Antimony	0.032	U	ug/l	0.032	U	ug/l	0.032	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.032	U	ug/l	0.032	U	ug/l	0.032	U	ug/l
Arsenic	0.23	U	ug/l	0.29	J	ug/l	0.46	J	ug/l	2	U	ug/l	2	U	ug/l	0.27	J	ug/l	0.31	J	ug/l	0.24	J	ug/l
Barium	4.2	J	ug/l	6.3	J	ug/l	6.2	J	ug/l	17		ug/l	18		ug/l	6.6	J	ug/l	6.2	J	ug/l	18	J	ug/l
Beryllium	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l
Cadmium	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	J	ug/l	0.14	J	ug/l	0.042	U	ug/l
Calcium	1600	J	ug/l	1600	J	ug/l	1700	J	ug/l	1100		ug/l	1100		ug/l	1700	J	ug/l	1700	J	ug/l	1200	J	ug/l
Chromium	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	5	U	ug/l	5	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Cobalt	0.023	U	ug/l	0.023	U	ug/l	0.023	U	ug/l	10	U	ug/l	10	U	ug/l	0.023	U	ug/l	0.023	U	ug/l	0.023	U	ug/l
Copper	0.51	J	ug/l	0.44	U	ug/l	0.4	U	ug/l	2	U	ug/l	2	U	ug/l	0.4	U	ug/l	0.44	U	ug/l	0.44	U	ug/l
Cyanide																								
Iron	14	J	ug/l	6.1	J	ug/l	18	J	ug/l	20	U	ug/l	32		ug/l	5.6	U	ug/l	6.8	J	ug/l	5.6	U	ug/l
Lead	0.93	J	ug/l	0.12	J	ug/l	0.57	J	ug/l	0.9		ug/l	0.8		ug/l	0.72	J	ug/l	1.1	J	ug/l	0.11	U	ug/l
Lithium																								
Magnesium	410	J	ug/l	330	J	ug/l	380	J	ug/l	260		ug/l	260		ug/l	460	J	ug/l	490	J	ug/l	240	J	ug/l
Manganese	0.79	J	ug/l	0.18	J	ug/l	0.97	J	ug/l	5	U	ug/l	5	U	ug/l	0.034	U	ug/l	0.21	J	ug/l	0.2	J	ug/l
Mercury	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l
Molybdenum																								
Nickel	0.32	J	ug/l	0.22	U	ug/l	0.22	U	ug/l	20	U	ug/l	20	U	ug/l	0.22	U	ug/l	0.22	U	ug/l	0.22	U	ug/l
Potassium	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l	2000	U	ug/l	2000	U	ug/l	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l
Selenium	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	2	U	ug/l	2	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l
Silicon																								
Silver	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l
Sodium	1100	J	ug/l	1000	J	ug/l	1100	J	ug/l	990		ug/l	970		ug/l	1400	J	ug/l	1400	J	ug/l	1100	J	ug/l
Strontium																								
Sulfur																								
Thallium	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l
Titanium																								
Uranium																								
Vanadium	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	10	U	ug/l	10	U	ug/l	0.11	U	ug/l	0.15	J	ug/l	0.11	U	ug/l
Zinc	3.5	J	ug/l	7	J	ug/l	6.8	J	ug/l	25		ug/l	24		ug/l	47		ug/l	38		ug/l	4	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR38			PR38			PR38			PR41			PR41			PR42			PR42			PR43		
Location Cross Ref.	PR38			PR38			PR38			NF41			NF41			NF42			NF42			NF43		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SWRI			(3) URS/SWRI			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46425			46426			46426			46417			46417			46428			46428			46429		
Sample Date	05/10/1998			05/10/1998			05/10/1998			05/09/1998			05/09/1998			05/11/1998			05/11/1998			05/11/1998		
Sample Type	Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	27	J	ug/l	11	J	ug/l	28	J	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony	0.032	U	ug/l	0.032	U	ug/l	0.032	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Arsenic	0.23	U	ug/l	0.23	U	ug/l	0.23	U	ug/l	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l
Barium	18	J	ug/l	18	J	ug/l	18	J	ug/l	8		ug/l	8.2		ug/l	7		ug/l	9		ug/l	7		ug/l
Beryllium	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	1	U	ug/l	1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Cadmium	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.2		ug/l	0.2		ug/l	0.2	U	ug/l	0.3		ug/l	0.2	U	ug/l
Calcium	1100	J	ug/l	1100	J	ug/l	1100	J	ug/l	2100		ug/l	2000		ug/l	1900		ug/l	1900		ug/l	2000		ug/l
Chromium	4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	0.023	U	ug/l	0.023	U	ug/l	0.023	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l
Copper	0.44	U	ug/l	0.44	U	ug/l	0.44	U	ug/l	3	U	ug/l	3	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l
Cyanide																								
Iron	20	J	ug/l	5.6	U	ug/l	20	J	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	28		ug/l	20	U	ug/l
Lead	0.16	J	ug/l	0.11	U	ug/l	0.25	J	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.2	U	ug/l	0.9		ug/l	0.2	U	ug/l
Lithium																								
Magnesium	210	J	ug/l	220	J	ug/l	250	J	ug/l	580		ug/l	580		ug/l	530		ug/l	540		ug/l	590		ug/l
Manganese	1.9	J	ug/l	0.19	J	ug/l	2	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.16	U	ug/l	0.16	UJ	ug/l	0.16	U	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	0.22	U	ug/l	0.22	U	ug/l	0.22	U	ug/l	5	U	ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l
Potassium	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l	340		ug/l	280		ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l
Selenium	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1	U	ug/l	1	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l
Silicon																								
Silver	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Sodium	860	J	ug/l	890	J	ug/l	920	J	ug/l	1200		ug/l	1100		ug/l	1300		ug/l	1300		ug/l	1400		ug/l
Strontium																								
Sulfur																								
Thallium	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l
Zinc	3.7	J	ug/l	3.5	J	ug/l	4.1	J	ug/l	49		ug/l	49		ug/l	48		ug/l	48		ug/l	48		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR43			PR44			PR44			PR45			PR45			PR48			PR48			PR49		
Location Cross Ref.	NF43			NF44			NF44			NF45			NF45			NF48			NF48			NF49		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/SWRI			(3) URS/SWRI			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46429			46430			46430			46431			46431			46442			46442			46443		
Sample Date	05/11/1998			05/11/1998			05/11/1998			05/12/1998			05/12/1998			05/19/1998			05/19/1998			05/19/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	5	UJ	ug/l	3.3	J	ug/l	0.86	UJ	ug/l
Antimony	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.41	U	ug/l	0.38	U	ug/l	0.4	U	ug/l
Arsenic	2	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l	0.23	U	ug/l	0.23	U	ug/l	0.23	U	ug/l
Barium	9		ug/l	7		ug/l	9		ug/l	9.3		ug/l	9.7		ug/l	6.3	J	ug/l	6.6	J	ug/l	7.3	J	ug/l
Beryllium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	1	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l
Cadmium	0.2	U	ug/l	0.2		ug/l	0.2		ug/l	0.16		ug/l	0.17		ug/l	1.5	J	ug/l	1.6	J	ug/l	1.6	J	ug/l
Calcium	2100		ug/l	2000		ug/l	2000		ug/l	2400		ug/l	2400		ug/l	3000	J	ug/l	3200	J	ug/l	3100	J	ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Cobalt	10	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	0.023	U	ug/l	0.025	UJ	ug/l	0.023	U	ug/l
Copper	2	U	ug/l	2	U	ug/l	2	U	ug/l	3	U	ug/l	3	U	ug/l	0.94	J	ug/l	0.93	J	ug/l	1.2	J	ug/l
Cyanide																								
Iron	24		ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	13	J	ug/l	20	J	ug/l	16	J	ug/l
Lead	0.6		ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	13		ug/l	15		ug/l	12		ug/l
Lithium																								
Magnesium	590		ug/l	580		ug/l	580		ug/l	700		ug/l	700		ug/l	1600	J	ug/l	1600	J	ug/l	1500	J	ug/l
Manganese	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.31	J	ug/l	0.47	J	ug/l	0.94	J	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l
Molybdenum																								
Nickel	20	U	ug/l	20	U	ug/l	20	U	ug/l	5	U	ug/l	5	U	ug/l	0.34	J	ug/l	0.29	J	ug/l	0.38	J	ug/l
Potassium	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	390		ug/l	410		ug/l	1600	UJ	ug/l	1600	U	ug/l	1600	UJ	ug/l
Selenium	2	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l
Silicon																								
Silver	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.042	UJ	ug/l	0.042	U	ug/l	0.042	UJ	ug/l
Sodium	1400		ug/l	1300		ug/l	1400		ug/l	1500		ug/l	1500		ug/l	950	J	ug/l	970	J	ug/l	950	J	ug/l
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l
Zinc	49		ug/l	46		ug/l	48		ug/l	41		ug/l	42		ug/l	350	J	ug/l	350		ug/l	340	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR49			PR8000			PR8000			PR8000			PR8000			PR8000			PR8000			PR8000		
Location Cross Ref.	NF49			B7239602			B7239602			B7239602			B7239602			B7239602			B7239602			B7239602		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SOUND			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46443			187767			187767			187767			187767			187781			187781			187781		
Sample Date	05/19/1998			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate		
Analytical Method	IN-CLP-LOW			6010			D6010			7470			D7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	5.3	J	ug/l																0.1	U	mg/l			
Antimony	0.38	U	ug/l																					
Arsenic	0.23	U	ug/l	0.0029	U	mg/l	0.0029	U	mg/l							0.0029	U	mg/l	0.0029	U	mg/l			
Barium	7.4	J	ug/l	0.004	U	mg/l	0.002		mg/l							0.004	U	mg/l	0.002		mg/l			
Beryllium	0.11	U	ug/l																					
Cadmium	1.5	J	ug/l	0.003	U	mg/l	0.004	U	mg/l							0.003	U	mg/l	0.004	U	mg/l			
Calcium	3200	J	ug/l																					
Chromium	0.4	U	ug/l	0.013	U	mg/l	0.013	U	mg/l							0.013	U	mg/l	0.007	U	mg/l			
Cobalt	0.023	U	ug/l																					
Copper	1.6	J	ug/l	0.035	U	mg/l	0.012		mg/l							0.035	U	mg/l	0.012		mg/l			
Cyanide																								
Iron	20	J	ug/l	0.32		mg/l	0.006		mg/l							0.32		mg/l	0.006		mg/l			
Lead	15		ug/l	0.0015	U	mg/l	0.002		mg/l							0.0015	U	mg/l	0.002		mg/l			
Lithium																								
Magnesium	1500	J	ug/l																					
Manganese	0.54	J	ug/l	0.013		mg/l	0.002	U	mg/l							0.013		mg/l	0.002	U	mg/l			
Mercury	0.16	U	ug/l							0.0005	U	mg/l	0.0005	U	mg/l							0.0005	U	mg/l
Molybdenum																								
Nickel	0.42	J	ug/l	0.02	U	mg/l	0.017	U	mg/l							0.02	U	mg/l	0.017	U	mg/l			
Potassium	1600	U	ug/l																					
Selenium	1.3	U	ug/l																					
Silicon																								
Silver	0.042	U	ug/l																					
Sodium	1100	J	ug/l																					
Strontium																								
Sulfur																								
Thallium	0.058	U	ug/l																					
Titanium																								
Uranium																								
Vanadium	0.11	U	ug/l																					
Zinc	350		ug/l	0.026		mg/l	0.008	U	mg/l							0.026		mg/l	0.008	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8000			PR8001			PR8001			PR8001			PR8001			PR8003			PR8003			PR8004		
Location Cross Ref.	B7239602			F7239605			F7239605			F7239605			F7239605			B8019601			B8019601			B8019602		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187781			187768			187768			187768			187768			187770			187770			187771		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D7470			6010			D6010			7470			D7470			6010			7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic				0.0029	U	mg/l	0.0029	U	mg/l							0.0029	U	mg/l				0.0029	U	mg/l
Barium				0.004	U	mg/l	0.003		mg/l							0.02		mg/l				0.004	U	mg/l
Beryllium																								
Cadmium				0.003	U	mg/l	0.004	U	mg/l							0.003	U	mg/l				0.003	U	mg/l
Calcium																								
Chromium				0.023		mg/l	0.01		mg/l							0.013	U	mg/l				0.013	U	mg/l
Cobalt																								
Copper				0.035	U	mg/l	0.007	U	mg/l							0.035	U	mg/l				0.035	U	mg/l
Cyanide																								
Iron				0.086		mg/l	0.009		mg/l							0.049		mg/l				0.037		mg/l
Lead				0.0026		mg/l	0.0015	U	mg/l							0.0015	U	mg/l				0.0015	U	mg/l
Lithium																								
Magnesium																								
Manganese				0.007		mg/l	0.002	U	mg/l							0.003		mg/l				0.002	U	mg/l
Mercury	0.0005	U	mg/l							0.0005	U	mg/l	0.0005	U	mg/l				0.0005	U	mg/l			
Molybdenum																								
Nickel				0.02	U	mg/l	0.017	U	mg/l							0.02	U	mg/l				0.02	U	mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.031		mg/l	0.008	U	mg/l							0.003	U	mg/l				0.005		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8004			PR8005			PR8005			PR8005			PR8005			PR8006			PR8006			PR8006		
Location Cross Ref.	B8019602			B8019605			B8019605			B8019605			B8019605			B8019606			B8019606			B8019606		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187771			187772			187772			187786			187786			187773			187773			187787		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Field Duplicate		
Analytical Method	7470			6010			7470			6010			7470			6010			7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic				0.0029	U	mg/l				0.0029	U	mg/l				0.0029	U	mg/l				0.0029	U	mg/l
Barium				0.009		mg/l				0.009		mg/l				0.025		mg/l				0.025		mg/l
Beryllium																								
Cadmium				0.003	U	mg/l				0.003	U	mg/l				0.003	U	mg/l				0.003	U	mg/l
Calcium																								
Chromium				0.013	U	mg/l				0.013	U	mg/l				0.014		mg/l				0.014		mg/l
Cobalt																								
Copper				0.035	U	mg/l				0.035	U	mg/l				0.035	U	mg/l				0.035	U	mg/l
Cyanide																								
Iron				0.058		mg/l				0.058		mg/l				0.075		mg/l				0.075		mg/l
Lead				0.0015	U	mg/l				0.0015	U	mg/l				0.0069		mg/l				0.0069		mg/l
Lithium																								
Magnesium																								
Manganese				0.002		mg/l				0.002		mg/l				0.004		mg/l				0.004		mg/l
Mercury	0.0005	U	mg/l				0.0005	U	mg/l				0.0005	U	mg/l				0.0005	U	mg/l			
Molybdenum																								
Nickel				0.02	U	mg/l				0.02	U	mg/l				0.02	U	mg/l				0.02	U	mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.005		mg/l				0.005		mg/l				0.25		mg/l				0.25		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8006			PR8007			PR8007			PR8007			PR8007			PR8008			PR8008			PR8008		
Location Cross Ref.	B8019606			B8019607			B8019607			B8019607			B8019607			B8019608			B8019608			B8019608		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187787			187774			187774			187788			187788			187775			187775			187789		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Field Duplicate		
Analytical Method	7470			6010			7470			6010			7470			6010			7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic				0.0029	U	mg/l				0.0029	U	mg/l				0.0029	U	mg/l				0.0029	U	mg/l
Barium				0.011		mg/l				0.011		mg/l				0.011		mg/l				0.011		mg/l
Beryllium																								
Cadmium				0.004		mg/l				0.004		mg/l				0.003	U	mg/l				0.003	U	mg/l
Calcium																								
Chromium				0.013	U	mg/l				0.013	U	mg/l				0.013	U	mg/l				0.013	U	mg/l
Cobalt																								
Copper				0.035	U	mg/l				0.035	U	mg/l				0.035	U	mg/l				0.035	U	mg/l
Cyanide																								
Iron				0.046		mg/l				0.046		mg/l				0.4		mg/l				0.4		mg/l
Lead				0.0015	U	mg/l				0.0015	U	mg/l				0.0015	U	mg/l				0.0015	U	mg/l
Lithium																								
Magnesium																								
Manganese				0.003		mg/l				0.003		mg/l				0.002		mg/l				0.002		mg/l
Mercury	0.0005	U	mg/l				0.0005	U	mg/l				0.0005	U	mg/l				0.0005	U	mg/l			
Molybdenum																								
Nickel				0.02	U	mg/l				0.02	U	mg/l				0.02	U	mg/l				0.02	U	mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.051		mg/l				0.051		mg/l				0.003	U	mg/l				0.003	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8008			PR8009			PR8009			PR8009			PR8009			PR8010			PR8010			PR8010		
Location Cross Ref.	B8019608			B8019612			B8019612			B8019612			B8019612			B8309601			B8309601			B8309601		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187789			187776			187776			187790			187790			187777			187777			187791		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Field Duplicate		
Analytical Method	7470			6010			7470			6010			7470			6010			7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic				0.0029	U	mg/l				0.0029	U	mg/l				0.0029	U	mg/l				0.0029	U	mg/l
Barium				0.041		mg/l				0.041		mg/l												
Beryllium																								
Cadmium				0.003	U	mg/l				0.003	U	mg/l				0.003	U	mg/l				0.003	U	mg/l
Calcium																								
Chromium				0.013	U	mg/l				0.013	U	mg/l												
Cobalt																								
Copper				0.035	U	mg/l				0.035	U	mg/l				0.035	U	mg/l				0.035	U	mg/l
Cyanide																								
Iron				0.027		mg/l				0.027		mg/l				0.046		mg/l				0.046		mg/l
Lead				0.0015	U	mg/l				0.0015	U	mg/l				0.0015	U	mg/l				0.0015	U	mg/l
Lithium																								
Magnesium																								
Manganese				0.002		mg/l				0.002		mg/l				0.026		mg/l				0.026		mg/l
Mercury	0.0005	U	mg/l				0.0005	U	mg/l				0.0005	U	mg/l				0.0005	U	mg/l			
Molybdenum																								
Nickel				0.02	U	mg/l				0.02	U	mg/l												
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.003	U	mg/l				0.003	U	mg/l				0.003	U	mg/l				0.003	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8010			PR8011			PR8011			PR8011			PR8011			PR8013			PR8013			PR8013		
Location Cross Ref.	B8309601			B8309602			B8309602			B8309602			B8309602			K8159602			K8159602			K8159602		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187791			187778			187778			187792			187792			187779			187779			187793		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Field Duplicate		
Analytical Method	7470			6010			7470			6010			7470			6010			7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic				0.0029	U	mg/l				0.0029	U	mg/l				0.0029	U	mg/l				0.0029	U	mg/l
Barium																0.042		mg/l				0.042		mg/l
Beryllium																								
Cadmium				0.006		mg/l				0.006		mg/l				0.003	U	mg/l				0.003	U	mg/l
Calcium																								
Chromium																0.013	U	mg/l				0.013	U	mg/l
Cobalt																								
Copper				0.035	U	mg/l				0.035	U	mg/l				0.035	U	mg/l				0.035	U	mg/l
Cyanide																								
Iron				0.04		mg/l				0.04		mg/l				0.053		mg/l				0.053		mg/l
Lead				0.0015	U	mg/l				0.0015	U	mg/l				0.0015	U	mg/l				0.0015	U	mg/l
Lithium																								
Magnesium																								
Manganese				0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l
Mercury	0.0005	U	mg/l				0.0005	U	mg/l				0.0005	U	mg/l				0.001		mg/l			
Molybdenum																								
Nickel																0.03		mg/l				0.03		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.031		mg/l				0.031		mg/l				0.021		mg/l				0.021		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8013			PR8015			PR8015			PR8015			PR8015			PR8015			PR8015			PR8015		
Location Cross Ref.	K8159602			B7239605			B7239605			B7239605			B7239605			B7239605			B7239605			B7239605		
Location Type	River/Stream			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187793			187751			187751			187751			187751			187759			187759			187759		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate		
Analytical Method	7470			6010			D6010			7470			D7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							0.1	U	mg/l										0.12		mg/l			
Antimony																								
Arsenic				0.0029	U	mg/l	0.003	U	mg/l							0.0029	U	mg/l	0.003	U	mg/l			
Barium				0.012		mg/l	0.013		mg/l							0.012		mg/l	0.013		mg/l			
Beryllium																								
Cadmium				0.003	U	mg/l	0.004	U	mg/l							0.003	U	mg/l	0.004	U	mg/l			
Calcium																								
Chromium				0.013	U	mg/l	0.009		mg/l							0.013	U	mg/l	0.008		mg/l			
Cobalt																								
Copper				0.035	U	mg/l	0.023		mg/l							0.035	U	mg/l	0.024		mg/l			
Cyanide																								
Iron				0.061		mg/l	0.004	U	mg/l							0.052		mg/l	0.004	U	mg/l			
Lead				0.003		mg/l	0.002	U	mg/l							0.002		mg/l	0.002	U	mg/l			
Lithium																								
Magnesium																								
Manganese				0.006		mg/l	0.002	U	mg/l							0.007		mg/l	0.002	U	mg/l			
Mercury	0.001		mg/l							0.0005	U	mg/l	0.0005	U	mg/l							0.0005	U	mg/l
Molybdenum																								
Nickel				0.02	U	mg/l	0.019		mg/l							0.02		mg/l	0.021		mg/l			
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.019		mg/l	0.008	U	mg/l							0.029		mg/l	0.008	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8015			PR8015			PR8015			PR8015			PR8015			PR8015			PR8015			PR8015		
Location Cross Ref.	B7239605			B7239605			B7239605			B7239605			B7239605			B7239605			B7239605			B7239605		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187759			187798			187798			187798			187817			187817			187817			187817		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate		
Analytical Method	D7470			6010			D6010			D7470			6010			D6010			7470			D7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							0.1	U	mg/l							0.12		mg/l						
Antimony																								
Arsenic				0.0029	U	mg/l	0.0029	U	mg/l				0.0029	U	mg/l	0.0029	U	mg/l						
Barium				0.012		mg/l	0.013		mg/l				0.012		mg/l	0.013		mg/l						
Beryllium																								
Cadmium				0.003	U	mg/l	0.004	U	mg/l				0.003	U	mg/l	0.004	U	mg/l						
Calcium																								
Chromium				0.013	U	mg/l	0.009		mg/l				0.013	U	mg/l	0.008		mg/l						
Cobalt																								
Copper				0.035	U	mg/l	0.023		mg/l				0.035	U	mg/l	0.024		mg/l						
Cyanide																								
Iron				0.061		mg/l	0.004	U	mg/l				0.052		mg/l	0.004	U	mg/l						
Lead				0.0028		mg/l	0.0015	U	mg/l				0.0023		mg/l	0.0015	U	mg/l						
Lithium																								
Magnesium																								
Manganese				0.006		mg/l	0.002	U	mg/l				0.007		mg/l	0.002	U	mg/l						
Mercury	0.0005	U	mg/l							0.0005	U	mg/l							0.0005	U	mg/l	0.0005	U	mg/l
Molybdenum																								
Nickel				0.02	U	mg/l	0.019		mg/l				0.02		mg/l	0.021		mg/l						
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.019		mg/l	0.008	U	mg/l				0.029		mg/l	0.008	U	mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8016			PR8016			PR8016			PR8016			PR8016			PR8016			PR8016			PR8017		
Location Cross Ref.	B7239607			B7239607			B7239607			B7239607			B7239607			B7239607			B7239607			B8019609		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187752			187752			187752			187799			187799			187799			187799			187753		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample		
Analytical Method	6010			D6010			D7470			6010			D6010			7470			D7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.18		mg/l							0.18		mg/l									
Antimony																								
Arsenic	0.0029	U	mg/l	0.003	U	mg/l				0.0029	U	mg/l	0.0029	U	mg/l							0.0029	U	mg/l
Barium	0.025		mg/l	0.024		mg/l				0.025		mg/l	0.024		mg/l							0.004	U	mg/l
Beryllium																								
Cadmium	0.003	U	mg/l	0.004	U	mg/l				0.003	U	mg/l	0.004	U	mg/l							0.003	U	mg/l
Calcium																								
Chromium	0.013	U	mg/l	0.016		mg/l				0.013	U	mg/l	0.016		mg/l							0.013	U	mg/l
Cobalt																								
Copper	0.035	U	mg/l	0.013		mg/l				0.035	U	mg/l	0.013		mg/l							0.035	U	mg/l
Cyanide																								
Iron	0.064		mg/l	0.014		mg/l				0.064		mg/l	0.014		mg/l							0.053		mg/l
Lead	0.002	U	mg/l	0.002	U	mg/l				0.0015	U	mg/l	0.0015	U	mg/l							0.002	U	mg/l
Lithium																								
Magnesium																								
Manganese	0.008		mg/l	0.005		mg/l				0.008		mg/l	0.005		mg/l							0.002	U	mg/l
Mercury	0.0005	U	mg/l				0.0005	U	mg/l							0.0005	U	mg/l	0.0005	U	mg/l	0.0005	U	mg/l
Molybdenum																								
Nickel	0.02	U	mg/l	0.028		mg/l				0.02	U	mg/l	0.028		mg/l							0.02	U	mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.016		mg/l	0.008	U	mg/l				0.016		mg/l	0.008	U	mg/l							0.003	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8017			PR8017			PR8017			PR8017			PR8017			PR8017			PR8017			PR8017		
Location Cross Ref.	B8019609			B8019609			B8019609			B8019609			B8019609			B8019609			B8019609			B8019609		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187753			187753			187764			187764			187764			187807			187807			187807		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate		
Analytical Method	D6010			D7470			6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.1	U	mg/l							0.1	U	mg/l							0.1	U	mg/l			
Antimony																								
Arsenic	0.003	U	mg/l				0.0029	U	mg/l							0.0029	U	mg/l	0.0029	U	mg/l			
Barium	0.001		mg/l				0.005		mg/l	0.03		mg/l				0.004	U	mg/l	0.001		mg/l			
Beryllium																								
Cadmium	0.004	U	mg/l				0.007		mg/l	0.004	U	mg/l				0.003	U	mg/l	0.004	U	mg/l			
Calcium																								
Chromium	0.007	U	mg/l				0.013	U	mg/l	0.007	U	mg/l				0.013	U	mg/l	0.007	U	mg/l			
Cobalt																								
Copper	0.01		mg/l				0.77		mg/l	0.007	U	mg/l				0.035	U	mg/l	0.01		mg/l			
Cyanide																								
Iron	0.004	U	mg/l				0.17		mg/l	0.01		mg/l				0.053		mg/l	0.004	U	mg/l			
Lead	0.002	U	mg/l				0.002		mg/l							0.0015	U	mg/l	0.0015	U	mg/l			
Lithium																								
Magnesium																								
Manganese	0.002	U	mg/l				0.01		mg/l	0.002		mg/l				0.002	U	mg/l	0.002	U	mg/l			
Mercury				0.0005	U	mg/l							0.0005	U	mg/l							0.0005	U	mg/l
Molybdenum																								
Nickel	0.017	U	mg/l				0.05		mg/l	0.017	U	mg/l				0.02	U	mg/l	0.017	U	mg/l			
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.008	U	mg/l				0.01		mg/l	0.015		mg/l				0.003	U	mg/l	0.008	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8017			PR8017			PR8017			PR8017			PR8017			PR8017			PR8018			PR8018		
Location Cross Ref.	B8019609			B8019609			B8019609			B8019609			B8019609			B8019609			B8019611			B8019611		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187807			187827			187827			187827			187832			187832			187754			187754		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	D7470			6010			D6010			7470			6010			7470			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							0.1	U	mg/l													0.1	U	mg/l
Antimony																								
Arsenic				0.0029	U	mg/l							0.0029	U	mg/l				0.0029	U	mg/l	0.003	U	mg/l
Barium				0.005		mg/l	0.03		mg/l				0.004	U	mg/l				0.006		mg/l	0.004		mg/l
Beryllium																								
Cadmium				0.007		mg/l	0.004	U	mg/l				0.003	U	mg/l				0.003	U	mg/l	0.004	U	mg/l
Calcium																								
Chromium				0.013	U	mg/l	0.07	U	mg/l				0.013	U	mg/l				0.02		mg/l	0.009		mg/l
Cobalt																								
Copper				0.77		mg/l	0.007	U	mg/l				0.035	U	mg/l				0.035	U	mg/l	0.01		mg/l
Cyanide																								
Iron				0.17		mg/l	0.01		mg/l				0.032		mg/l				0.61		mg/l	0.004	U	mg/l
Lead				0.002		mg/l							0.0015	U	mg/l				0.002	U	mg/l	0.002	U	mg/l
Lithium																								
Magnesium																								
Manganese				0.01		mg/l	0.002		mg/l				0.002	U	mg/l				0.007		mg/l	0.002	U	mg/l
Mercury	0.0005	U	mg/l							0.0005	U	mg/l				0.0005	U	mg/l						
Molybdenum																								
Nickel				0.05		mg/l	0.017	U	mg/l				0.02	U	mg/l				0.02		mg/l	0.017	U	mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.01		mg/l	0.015		mg/l				0.003	U	mg/l				0.024		mg/l	0.008	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8018			PR8018			PR8018			PR8018			PR8018			PR8018			PR8019			PR8019		
Location Cross Ref.	B8019611			B8019611			B8019611			B8019611			B8019611			B8019611			B8159607			B8159607		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187754			187754			187808			187808			187808			187808			187755			187755		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	7470			D7470			6010			D6010			7470			D7470			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum										0.1	U	mg/l										0.1		mg/l
Antimony																								
Arsenic							0.0029	U	mg/l	0.0029	U	mg/l							0.0029	U	mg/l			
Barium							0.006		mg/l	0.004		mg/l							0.004	U	mg/l	0.006		mg/l
Beryllium																								
Cadmium							0.003	U	mg/l	0.004	U	mg/l							0.003		mg/l	0.005		mg/l
Calcium																								
Chromium							0.02		mg/l	0.009		mg/l							0.013	U	mg/l	0.012		mg/l
Cobalt																								
Copper							0.035	U	mg/l	0.01		mg/l							0.035	U	mg/l	0.007	U	mg/l
Cyanide																								
Iron							0.61		mg/l	0.004	U	mg/l							0.012	U	mg/l	0.007		mg/l
Lead							0.0015	U	mg/l	0.0015	U	mg/l							0.002	U	mg/l			
Lithium																								
Magnesium																								
Manganese							0.007		mg/l	0.002	U	mg/l							0.003		mg/l	0.002	U	mg/l
Mercury	0.0005	U	mg/l	0.0005	U	mg/l							0.0005	U	mg/l	0.0005	U	mg/l						
Molybdenum																								
Nickel							0.02		mg/l	0.017	U	mg/l							0.03		mg/l	0.028		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							0.024		mg/l	0.008	U	mg/l							0.008		mg/l	0.008	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8019			PR8019			PR8019			PR8019			PR8020			PR8020			PR8020			PR8020		
Location Cross Ref.	B8159607			B8159607			B8159607			B8159607			B8239601			B8239601			B8239601			B8239601		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187755			187812			187812			187812			187756			187756			187756			187813		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate		
Analytical Method	7470			6010			D6010			7470			6010			D6010			7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							0.1		mg/l							0.13		mg/l						
Antimony																								
Arsenic				0.0029	U	mg/l							0.0041		mg/l							0.0041		mg/l
Barium				0.004	U	mg/l	0.006		mg/l				0.015		mg/l	0.038		mg/l				0.015		mg/l
Beryllium																								
Cadmium				0.003		mg/l	0.005		mg/l				0.004		mg/l	0.005		mg/l				0.004		mg/l
Calcium																								
Chromium				0.013	U	mg/l	0.012		mg/l				0.014		mg/l	0.014		mg/l				0.014		mg/l
Cobalt																								
Copper				0.035	U	mg/l	0.007	U	mg/l				0.035	U	mg/l	0.007	U	mg/l				0.035	U	mg/l
Cyanide																								
Iron				0.012	U	mg/l	0.007		mg/l				1.9		mg/l	1.8		mg/l				1.9		mg/l
Lead				0.0015	U	mg/l							0.002	U	mg/l							0.0015	U	mg/l
Lithium																								
Magnesium																								
Manganese				0.003		mg/l	0.002	U	mg/l				0.5		mg/l	0.49		mg/l				0.5		mg/l
Mercury	0.00063		mg/l							0.00063		mg/l							0.0005	U	mg/l			
Molybdenum																								
Nickel				0.03		mg/l	0.028		mg/l				0.06		mg/l	0.051		mg/l				0.06		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.008		mg/l	0.008	U	mg/l				0.014		mg/l	0.05		mg/l				0.014		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8020			PR8020			PR8021			PR8021			PR8021			PR8021			PR8021			PR8021		
Location Cross Ref.	B8239601			B8239601			B8239606			B8239606			B8239606			B8239606			B8239606			B8239606		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187813			187813			187757			187757			187757			187815			187815			187815		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate		
Analytical Method	D6010			7470			6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.13		mg/l							0.1		mg/l							0.1		mg/l			
Antimony																								
Arsenic							0.0029	U	mg/l							0.0029	U	mg/l						
Barium	0.038		mg/l				0.009		mg/l	0.03		mg/l				0.009		mg/l	0.03		mg/l			
Beryllium																								
Cadmium	0.005		mg/l				0.005		mg/l	0.004	U	mg/l				0.005		mg/l	0.004	U	mg/l			
Calcium																								
Chromium	0.014		mg/l				0.014		mg/l	0.009		mg/l				0.014		mg/l	0.009		mg/l			
Cobalt																								
Copper	0.007	U	mg/l				0.035	U	mg/l	0.007	U	mg/l				0.035	U	mg/l	0.007	U	mg/l			
Cyanide																								
Iron	1.8		mg/l				0.69		mg/l	0.032		mg/l				0.69		mg/l	0.032		mg/l			
Lead							0.005		mg/l	0.002	U	mg/l				0.0047		mg/l	0.0015	U	mg/l			
Lithium																								
Magnesium																								
Manganese	0.49		mg/l				0.086		mg/l	0.071		mg/l				0.086		mg/l	0.071		mg/l			
Mercury				0.0005	U	mg/l							0.0005	U	mg/l							0.0005	U	mg/l
Molybdenum																								
Nickel	0.051		mg/l				0.05		mg/l	0.024		mg/l				0.05		mg/l	0.024		mg/l			
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.05		mg/l				0.015		mg/l	0.02		mg/l				0.015		mg/l	0.02		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8022			PR8022			PR8022			PR8022			PR8022			PR8022			PR8024			PR8024		
Location Cross Ref.	B8279603			B8279603			B8279603			B8279603			B8279603			B8279603			F7239602			F7239602		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187758			187758			187758			187816			187816			187816			187760			187760		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			6010			D6010			7470			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																						0.1	U	mg/l
Antimony																								
Arsenic	0.0029	U	mg/l							0.0029	U	mg/l							0.0029	U	mg/l	0.003	U	mg/l
Barium																			0.005		mg/l	0.006		mg/l
Beryllium																								
Cadmium	0.003		mg/l	0.004	U	mg/l				0.003		mg/l	0.004	U	mg/l				0.003	U	mg/l	0.004	U	mg/l
Calcium																								
Chromium																			0.013	U	mg/l	0.01		mg/l
Cobalt																								
Copper	0.035	U	mg/l	0.007		mg/l				0.035	U	mg/l	0.007		mg/l				0.035	U	mg/l	0.021		mg/l
Cyanide																								
Iron	0.027		mg/l	0.007		mg/l				0.027		mg/l	0.007		mg/l				0.089		mg/l	0.019		mg/l
Lead	0.002	U	mg/l							0.0015	U	mg/l							0.002		mg/l	0.002	U	mg/l
Lithium																								
Magnesium																								
Manganese	0.002	U	mg/l	0.002	U	mg/l				0.002	U	mg/l	0.002	U	mg/l				0.004		mg/l	0.002	U	mg/l
Mercury							0.0005	U	mg/l							0.0005	U	mg/l						
Molybdenum																								
Nickel																			0.03		mg/l	0.028		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.003	U	mg/l	0.015		mg/l				0.003	U	mg/l	0.015		mg/l				0.015		mg/l	0.008	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8024			PR8024			PR8024			PR8024			PR8024			PR8024			PR8025			PR8025		
Location Cross Ref.	F7239602			F7239602			F7239602			F7239602			F7239602			F7239602			F7239603			F7239603		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187760			187760			187818			187818			187818			187818			187761			187761		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	7470			D7470			6010			D6010			7470			D7470			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum										0.1	U	mg/l										0.1	U	mg/l
Antimony																								
Arsenic							0.0029	U	mg/l	0.0029	U	mg/l							0.0029	U	mg/l	0.003	U	mg/l
Barium							0.005		mg/l	0.006		mg/l							0.004		mg/l	0.01		mg/l
Beryllium																								
Cadmium							0.003	U	mg/l	0.004	U	mg/l							0.003	U	mg/l	0.004	U	mg/l
Calcium																								
Chromium							0.013	U	mg/l	0.01		mg/l							0.013	U	mg/l	0.007	U	mg/l
Cobalt																								
Copper							0.035	U	mg/l	0.021		mg/l							0.035	U	mg/l	0.022		mg/l
Cyanide																								
Iron							0.089		mg/l	0.019		mg/l							0.099		mg/l	0.007		mg/l
Lead							0.0023		mg/l	0.0015	U	mg/l							0.002	U	mg/l	0.002	U	mg/l
Lithium																								
Magnesium																								
Manganese							0.004		mg/l	0.002	U	mg/l							0.007		mg/l	0.002	U	mg/l
Mercury	0.0005	U	mg/l	0.0005	U	mg/l							0.0005	U	mg/l	0.0005	U	mg/l						
Molybdenum																								
Nickel							0.03		mg/l	0.028		mg/l							0.02	U	mg/l	0.028		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							0.015		mg/l	0.008	U	mg/l							0.017		mg/l	0.008	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8025			PR8025			PR8025			PR8025			PR8025			PR8026			PR8026			PR8026		
Location Cross Ref.	F7239603			F7239603			F7239603			F7239603			F7239603			K8159601			K8159601			K8159601		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187761			187761			187819			187819			187819			187762			187762			187762		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7470			D7470			6010			D6010			D7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum										0.1	U	mg/l							0.1	U	mg/l			
Antimony																								
Arsenic							0.0029	U	mg/l	0.0029	U	mg/l				0.0029	U	mg/l						
Barium							0.004		mg/l	0.01		mg/l				0.01		mg/l	0.01		mg/l			
Beryllium																								
Cadmium							0.003	U	mg/l	0.004	U	mg/l				0.003	U	mg/l	0.009		mg/l			
Calcium																								
Chromium							0.013	U	mg/l	0.007	U	mg/l				0.013	U	mg/l	0.012		mg/l			
Cobalt																								
Copper							0.035	U	mg/l	0.022		mg/l				0.035	U	mg/l	0.023		mg/l			
Cyanide																								
Iron							0.099		mg/l	0.007		mg/l				0.043		mg/l	0.006		mg/l			
Lead							0.0015	U	mg/l	0.0015	U	mg/l				0.002	U	mg/l						
Lithium																								
Magnesium																								
Manganese							0.007		mg/l	0.002	U	mg/l				0.003		mg/l	0.002	U	mg/l			
Mercury	0.0005	U	mg/l	0.0005	U	mg/l	0.0005	U	mg/l				0.0005	U	mg/l							0.0005	U	mg/l
Molybdenum																								
Nickel							0.02	U	mg/l	0.028		mg/l				0.04		mg/l	0.069		mg/l			
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							0.017		mg/l	0.008	U	mg/l				0.003	U	mg/l	0.008	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8026			PR8026			PR8026			PR8027			PR8027			PR8027			PR8027			PR8027		
Location Cross Ref.	K8159601			K8159601			K8159601			K8209602			K8209602			K8209602			K8209602			K8209602		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187822			187822			187822			187763			187763			187763			187826			187826		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate		
Analytical Method	6010			D6010			7470			6010			D6010			7470			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.1	U	mg/l							0.2		mg/l							0.2		mg/l
Antimony																								
Arsenic	0.0029	U	mg/l							0.0029	U	mg/l							0.0029	U	mg/l			
Barium	0.01		mg/l	0.01		mg/l				0.008		mg/l	0.049		mg/l				0.008		mg/l	0.049		mg/l
Beryllium																								
Cadmium	0.003	U	mg/l	0.009		mg/l				0.004		mg/l	0.005		mg/l				0.004		mg/l	0.005		mg/l
Calcium																								
Chromium	0.013	U	mg/l	0.012		mg/l				0.013	U	mg/l	0.008		mg/l				0.013	U	mg/l	0.008		mg/l
Cobalt																								
Copper	0.035	U	mg/l	0.023		mg/l				0.035	U	mg/l	0.007	U	mg/l				0.035	U	mg/l	0.007	U	mg/l
Cyanide																								
Iron	0.043		mg/l	0.006		mg/l				0.012	U	mg/l	0.01		mg/l				0.012	U	mg/l	0.01		mg/l
Lead	0.0015	U	mg/l							0.002	U	mg/l							0.0015	U	mg/l			
Lithium																								
Magnesium																								
Manganese	0.003		mg/l	0.002	U	mg/l				0.004		mg/l	0.002	U	mg/l				0.004		mg/l	0.002	U	mg/l
Mercury							0.0005	U	mg/l							0.0005	U	mg/l						
Molybdenum																								
Nickel	0.04		mg/l	0.069		mg/l				0.07		mg/l	0.031		mg/l				0.07		mg/l	0.031		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.003	U	mg/l	0.008	U	mg/l				0.008		mg/l	0.11		mg/l				0.008		mg/l	0.11		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8027			PR8029			PR8029			PR8030			PR8030			PR8030			PR8030			PR8034		
Location Cross Ref.	K8209602			B8019610			B8019610			K8229601			K8229601			K8229601			K8229601			B8019601		
Location Type	Adit			River/Stream			River/Stream			Adit			Adit			Adit			Adit			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187826			187765			187765			187766			187766			187831			187831			187784		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample		
Analytical Method	7470			6010			7470			6010			7470			6010			7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic				0.0029	U	mg/l				0.0029	U	mg/l				0.0029	U	mg/l				0.0029	U	mg/l
Barium				0.004	U	mg/l				0.047		mg/l				0.047		mg/l				0.02		mg/l
Beryllium																								
Cadmium				0.003	U	mg/l				0.006		mg/l				0.006		mg/l				0.003	U	mg/l
Calcium																								
Chromium				0.013	U	mg/l				0.013		mg/l				0.013		mg/l				0.013	U	mg/l
Cobalt																								
Copper				0.035	U	mg/l				0.035	U	mg/l				0.035	U	mg/l				0.035	U	mg/l
Cyanide																								
Iron				0.032		mg/l				0.051		mg/l				0.051		mg/l				0.049		mg/l
Lead				0.002	U	mg/l				0.002	U	mg/l				0.0015	U	mg/l				0.0015	U	mg/l
Lithium																								
Magnesium																								
Manganese				0.002	U	mg/l				0.018		mg/l				0.018		mg/l				0.003		mg/l
Mercury	0.0005	U	mg/l				0.0005	U	mg/l				0.0005	U	mg/l				0.0005	U	mg/l			
Molybdenum																								
Nickel				0.02	U	mg/l				0.05		mg/l				0.05		mg/l				0.02	U	mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.003	U	mg/l				0.014		mg/l				0.014		mg/l				0.003	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8034			PR8035			PR8035			PR8045			PR8045			PR8045			PR8045			PR8046		
Location Cross Ref.	B8019601			B8019602			B8019602			B7239601			B7239601			B7239601			B7239601			B7239603		
Location Type	River/Stream			River/Stream			River/Stream			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187784			187785			187785			187795			187795			187795			187795			187796		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7470			6010			7470			6010			D6010			7470			D7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum													0.1	U	mg/l									
Antimony																								
Arsenic				0.0029	U	mg/l				0.0029	U	mg/l	0.0029	U	mg/l							0.0029	U	mg/l
Barium				0.004	U	mg/l				0.036		mg/l	0.033		mg/l							0.019		mg/l
Beryllium																								
Cadmium				0.003	U	mg/l				0.012		mg/l	0.015		mg/l							0.003	U	mg/l
Calcium																								
Chromium				0.013	U	mg/l				0.013	U	mg/l	0.007		mg/l							0.013	U	mg/l
Cobalt																								
Copper				0.035	U	mg/l				0.035	U	mg/l	0.019		mg/l							0.035	U	mg/l
Cyanide																								
Iron				0.037		mg/l				0.022		mg/l	0.004	U	mg/l							0.043		mg/l
Lead				0.0015	U	mg/l				0.033		mg/l	0.022		mg/l							0.1		mg/l
Lithium																								
Magnesium																								
Manganese				0.002	U	mg/l				0.015		mg/l	0.008		mg/l							0.007		mg/l
Mercury	0.0005	U	mg/l				0.0005	U	mg/l							0.0005	U	mg/l	0.0005	U	mg/l			
Molybdenum																								
Nickel				0.02	U	mg/l				0.02		mg/l	0.017	U	mg/l							0.02	U	mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.005		mg/l				2.8		mg/l	2.6		mg/l							0.57		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8046			PR8046			PR8046			PR8047			PR8047			PR8047			PR8047			PR8050		
Location Cross Ref.	B7239603			B7239603			B7239603			B7239604			B7239604			B7239604			B7239604			B7269601		
Location Type	Adit			Adit			Adit			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187796			187796			187796			187797			187797			187797			187797			187800		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			7470			D7470			6010			D6010			7470			D7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.1	U	mg/l										0.1	U	mg/l									
Antimony																								
Arsenic	0.0029	U	mg/l							0.0029	U	mg/l	0.0029	U	mg/l							0.0029	U	mg/l
Barium	0.018		mg/l							0.02		mg/l	0.019		mg/l							0.01		mg/l
Beryllium																								
Cadmium	0.007		mg/l							0.008		mg/l	0.013		mg/l							0.003	U	mg/l
Calcium																								
Chromium	0.007	U	mg/l							0.013	U	mg/l	0.018		mg/l							0.013	U	mg/l
Cobalt																								
Copper	0.015		mg/l							0.035	U	mg/l	0.02		mg/l							0.035	U	mg/l
Cyanide																								
Iron	0.004	U	mg/l							0.11		mg/l	0.006		mg/l							1.8		mg/l
Lead	0.089		mg/l							0.009		mg/l	0.048		mg/l							0.0043		mg/l
Lithium																								
Magnesium																								
Manganese	0.002	U	mg/l							0.02		mg/l	0.013		mg/l							0.2		mg/l
Mercury				0.0005	U	mg/l	0.0005	U	mg/l							0.0005	U	mg/l	0.0005	U	mg/l			
Molybdenum																								
Nickel	0.024		mg/l							0.02	U	mg/l	0.031		mg/l							0.03		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.57		mg/l							2.1		mg/l	2.2		mg/l							0.39		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8050			PR8050			PR8050			PR8054			PR8054			PR8054			PR8054			PR8055		
Location Cross Ref.	B7269601			B7269601			B7269601			B7309606			B7309606			B7309606			B7309606			B7319604		
Location Type	Spring/Seep			Spring/Seep			Spring/Seep			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187800			187800			187800			187804			187804			187804			187804			187805		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			7470			D7470			6010			D6010			7470			D7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.14		mg/l										0.1	U	mg/l									
Antimony																								
Arsenic	0.0029	U	mg/l							0.11		mg/l	0.086		mg/l							0.0029	U	mg/l
Barium	0.012		mg/l							0.004	U	mg/l	0.004		mg/l							0.004	U	mg/l
Beryllium																								
Cadmium	0.004	U	mg/l							0.006		mg/l	0.004	U	mg/l							0.003	U	mg/l
Calcium																								
Chromium	0.008		mg/l							0.026		mg/l	0.007	U	mg/l							0.013	U	mg/l
Cobalt																								
Copper	0.011		mg/l							0.062		mg/l	0.044		mg/l							0.035	U	mg/l
Cyanide																								
Iron	0.0044	U	mg/l							0.19		mg/l	0.004	U	mg/l							0.056		mg/l
Lead	0.0015	U	mg/l							0.19		mg/l	0.041		mg/l							0.003		mg/l
Lithium																								
Magnesium																								
Manganese	0.17		mg/l							0.13		mg/l	0.11		mg/l							0.002	U	mg/l
Mercury				0.0005	U	mg/l	0.0005	U	mg/l							0.0005	U	mg/l	0.0005	U	mg/l			
Molybdenum																								
Nickel	0.036		mg/l							0.02	U	mg/l	0.017	U	mg/l							0.02	U	mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.28		mg/l							0.47		mg/l	0.47		mg/l							0.007		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8055			PR8055			PR8055			PR8056			PR8056			PR8056			PR8056			PR8059		
Location Cross Ref.	B7319604			B7319604			B7319604			B8019603			B8019603			B8019603			B8019603			B8149603		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187805			187805			187805			187806			187806			187806			187806			187809		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			7470			D7470			6010			D6010			7470			D7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.1	U	mg/l										0.1	U	mg/l									
Antimony																								
Arsenic	0.0029	U	mg/l							0.0029	U	mg/l	0.0029	U	mg/l							0.0029	U	mg/l
Barium	0.003		mg/l							0.027		mg/l	0.025		mg/l							0.032		mg/l
Beryllium																								
Cadmium	0.004	U	mg/l							0.003	U	mg/l	0.004	U	mg/l							0.007		mg/l
Calcium																								
Chromium	0.011		mg/l							0.013	U	mg/l	0.007	U	mg/l							0.017		mg/l
Cobalt																								
Copper	0.015		mg/l							0.035	U	mg/l	0.016		mg/l							0.035	U	mg/l
Cyanide																								
Iron	0.004	U	mg/l							0.21		mg/l	0.004	U	mg/l							0.1		mg/l
Lead	0.0015	U	mg/l							0.0015	U	mg/l	0.0015	U	mg/l							0.0015	U	mg/l
Lithium																								
Magnesium																								
Manganese	0.002	U	mg/l							0.04		mg/l	0.008		mg/l							0.005		mg/l
Mercury				0.0005	U	mg/l	0.0005	U	mg/l							0.0005	U	mg/l	0.0005	U	mg/l			
Molybdenum																								
Nickel	0.017	U	mg/l							0.02	U	mg/l	0.017	U	mg/l							0.06		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.008	U	mg/l							0.11		mg/l	0.079		mg/l							0.033		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8059			PR8059			PR8060			PR8060			PR8060			PR8061			PR8061			PR8061		
Location Cross Ref.	B8149603			B8149603			B8149605			B8149605			B8149605			B8159603			B8159603			B8159603		
Location Type	River/Stream			River/Stream			Adit			Adit			Adit			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187809			187809			187810			187810			187810			187811			187811			187811		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			7470			6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.1	U	mg/l							0.1	U	mg/l							0.1	U	mg/l			
Antimony																								
Arsenic							0.0031		mg/l							0.0029	U	mg/l						
Barium	0.029		mg/l				0.034		mg/l	0.032		mg/l				0.048		mg/l	0.047		mg/l			
Beryllium																								
Cadmium	0.006		mg/l				0.011		mg/l	0.011		mg/l				0.013		mg/l	0.015		mg/l			
Calcium																								
Chromium	0.007	U	mg/l				0.014		mg/l	0.011		mg/l				0.015		mg/l	0.007		mg/l			
Cobalt																								
Copper	0.016		mg/l				0.035	U	mg/l	0.017		mg/l				0.035	U	mg/l	0.017		mg/l			
Cyanide																								
Iron	0.015		mg/l				0.012	U	mg/l	0.004	U	mg/l				0.012	U	mg/l	0.004	U	mg/l			
Lead							0.018		mg/l	0.016		mg/l				0.074		mg/l	0.063		mg/l			
Lithium																								
Magnesium																								
Manganese	0.002	U	mg/l				0.006		mg/l	0.002	U	mg/l				0.004		mg/l	0.002	U	mg/l			
Mercury				0.00032		mg/l							0.00035		mg/l							0.0005	U	mg/l
Molybdenum																								
Nickel	0.043		mg/l				0.05		mg/l	0.058		mg/l				0.04		mg/l	0.046		mg/l			
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.014		mg/l				0.92		mg/l	0.78		mg/l				1.5		mg/l	1.3		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8064			PR8064			PR8064			PR8070			PR8070			PR8070			PR8070			PR8071		
Location Cross Ref.	B8239604			B8239604			B8239604			F7239604			F7239604			F7239604			F7239604			F7239606		
Location Type	Adit			Adit			Adit			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187814			187814			187814			187820			187820			187820			187820			187821		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			6010			D6010			7470			D7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.15		mg/l							0.1		mg/l									
Antimony																								
Arsenic	0.0029	U	mg/l							0.0029	U	mg/l	0.0029	U	mg/l							0.0029	U	mg/l
Barium	0.025		mg/l	0.043		mg/l				0.065		mg/l	0.021		mg/l							0.004	U	mg/l
Beryllium																								
Cadmium	0.012		mg/l	0.011		mg/l				0.003		mg/l	0.004	U	mg/l							0.003	U	mg/l
Calcium																								
Chromium	0.019		mg/l	0.014		mg/l				0.013	U	mg/l	0.007	U	mg/l							0.013	U	mg/l
Cobalt																								
Copper	0.035	U	mg/l	0.007	U	mg/l				0.035	U	mg/l	0.027		mg/l							0.035	U	mg/l
Cyanide																								
Iron	0.012	U	mg/l	0.01		mg/l				3.4		mg/l	0.01		mg/l							0.13		mg/l
Lead	0.0019		mg/l							0.004		mg/l	0.0015	U	mg/l							0.0015	U	mg/l
Lithium																								
Magnesium																								
Manganese	0.014		mg/l	0.012		mg/l				0.57		mg/l	0.002		mg/l							0.007		mg/l
Mercury							0.0005	U	mg/l							0.0005		mg/l	0.0005	U	mg/l			
Molybdenum																								
Nickel	0.05		mg/l	0.035		mg/l				0.04		mg/l	0.028		mg/l							0.02		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.4		mg/l	1.3		mg/l				0.49		mg/l	0.023		mg/l							0.02		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8071			PR8071			PR8071			PR8073			PR8073			PR8073			PR8074			PR8074		
Location Cross Ref.	F7239606			F7239606			F7239606			K8159603			K8159603			K8159603			K8159605			K8159605		
Location Type	River/Stream			River/Stream			River/Stream			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187821			187821			187821			187823			187823			187823			187824			187824		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			7470			D7470			6010			D6010			7470			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.1	U	mg/l										0.1	U	mg/l							0.1	U	mg/l
Antimony																								
Arsenic	0.0029	U	mg/l							0.0029	U	mg/l							0.0036		mg/l			
Barium	0.005		mg/l							0.039		mg/l	0.032		mg/l				0.017		mg/l	0.016		mg/l
Beryllium																								
Cadmium	0.004	U	mg/l							0.003		mg/l	0.006		mg/l				0.003	U	mg/l	0.008		mg/l
Calcium																								
Chromium	0.011		mg/l							0.013	U	mg/l	0.007	U	mg/l				0.013	U	mg/l	0.01		mg/l
Cobalt																								
Copper	0.007	U	mg/l							0.035	U	mg/l	0.016		mg/l				0.035	U	mg/l	0.012		mg/l
Cyanide																								
Iron	0.009		mg/l							0.29		mg/l	0.004	U	mg/l				0.22		mg/l	0.004	U	mg/l
Lead	0.0015	U	mg/l							0.005		mg/l	0.0015	U	mg/l				0.004		mg/l	0.0015	U	mg/l
Lithium																								
Magnesium																								
Manganese	0.002		mg/l							0.022		mg/l	0.002	U	mg/l				0.01		mg/l	0.002	U	mg/l
Mercury				0.0005	U	mg/l	0.0005	U	mg/l							0.00067		mg/l						
Molybdenum																								
Nickel	0.017	U	mg/l							0.03		mg/l	0.038		mg/l				0.02		mg/l	0.035		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.008	U	mg/l							0.017		mg/l	0.008	U	mg/l				0.006		mg/l	0.008	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Prichard Creek - segment PrichCrkSeg03

Site Location	PR8074			PR8075			PR8075			PR8075			PR8078			PR8078		
Location Cross Ref.	K8159605			K8159606			K8159606			K8159606			B7239606			B7239606		
Location Type	Adit			Adit			Adit			Adit			Spring/Seep			Spring/Seep		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	187824			187825			187825			187825			187828			187828		
Sample Date	*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7470			6010			D6010			7470			6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							0.1	U	mg/l									
Antimony																		
Arsenic				0.0029	U	mg/l							0.0029	U	mg/l			
Barium				0.037		mg/l	0.034		mg/l				0.005		mg/l			
Beryllium																		
Cadmium				0.003	U	mg/l	0.006		mg/l				0.003	U	mg/l			
Calcium																		
Chromium				0.013	U	mg/l	0.007	U	mg/l				0.013	U	mg/l			
Cobalt																		
Copper				0.035	U	mg/l	0.016		mg/l				0.035	U	mg/l			
Cyanide																		
Iron				0.77		mg/l	0.005		mg/l				0.37		mg/l			
Lead				0.0015	U	mg/l							0.028		mg/l			
Lithium																		
Magnesium																		
Manganese				0.006		mg/l	0.002	U	mg/l				0.015		mg/l			
Mercury	0.00077		mg/l							0.0005	U	mg/l				0.0005	U	mg/l
Molybdenum																		
Nickel				0.03		mg/l	0.057		mg/l				0.02	U	mg/l			
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc				0.003	U	mg/l	0.008	U	mg/l				0.09		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF10			SF10			SF10			SF10			SF10			SF201			SF201			SF201		
Location Cross Ref.	SF-128			SF-128			SF-128			SF-128			SF-128			SF201			SF201			SF201		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172078			172078			172078			172078			172078			168408			168408			46531		
Sample Date	10/03/1991			10/03/1991			10/03/1991			10/03/1991			10/03/1991			11/11/1997			11/11/1997			05/09/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																20	U	ug/l	51	U	ug/l	50	U	ug/l
Antimony																0.67		ug/l	0.75	U	ug/l	0.71		ug/l
Arsenic																1.2		ug/l	1.4	J	ug/l	1	U	ug/l
Barium																39		ug/l	40		ug/l	36		ug/l
Beryllium																1	U	ug/l	0.35	U	ug/l	1	U	ug/l
Cadmium				0.001		mg/l				0.008		mg/l				0.093		ug/l	0.069	U	ug/l	0.6		ug/l
Calcium																13000		ug/l	13000		ug/l	7500		ug/l
Chromium																5	U	ug/l	6	U	ug/l	5	U	ug/l
Cobalt																5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper																0.5	U	ug/l	0.39	J	ug/l	3	U	ug/l
Cyanide																								
Iron																10	U	ug/l	17	U	ug/l	20	U	ug/l
Lead							0.006		mg/l				0.001		mg/l	0.13		ug/l	0.41	J	ug/l	0.92		ug/l
Lithium																								
Magnesium																3700		ug/l	3600		ug/l	2200		ug/l
Manganese																1.4		ug/l	2	J	ug/l	5	U	ug/l
Mercury																0.2	U	ug/l	0.1	U	ug/l	0.2	UJ	ug/l
Molybdenum																								
Nickel																0.4		ug/l	5	U	ug/l	5	U	ug/l
Potassium																700	U	ug/l	570	J	ug/l	300		ug/l
Selenium																1	U	ug/l	0.21	U	ug/l	1	U	ug/l
Silicon																								
Silver																0.03	U	ug/l	0.22	U	ug/l	0.3	U	ug/l
Sodium																4100		ug/l	4100		ug/l	3800		ug/l
Strontium																								
Sulfur																								
Thallium																0.5	U	ug/l	0.59		ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium																3	U	ug/l	2.5		ug/l	5	U	ug/l
Zinc	0.29		mg/l							0.013		mg/l				21		ug/l	26	U	ug/l	120		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF201		SF202		SF202		SF202		SF202		SF202		SF202		SF202	
Location Cross Ref.	SF201		SF202		SF202		SF202		SF202		SF202		SF202		SF202	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(3) URS/SWRI		(2) URS/MEL		(2) URS/LAUCKS		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	46531		168409		168409		168526		168526		46530		46530		186836	
Sample Date	05/09/1998		11/11/1997		11/11/1997		11/11/1997		11/11/1997		05/09/1998		05/09/1998		05/22/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	71	ug/l	20 U	ug/l	51 U	ug/l	20 U	ug/l	66 U	ug/l	50 U	ug/l	50 U	ug/l		
Antimony	0.72	ug/l	0.5 U	ug/l	0.25 U	ug/l	0.5 U	ug/l	0.28 U	ug/l	0.5 U	ug/l	0.5 U	ug/l		
Arsenic	1 U	ug/l	0.22	ug/l	0.27 UJ	ug/l	0.24	ug/l	0.39 UJ	ug/l	1 U	ug/l	1 U	ug/l		
Barium	38	ug/l	15	ug/l	16 J	ug/l	16	ug/l	16 J	ug/l	7.3	ug/l	8.1	ug/l		
Beryllium	1 U	ug/l	1 U	ug/l	0.35 U	ug/l	1 U	ug/l	0.35 U	ug/l	1 U	ug/l	1 U	ug/l		
Cadmium	0.62	ug/l	0.04 U	ug/l	0.069 U	ug/l	0.04 U	ug/l	0.069 U	ug/l	0.1 U	ug/l	0.1 U	ug/l		
Calcium	7500	ug/l	2800	ug/l	2900	ug/l	2800	ug/l	2900	ug/l	1300	ug/l	1300	ug/l		
Chromium	5 U	ug/l	5 U	ug/l	6 U	ug/l	5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l		
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l		
Copper	3 U	ug/l	0.5 U	ug/l	0.37 J	ug/l	0.5 U	ug/l	0.54 J	ug/l	3 U	ug/l	3 U	ug/l		
Cyanide																
Iron	80	ug/l	10 U	ug/l	5 U	ug/l	10 U	ug/l	5 U	ug/l	20 U	ug/l	31	ug/l	20	ug/l
Lead	3.7	ug/l	0.11	ug/l	0.19 J	ug/l	0.1 U	ug/l	0.19 J	ug/l	0.5 U	ug/l	0.5 U	ug/l		
Lithium																
Magnesium	2200	ug/l	1200	ug/l	1200	ug/l	1200	ug/l	1200	ug/l	500	ug/l	500	ug/l		
Manganese	6.3	ug/l	1 U	ug/l	1 J	ug/l	1 U	ug/l	1 U	ug/l	5 U	ug/l	5 U	ug/l	2	ug/l
Mercury	0.2 UJ	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.2 UJ	ug/l	0.2 UJ	ug/l		
Molybdenum																
Nickel	5 U	ug/l	0.3 U	ug/l	5 U	ug/l	0.3 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l		
Potassium	450	ug/l	700 U	ug/l	270 J	ug/l	700 U	ug/l	350 J	ug/l	200	ug/l	240	ug/l		
Selenium	1 U	ug/l	1 U	ug/l	0.21 U	ug/l	1 U	ug/l	0.21 U	ug/l	1 U	ug/l	1 U	ug/l		
Silicon																
Silver	0.3 U	ug/l	0.03 U	ug/l	0.22 U	ug/l	0.03 U	ug/l	0.22 U	ug/l	0.3 U	ug/l	0.3 U	ug/l		
Sodium	3800	ug/l	1100	ug/l	1100	ug/l	1100	ug/l	1100	ug/l	790	ug/l	800	ug/l		
Strontium																
Sulfur																
Thallium	0.1 U	ug/l	0.5 U	ug/l	0.18 U	ug/l	0.5 U	ug/l	0.15 U	ug/l	0.1 U	ug/l	0.1 U	ug/l		
Titanium																
Uranium																
Vanadium	5 U	ug/l	3 U	ug/l	2 U	ug/l	3 U	ug/l	2 U	ug/l	5 U	ug/l	5 U	ug/l		
Zinc	120	ug/l	4.5	ug/l	13 U	ug/l	2 U	ug/l	11 U	ug/l	6.2	ug/l	5 U	ug/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF202		SF204		SF204		SF204		SF204		SF205		SF205		SF205	
Location Cross Ref.	SF202		SF204		SF204		SF204		SF204		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(18) USGS/OTHER		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI		(4) MFG/OTHER		(4) MFG/OTHER		(4) MFG/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	186836		168410		168410		46529		46529		172044		172044		172044	
Sample Date	05/22/1999		11/10/1997		11/10/1997		05/09/1998		05/09/1998		05/16/1991		05/16/1991		05/16/1991	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010		7131		7421	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum			20 U	ug/l	32 U	ug/l	50 U	ug/l	120	ug/l						
Antimony			0.5 U	ug/l	0.05 U	ug/l	0.5 U	ug/l	0.5 U	ug/l						
Arsenic			0.11	ug/l	0.16 U	ug/l	1 U	ug/l	1 U	ug/l						
Barium			120	ug/l	120	ug/l	83	ug/l	100	ug/l						
Beryllium			1 U	ug/l	0.35 U	ug/l	1 U	ug/l	1 U	ug/l						
Cadmium	1 UJ	ug/l	0.04 U	ug/l	0.069 U	ug/l	0.1 U	ug/l	0.1 U	ug/l			0.0002 U	mg/l		
Calcium	1700	ug/l	5800	ug/l	5500	ug/l	3300	ug/l	3500	ug/l						
Chromium			5 U	ug/l	6 U	ug/l	5 U	ug/l	8.7	ug/l						
Cobalt			5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l						
Copper			0.5 U	ug/l	0.14 U	ug/l	4.3	ug/l	3 U	ug/l						
Cyanide																
Iron	10 U	ug/l	10 U	ug/l	5 U	ug/l	20 U	ug/l	140	ug/l						
Lead	1 U	ug/l	0.1 U	ug/l	0.026 U	ug/l	0.5 U	ug/l	4.4	ug/l					0.003 U	mg/l
Lithium																
Magnesium	680	ug/l	930	ug/l	900	ug/l	460	ug/l	470	ug/l						
Manganese	1 U	ug/l	1 U	ug/l	1.1 J	ug/l	5 U	ug/l	42	ug/l						
Mercury			0.2 U	ug/l	0.1 U	ug/l	0.2 UJ	ug/l	0.2 UJ	ug/l						
Molybdenum																
Nickel			0.3 U	ug/l	5 U	ug/l	5 U	ug/l	8.1	ug/l						
Potassium			700 U	ug/l	300 J	ug/l	200	ug/l	240	ug/l						
Selenium			1 U	ug/l	0.21 U	ug/l	1 U	ug/l	1 U	ug/l						
Silicon																
Silver			0.03 U	ug/l	0.22 U	ug/l	0.3 U	ug/l	0.3 U	ug/l						
Sodium	860	ug/l	1700	ug/l	1800	ug/l	980	ug/l	1000	ug/l						
Strontium																
Sulfur																
Thallium			0.5 U	ug/l	0.14 U	ug/l	0.1 U	ug/l	0.1 U	ug/l						
Titanium																
Uranium																
Vanadium			3 U	ug/l	2 U	ug/l	5 U	ug/l	5 U	ug/l						
Zinc	1.3	ug/l	6	ug/l	12 U	ug/l	5.9	ug/l	9.5	ug/l	0.02 U	mg/l				

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF205			SF205			SF205			SF205			SF205			SF205			SF205			SF205		
Location Cross Ref.	SF-1/SF-10			SF-1/SF-10			SF-1/SF-10			SF-1/SF-10			SF-1/SF-10			SF-1/SF-10			SF-1/SF-10			SF-1/SF-10		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172044			172044			172071			172071			172071			172071			172071			173367		
Sample Date	05/16/1991			05/16/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/26/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D7421			6010			7131			7421			D6010			D7421			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0002	U	mg/l							0.0002	U	mg/l				0.0002	U	mg/l				0.25	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.003	UJ	mg/l							0.001		mg/l				0.001	U	mg/l	7		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.02	U	mg/l				0.042		mg/l							0.012	U	mg/l				16		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF205		SF205		SF205		SF205		SF205		SF205		SF205		SF205	
Location Cross Ref.	SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173367		173368		173368		173369		173369		173370		173370		173371	
Sample Date	10/26/1993		11/30/1993		11/30/1993		12/16/1993		12/16/1993		01/19/1994		01/19/1994		02/15/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	2.5	ug/l	0.5 U	ug/l	2.5	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	2.5 J	ug/l	6	ug/l	3 J	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	26	ug/l	5.7 J	ug/l	5.7 J	ug/l	59	ug/l	59	ug/l	29	ug/l	15	ug/l	11	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF205		SF205		SF205		SF205		SF205		SF205		SF205		SF205	
Location Cross Ref.	SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173371		173372		173372		173373		173373		173374		173374		173375	
Sample Date	02/15/1994		03/07/1994		03/07/1994		03/23/1994		03/23/1994		04/06/1994		04/06/1994		04/18/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.5 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	3 J	ug/l	6	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	11	ug/l	25	ug/l	59	ug/l	5 U	ug/l	15	ug/l	5 U	ug/l	5 U	ug/l	12	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF205		SF205		SF205		SF205		SF205		SF205		SF205		SF205	
Location Cross Ref.	SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173375		173376		173376		173377		173377		173378		173378		173379	
Sample Date	04/18/1994		05/03/1994		05/03/1994		05/20/1994		05/20/1994		06/08/1994		06/08/1994		06/24/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	5	ug/l	6	ug/l	3 J	ug/l	10	ug/l	2.5 J	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	5 U	ug/l	11	ug/l	15	ug/l	12	ug/l	20	ug/l	15	ug/l	19	ug/l	61	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF205		SF205		SF205		SF205		SF205		SF205		SF205		SF205	
Location Cross Ref.	SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173379		173380		173380		173381		173381		173382		173382		173383	
Sample Date	06/24/1994		07/23/1994		07/23/1994		08/16/1994		08/16/1994		09/09/1994		09/09/1994		10/05/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	6	ug/l	4	ug/l	2.5 U	ug/l	2.5 J	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	23	ug/l	14	ug/l	43	ug/l	17	ug/l	22	ug/l	15	ug/l	11	ug/l	39	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF205		SF205		SF205		SF205		SF205		SF205		SF205		SF205	
Location Cross Ref.	SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173383		173384		173384		173385		173385		173386		173386		173387	
Sample Date	10/05/1994		11/15/1994		11/15/1994		12/14/1994		12/14/1994		01/11/1995		01/11/1995		02/10/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	8	ug/l	1.5 U	ug/l	2.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	21	ug/l	5 U	ug/l	13	ug/l	16	ug/l	5 U	ug/l	18	ug/l	23	ug/l	17	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF205		SF205		SF205		SF205		SF205		SF205		SF205		SF205	
Location Cross Ref.	SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173387		173388		173388		173389		173389		173390		173390		173391	
Sample Date	02/10/1995		03/08/1995		03/08/1995		03/22/1995		03/22/1995		04/12/1995		04/12/1995		04/25/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	2.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	21	ug/l	18	ug/l	25	ug/l	29	ug/l	22	ug/l	10 J	ug/l	14	ug/l	11	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF205			SF205			SF205			SF205			SF205			SF205			SF205			SF205		
Location Cross Ref.	SF-1/SF-10			SF-1/SF-10			SF-1/SF-10			SF-1/SF-10			SF-1/SF-10			SF-1/SF-10			SF-1/SF-10			SF-1/SF-10		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173391			173392			173392			173393			173393			173394			173394			173395		
Sample Date	04/25/1995			05/09/1995			05/09/1995			05/23/1995			05/23/1995			06/13/1995			06/13/1995			06/28/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.25	U	ug/l	0.25	U	ug/l	0.3	J	ug/l	0.25	U	ug/l	0.25	U	ug/l	1		ug/l	0.5	J	ug/l	0.25	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	4		ug/l	2.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	10	J	ug/l	24		ug/l	12		ug/l	10	J	ug/l	5	U	ug/l	20		ug/l	10	J	ug/l	10	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF205			SF205			SF205			SF205			SF205			SF205			SF205			SF205		
Location Cross Ref.	SF-1/SF-10			SF-1/SF-10			SF-1/SF-10			SF-1/SF-10			SF-1/SF-10			SF-1/SF-10			SF-1/SF-10			SF-1/SF-10		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173395			173396			173396			173397			173397			173398			173398			173399		
Sample Date	06/28/1995			07/12/1995			07/12/1995			07/26/1995			07/26/1995			08/15/1995			08/15/1995			09/14/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l	0.25	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l	1.5	U	ug/l	2.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	5	U	ug/l	13		ug/l	16		ug/l	10	J	ug/l	5	U	ug/l	13		ug/l	20		ug/l	5	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF205		SF205		SF205		SF205		SF205		SF205		SF205		SF205	
Location Cross Ref.	SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10		SF-1/SF-10	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173399		168411		168411		46540		46540		186837		186837		186838	
Sample Date	09/14/1995		11/10/1997		11/10/1997		05/11/1998		05/11/1998		05/22/1999		05/22/1999		05/25/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum			20 U	ug/l	28 U	ug/l	50 U	ug/l	58	ug/l						
Antimony			0.5 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l						
Arsenic			0.32	ug/l	0.22	ug/l	2 U	ug/l	2 U	ug/l						
Barium			28	ug/l	29	ug/l	13	ug/l	16	ug/l						
Beryllium			1 U	ug/l	0.35 U	ug/l	0.2 U	ug/l	0.2 U	ug/l						
Cadmium	0.25 U	ug/l	0.04 U	ug/l	0.069 U	ug/l	0.2 U	ug/l	0.2 U	ug/l			1 UJ	ug/l		
Calcium			6000	ug/l	5700	ug/l	2800	ug/l	2800	ug/l			3400	ug/l		
Chromium			5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l						
Cobalt			5 U	ug/l	5 U	ug/l	10 U	ug/l	10 U	ug/l						
Copper			0.5 U	ug/l	0.2 U	ug/l	2 U	ug/l	2 U	ug/l						
Cyanide																
Iron			37	ug/l	53 J	ug/l	20 U	ug/l	130	ug/l					920	ug/l
Lead	1.5 U	ug/l	0.1 U	ug/l	0.27 J	ug/l	0.2 U	ug/l	3.6	ug/l	2	ug/l	1	ug/l	11	ug/l
Lithium																
Magnesium			2000	ug/l	1900	ug/l	820	ug/l	820	ug/l			1000	ug/l		
Manganese			11	ug/l	12	ug/l	5 U	ug/l	13	ug/l					94	ug/l
Mercury			0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l						
Molybdenum																
Nickel			0.3 U	ug/l	5 U	ug/l	20 U	ug/l	20 U	ug/l						
Potassium			700 U	ug/l	330 J	ug/l	2000 U	ug/l	2000 U	ug/l						
Selenium			1 U	ug/l	0.21 U	ug/l	2 U	ug/l	2 U	ug/l						
Silicon																
Silver			0.03 U	ug/l	0.22 U	ug/l	0.2 U	ug/l	0.2 U	ug/l						
Sodium			1500	ug/l	1500	ug/l	1000	ug/l	990	ug/l			1300	ug/l		
Strontium																
Sulfur																
Thallium			0.5 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l						
Titanium																
Uranium																
Vanadium			3 U	ug/l	4.6 U	ug/l	10 U	ug/l	10 U	ug/l						
Zinc	12	ug/l	6.8	ug/l	18 U	ug/l	10 U	ug/l	10 U	ug/l	10	ug/l	2.7	ug/l	30	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF205		SF206		SF206		SF206		SF206		SF207		SF207		SF207	
Location Cross Ref.	SF-1/SF-10		SF206		SF206		SF206		SF206		SF207		SF207		SF207	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(18) USGS/OTHER		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/COLUMBWA	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	186838		168412		168412		46528		46528		168413		168413		46527	
Sample Date	05/25/1999		11/10/1997		11/10/1997		05/08/1998		05/08/1998		11/10/1997		11/10/1997		05/08/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum			20 U	ug/l	36 U	ug/l	50 U	ug/l	50 U	ug/l	20 U	ug/l	26 U	ug/l	50 U	ug/l
Antimony			2.6	ug/l	2.7	ug/l	4	ug/l	4	ug/l	1.2	ug/l	1.3 U	ug/l	0.9	ug/l
Arsenic			0.64	ug/l	0.6	ug/l	2 U	ug/l	2 U	ug/l	0.38	ug/l	0.31	ug/l	2 U	ug/l
Barium			21	ug/l	22	ug/l	21	ug/l	22	ug/l	30	ug/l	31	ug/l	20	ug/l
Beryllium			1 U	ug/l	0.35 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l	0.35 U	ug/l	0.2 U	ug/l
Cadmium	1	ug/l	0.04 U	ug/l	0.069 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.04 U	ug/l	0.069 U	ug/l	0.2 U	ug/l
Calcium	2300	ug/l	15000	ug/l	14000	ug/l	13000	ug/l	13000	ug/l	16000	ug/l	16000	ug/l	8700	ug/l
Chromium			5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	6 U	ug/l	5 U	ug/l
Cobalt			5 U	ug/l	5 U	ug/l	10 U	ug/l	10 U	ug/l	5 U	ug/l	5 U	ug/l	10 U	ug/l
Copper			5.5	ug/l	5.7	ug/l	7	ug/l	11	ug/l	0.54	ug/l	2.5 J	ug/l	2 U	ug/l
Cyanide																
Iron	11	ug/l	10 U	ug/l	5 U	ug/l	20 U	ug/l	28	ug/l	10 U	ug/l	5 U	ug/l	20 U	ug/l
Lead	1 U	ug/l	0.1 U	ug/l	0.13 J	ug/l	0.2 U	ug/l	1.3	ug/l	0.1 U	ug/l	0.097 J	ug/l	0.2 U	ug/l
Lithium																
Magnesium	670	ug/l	6600	ug/l	6300	ug/l	6400	ug/l	6000	ug/l	7400	ug/l	7200	ug/l	4000	ug/l
Manganese	5.4	ug/l	1 U	ug/l	1 U	ug/l	5 U	ug/l	5 U	ug/l	1 U	ug/l	1.2 J	ug/l	5 U	ug/l
Mercury			0.2 U	ug/l	0.29 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel			0.39	ug/l	5 U	ug/l	20 U	ug/l	20 U	ug/l	0.37	ug/l	5 U	ug/l	20 U	ug/l
Potassium			810 J	ug/l	580 J	ug/l	2000 U	ug/l	2000 U	ug/l	700 U	ug/l	490 J	ug/l	2000 U	ug/l
Selenium			1 U	ug/l	0.29	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	0.21 U	ug/l	2 U	ug/l
Silicon																
Silver			0.03 U	ug/l	0.22 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.03 U	ug/l	0.22 U	ug/l	0.2 U	ug/l
Sodium	950	ug/l	860	ug/l	850	ug/l	880	ug/l	880	ug/l	1000	ug/l	1100	ug/l	770	ug/l
Strontium																
Sulfur																
Thallium			0.5 U	ug/l	0.017 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.5 U	ug/l	0.017 U	ug/l	0.2 U	ug/l
Titanium																
Uranium																
Vanadium			3 U	ug/l	2 U	ug/l	10 U	ug/l	10 U	ug/l	3 U	ug/l	2 U	ug/l	10 U	ug/l
Zinc	5	ug/l	4.3	ug/l	9.5 U	ug/l	10 U	ug/l	10 U	ug/l	16	ug/l	9.8 U	ug/l	10 U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF207			SF208			SF208			SF208			SF208			SF208			SF208			SF208		
Location Cross Ref.	SF207			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46527			172045			172045			172045			172045			172045			172072			172072		
Sample Date	05/08/1998			05/16/1991			05/16/1991			05/16/1991			05/16/1991			05/16/1991			10/04/1991			10/04/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			6010			7131			7421			D6010			D7421			6010			7131		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l																					
Antimony	1		ug/l																					
Arsenic	2	U	ug/l																					
Barium	21		ug/l																					
Beryllium	0.2	U	ug/l																					
Cadmium	0.2	U	ug/l				0.0002	U	mg/l				0.0002	U	mg/l							0.0002	U	mg/l
Calcium	8400		ug/l																					
Chromium	5	U	ug/l																					
Cobalt	10	U	ug/l																					
Copper	3		ug/l																					
Cyanide																								
Iron	20	U	ug/l																					
Lead	0.2		ug/l							0.003	U	mg/l				0.003	U	mg/l						
Lithium																								
Magnesium	3900		ug/l																					
Manganese	5	U	ug/l																					
Mercury	0.2	U	ug/l																					
Molybdenum																								
Nickel	20	U	ug/l																					
Potassium	2000	U	ug/l																					
Selenium	2	U	ug/l																					
Silicon																								
Silver	0.2	U	ug/l																					
Sodium	780		ug/l																					
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l																					
Titanium																								
Uranium																								
Vanadium	10	U	ug/l																					
Zinc	10	U	ug/l	0.02	U	mg/l							0.02	U	mg/l				0.012	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF208	SF208	SF208	SF208	SF208	SF208	SF208	SF208
Location Cross Ref.	SF208/SF-100	SF208/SF-100	SF208/SF-100	SF208/SF-100	SF208/SF-100	SF208/SF-100	SF208/SF-100	SF208/SF-100
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(2) URS/MEL	(2) URS/LAUCKS	(3) URS/SWRI	(3) URS/SWRI	(18) USGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172072	172072	172072	168414	168414	46533	46533	186839
Sample Date	10/04/1991	10/04/1991	10/04/1991	11/10/1997	11/10/1997	05/09/1998	05/09/1998	10/22/1998
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	7421	D6010	D7421	DIN-CLP-LOW	IN-CLP-LOW	DIN-CLP-LOW	IN-CLP-LOW	6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum				20 U ug/l	260 ug/l	50 U ug/l	50 U ug/l	
Antimony				0.95 ug/l	1.1 U ug/l	0.5 U ug/l	0.5 U ug/l	
Arsenic				0.46 ug/l	0.47 ug/l	1 U ug/l	1 U ug/l	
Barium				38 ug/l	41 ug/l	21 ug/l	22 ug/l	
Beryllium				1 U ug/l	0.35 U ug/l	1 U ug/l	1 U ug/l	
Cadmium		0.0002 U mg/l		0.04 U ug/l	0.069 U ug/l	0.1 U ug/l	0.1 U ug/l	1 UJ ug/l
Calcium				11000 ug/l	11000 ug/l	4000 ug/l	4100 ug/l	
Chromium				5 U ug/l	6 U ug/l	5 U ug/l	5 U ug/l	
Cobalt				5 U ug/l	5 U ug/l	5 U ug/l	5 U ug/l	
Copper				0.75 ug/l	0.93 J ug/l	3 U ug/l	3 U ug/l	
Cyanide								
Iron				67 ug/l	100 ug/l	20 U ug/l	75 ug/l	
Lead	0.002 mg/l		0.001 U mg/l	0.71 ug/l	2.3 ug/l	0.5 U ug/l	2.7 ug/l	1 UJ ug/l
Lithium								
Magnesium				3200 ug/l	3100 ug/l	1200 ug/l	1200 ug/l	
Manganese				120 ug/l	130 ug/l	18 ug/l	28 ug/l	
Mercury				0.2 U ug/l	0.1 U ug/l	0.2 UJ ug/l	0.2 UJ ug/l	
Molybdenum								
Nickel				0.39 ug/l	5 U ug/l	5 U ug/l	5 U ug/l	
Potassium				930 ug/l	850 ug/l	280 ug/l	330 ug/l	
Selenium				1 U ug/l	0.21 U ug/l	1 U ug/l	1 U ug/l	
Silicon								
Silver				0.03 U ug/l	0.22 U ug/l	0.3 U ug/l	0.3 U ug/l	
Sodium				2000 ug/l	2100 ug/l	1100 ug/l	1000 ug/l	
Strontium								
Sulfur								
Thallium				0.5 U ug/l	0.12 U ug/l	0.1 U ug/l	0.1 U ug/l	
Titanium								
Uranium								
Vanadium				3 U ug/l	2.1 U ug/l	5 U ug/l	5 U ug/l	
Zinc		0.012 U mg/l		10 ug/l	24 U ug/l	6 ug/l	7 ug/l	10 ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF208			SF208			SF208			SF208			SF208			SF208		
Location Cross Ref.	SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	186839			186840			186840			186841			186841			186842		
Sample Date	10/22/1998			10/22/1998			10/22/1998			11/16/1998			11/16/1998			12/14/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1		ug/l	1	UJ	ug/l	1	UJ	ug/l	1		ug/l
Calcium	16000		ug/l				180		ug/l				16000		ug/l				14000		ug/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	10		ug/l	2		ug/l	7		ug/l	1		ug/l	4		ug/l
Lithium																								
Magnesium	4600		ug/l				97		ug/l				4100		ug/l				4100		ug/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	20	UJ	ug/l	10		ug/l	20	UJ	ug/l	60		ug/l	59		ug/l	30		ug/l	24		ug/l	20		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF208			SF208			SF208			SF208			SF208			SF208		
Location Cross Ref.	SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	186843			186844			186844			186845			186845			186846		
Sample Date	01/20/1999			03/22/1999			03/22/1999			04/19/1999			04/19/1999			05/05/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l			
Calcium	14000		ug/l				11000		ug/l				7900		ug/l	8200		ug/l
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																70		ug/l	18		ug/l	250		ug/l
Lead	1.2		ug/l	24	UJ	ug/l	1		ug/l	5		ug/l	1		ug/l	2		ug/l	1	U	ug/l	4		ug/l
Lithium																		
Magnesium	4100		ug/l				3700		ug/l				2900		ug/l				2800		ug/l			
Manganese																56		ug/l	48		ug/l	73		ug/l
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																			2200		ug/l			
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	22		ug/l	50		ug/l	20		ug/l	30		ug/l	9.1		ug/l	10		ug/l	8.2		ug/l	10		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF208			SF208			SF208			SF208			SF208			SF208			SF208			SF208		
Location Cross Ref.	SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186847			186848			186848			186849			186849			186850			186850			186851		
Sample Date	05/22/1999			05/25/1999			05/25/1999			05/27/1999			05/27/1999			05/31/1999			05/31/1999			06/16/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l				1	U	ug/l				1	UJ	ug/l				1	UJ	ug/l			
Calcium	5400		ug/l				3300		ug/l				3800		ug/l				4000		ug/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron	12		ug/l	870		ug/l	12		ug/l	330		ug/l	7.7		ug/l	160		ug/l	8.4		ug/l			
Lead	1	U	ug/l	13		ug/l	1	U	ug/l	5		ug/l	1	U	ug/l	2		ug/l	1	U	ug/l	3		ug/l
Lithium																								
Magnesium	1700		ug/l				1000		ug/l				1200		ug/l				1300		ug/l			
Manganese	28		ug/l	170		ug/l	12		ug/l	62		ug/l	18		ug/l	39		ug/l	16		ug/l			
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium							1000		ug/l															
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	4.3		ug/l	20		ug/l	3.5		ug/l	10		ug/l	4.1		ug/l	10		ug/l	3.9		ug/l	10		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF208			SF208			SF208			SF208			SF208			SF208			SF208			SF208		
Location Cross Ref.	SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100			SF208/SF-100		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186851			202146			202146			202146			202147			202147			202147			202148		
Sample Date	06/16/1999			07/12/1999			07/12/1999			07/12/1999			08/12/1999			08/12/1999			08/12/1999			08/31/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			6010			D6010			D6010			6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l				0.1	U	ug/l	1	U	ug/l				0.1	U	ug/l	1	U	ug/l			
Calcium	3400		ug/l	5.5		mg/l							11		mg/l							13		mg/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1		ug/l				1.8		ug/l	1	U	ug/l				1.4		ug/l	1	U	ug/l			
Lithium																								
Magnesium	960		ug/l	1.7		mg/l							3.2		mg/l							4		mg/l
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium	1000		ug/l	1.3		mg/l							2		mg/l							2.2		mg/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3.7		ug/l				4.4		ug/l	3		ug/l				6.7		ug/l	3		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF208			SF208			SF209			SF209			SF209			SF209			SF209			SF209		
Location Cross Ref.	SF208/SF-100			SF208/SF-100			SF209			SF209			SF209			SF209			SF209			SF209		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/SOUND			(3) URS/SOUND		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202148			202148			168415			168415			46526			46526			46648			46648		
Sample Date	08/31/1999			08/31/1999			11/10/1997			11/10/1997			05/08/1998			05/08/1998			05/19/1998			05/19/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							20	U	ug/l	26	U	ug/l	50	U	ug/l	50	U	ug/l	2.6	UJ	ug/l	20	J	ug/l
Antimony							2.9		ug/l	3		ug/l	1		ug/l	1		ug/l	0.47	U	ug/l	0.43	U	ug/l
Arsenic							1		ug/l	0.91		ug/l	2	U	ug/l	2	U	ug/l	0.27	J	ug/l	0.27	J	ug/l
Barium							42		ug/l	44		ug/l	20		ug/l	18		ug/l	25	J	ug/l	27	J	ug/l
Beryllium							1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.11	U	ug/l	0.11	U	ug/l
Cadmium	0.1	U	ug/l	1	U	ug/l	0.04	U	ug/l	0.069	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.041	U	ug/l	0.041	U	ug/l
Calcium							16000		ug/l	16000		ug/l	4700		ug/l	4500		ug/l	5200		ug/l	5200		ug/l
Chromium							5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l	0.49	J	ug/l	0.4	U	ug/l
Cobalt							5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	0.023	U	ug/l	0.023	U	ug/l
Copper							0.94		ug/l	1.1	J	ug/l	2	U	ug/l	3		ug/l	0.44	U	ug/l	0.56	J	ug/l
Cyanide																								
Iron							10	U	ug/l	5	U	ug/l	20	U	ug/l	32		ug/l	57	J	ug/l	85	J	ug/l
Lead	1.3		ug/l	1	U	ug/l	0.91		ug/l	1.2		ug/l	0.6		ug/l	3.1		ug/l	0.11	U	ug/l	0.66	J	ug/l
Lithium																								
Magnesium							6600		ug/l	6500		ug/l	2000		ug/l	1900		ug/l	1700	J	ug/l	1600	J	ug/l
Manganese							1	U	ug/l	1.3	J	ug/l	5	U	ug/l	5	U	ug/l	34	J	ug/l	39	J	ug/l
Mercury							0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.16	U	ug/l	0.16	U	ug/l
Molybdenum																								
Nickel							0.38		ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l	0.4	J	ug/l	0.23	U	ug/l
Potassium							700	U	ug/l	420	J	ug/l	2000	U	ug/l	2000	U	ug/l	1600	UJ	ug/l	1600	U	ug/l
Selenium							1	U	ug/l	0.21	U	ug/l	2	U	ug/l	2	U	ug/l	1.3	U	ug/l	1.3	U	ug/l
Silicon																								
Silver							0.03	U	ug/l	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.042	UJ	ug/l	0.042	U	ug/l
Sodium							1000		ug/l	1100		ug/l	720		ug/l	670		ug/l	1200	J	ug/l	1300	J	ug/l
Strontium																								
Sulfur																								
Thallium							0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.058	U	ug/l	0.058	U	ug/l
Titanium																								
Uranium																								
Vanadium							3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l	0.11	U	ug/l	0.11	U	ug/l
Zinc	8.2		ug/l	8		ug/l	2.7		ug/l	13	U	ug/l	10	U	ug/l	10	U	ug/l	4	J	ug/l	4.7	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF210			SF210			SF210			SF210			SF210			SF210			SF211			SF211		
Location Cross Ref.	SF210			SF210			SF210			SF210			SF210			SF210			SF211			SF211		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168416			168416			46524			46524			46525			46525			168417			168417		
Sample Date	11/10/1997			11/10/1997			05/08/1998			05/08/1998			05/08/1998			05/08/1998			11/09/1997			11/09/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	26	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	20	U	ug/l	26	U	ug/l
Antimony	0.5	U	ug/l	0.27	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.56	U	ug/l
Arsenic	0.13		ug/l	0.22	J	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	0.74		ug/l	0.77	U	ug/l
Barium	75		ug/l	77		ug/l	46		ug/l	44		ug/l	46		ug/l	43		ug/l	210		ug/l	210		ug/l
Beryllium	1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	0.35	U	ug/l
Cadmium	0.04	U	ug/l	0.069	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.29		ug/l	0.29	U	ug/l
Calcium	9200		ug/l	8600		ug/l	7500		ug/l	7000		ug/l	7500		ug/l	7000		ug/l	15000		ug/l	15000		ug/l
Chromium	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	0.54		ug/l	0.56	U	ug/l	2	U	ug/l	2		ug/l	2	U	ug/l	2	U	ug/l	0.5	U	ug/l	0.37	U	ug/l
Cyanide																								
Iron	10	U	ug/l	5	U	ug/l	20	U	ug/l	44		ug/l	20	U	ug/l	38		ug/l	10	U	ug/l	5	U	ug/l
Lead	0.1	U	ug/l	0.24	J	ug/l	0.2	U	ug/l	0.5		ug/l	0.2	U	ug/l	0.5		ug/l	0.25		ug/l	0.38	J	ug/l
Lithium																								
Magnesium	1800		ug/l	1800		ug/l	1600		ug/l	1500		ug/l	1600		ug/l	1500		ug/l	4800		ug/l	4500		ug/l
Manganese	1	U	ug/l	1	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	1.8		ug/l	1.4	J	ug/l
Mercury	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel	0.3	U	ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	0.3	U	ug/l	5	U	ug/l
Potassium	700	U	ug/l	210	J	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	770		ug/l	750	J	ug/l
Selenium	1	U	ug/l	0.32		ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver	0.03	U	ug/l	7.2		ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.03	U	ug/l	0.22	U	ug/l
Sodium	660		ug/l	670		ug/l	100	U	ug/l	450		ug/l	490		ug/l	450		ug/l	5800		ug/l	5900		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	3	U	ug/l	2.6	U	ug/l
Zinc	4.2		ug/l	11	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	23		ug/l	32	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF211			SF211			SF211			SF211			SF212			SF212			SF212			SF212		
Location Cross Ref.	SF211			SF211			SF211			SF211			SF212			SF212			SF212			SF212		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168520			168520			46523			46523			168418			168418			46522			46522		
Sample Date	11/09/1997			11/09/1997			05/08/1998			05/08/1998			11/09/1997			11/09/1997			05/08/1998			05/08/1998		
Sample Type	Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	26	U	ug/l	50	U	ug/l	50	U	ug/l	20	U	ug/l	48	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony	0.5	U	ug/l	0.46	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	5.2		ug/l	3.5	J	ug/l	2.6		ug/l	2.5		ug/l
Arsenic	0.7		ug/l	0.63	U	ug/l	2	U	ug/l	2	U	ug/l	2.7		ug/l	0.43	U	ug/l	2	U	ug/l	2	U	ug/l
Barium	220		ug/l	210		ug/l	140		ug/l	130		ug/l	41		ug/l	39		ug/l	52		ug/l	51		ug/l
Beryllium	1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Cadmium	0.28		ug/l	0.29	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.04	U	ug/l	2.9		ug/l	0.2	U	ug/l	0.2	U	ug/l
Calcium	15000		ug/l	15000		ug/l	3700		ug/l	3400		ug/l	9900		ug/l	9500		ug/l	15000		ug/l	14000		ug/l
Chromium	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l
Copper	0.5	U	ug/l	0.64	U	ug/l	2	U	ug/l	2	U	ug/l	12		ug/l	0.81	J	ug/l	7		ug/l	8		ug/l
Cyanide																								
Iron	10	U	ug/l	6.2	U	ug/l	20	U	ug/l	30		ug/l	10	U	ug/l	6.1	U	ug/l	20	U	ug/l	20	U	ug/l
Lead	0.3		ug/l	0.36	J	ug/l	0.2	U	ug/l	1.5		ug/l	1.6		ug/l	13		ug/l	0.6		ug/l	2.7		ug/l
Lithium																								
Magnesium	4900		ug/l	4500		ug/l	680		ug/l	630		ug/l	4200		ug/l	3900		ug/l	4400		ug/l	4400		ug/l
Manganese	1.7		ug/l	1.4	J	ug/l	5	U	ug/l	5	U	ug/l	1.9		ug/l	1.8	J	ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	0.48		ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l	0.3	U	ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l
Potassium	700	U	ug/l	570	J	ug/l	2000	U	ug/l	2000	U	ug/l	700	U	ug/l	410	J	ug/l	2000	U	ug/l	2000	U	ug/l
Selenium	1	U	ug/l	0.21	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	0.21	U	ug/l	2	U	ug/l	2	U	ug/l
Silicon																								
Silver	0.03	U	ug/l	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Sodium	5900		ug/l	6000		ug/l	100	U	ug/l	730		ug/l	910		ug/l	900		ug/l	910		ug/l	880		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2.6	U	ug/l	10	U	ug/l	10	U	ug/l	3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l
Zinc	23		ug/l	32	U	ug/l	10	U	ug/l	10	U	ug/l	6.8		ug/l	14	U	ug/l	10	U	ug/l	10	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF213			SF213			SF213			SF213			SF214			SF214			SF214			SF214		
Location Cross Ref.	SF213			SF213			SF213			SF213			SF214			SF214			SF214			SF214		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168419			168419			46521			46521			168420			168420			46539			46539		
Sample Date	11/10/1997			11/10/1997			05/08/1998			05/08/1998			11/09/1997			11/09/1997			05/11/1998			05/11/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	26	U	ug/l	50	U	ug/l	50	U	ug/l	20	U	ug/l	53	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony	0.5	U	ug/l	0.29	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.17	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Arsenic	0.1	U	ug/l	0.16	U	ug/l	2	U	ug/l	2	U	ug/l	0.17		ug/l	0.16	U	ug/l	2	U	ug/l	2	U	ug/l
Barium	87		ug/l	89		ug/l	120		ug/l	120		ug/l	110		ug/l	110		ug/l	54		ug/l	56		ug/l
Beryllium	1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Cadmium	0.04	U	ug/l	0.069	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.04	U	ug/l	0.069	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Calcium	16000		ug/l	15000		ug/l	17000		ug/l	16000		ug/l	8200		ug/l	7900		ug/l	6000		ug/l	5900		ug/l
Chromium	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l
Copper	0.5	U	ug/l	0.15	U	ug/l	2	U	ug/l	2	U	ug/l	0.5	U	ug/l	0.36	U	ug/l	2	U	ug/l	2	U	ug/l
Cyanide																								
Iron	10	U	ug/l	10	J	ug/l	20	U	ug/l	38		ug/l	10	U	ug/l	9.9	U	ug/l	20	U	ug/l	28		ug/l
Lead	0.1	U	ug/l	0.19	J	ug/l	0.2	U	ug/l	0.9		ug/l	0.11		ug/l	0.33	J	ug/l	0.2	U	ug/l	0.7		ug/l
Lithium																								
Magnesium	1600		ug/l	1600		ug/l	1900		ug/l	1900		ug/l	1300		ug/l	1200		ug/l	880		ug/l	870		ug/l
Manganese	1	U	ug/l	3.4	J	ug/l	5	U	ug/l	7		ug/l	1.5		ug/l	2.6	J	ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	0.38		ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l	0.3	U	ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l
Potassium	700	U	ug/l	630	J	ug/l	2000	U	ug/l	2000	U	ug/l	700	U	ug/l	190	J	ug/l	2000	U	ug/l	2000	U	ug/l
Selenium	1	U	ug/l	0.35		ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	0.21	U	ug/l	2	U	ug/l	2	U	ug/l
Silicon																								
Silver	0.03	U	ug/l	7.7		ug/l	0.2	U	ug/l	0.2	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Sodium	760		ug/l	780		ug/l	910		ug/l	860		ug/l	690		ug/l	700		ug/l	500		ug/l	500		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l	3	U	ug/l	2.3	U	ug/l	10	U	ug/l	10	U	ug/l
Zinc	7.4		ug/l	13	U	ug/l	10	U	ug/l	10	U	ug/l	5.9		ug/l	30	U	ug/l	10	U	ug/l	10	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF215			SF215			SF215			SF215			SF215			SF215			SF215			SF215		
Location Cross Ref.	SF-105			SF-105			SF-105			SF-105			SF-105			SF-105			SF-105			SF-105		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172046			172046			172046			172046			172046			172073			172073			172073		
Sample Date	05/15/1991			05/15/1991			05/15/1991			05/15/1991			05/15/1991			10/04/1991			10/04/1991			10/04/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0002	U	mg/l				0.0002	U	mg/l							0.0002	U	mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.003	U	mg/l				0.003	UJ	mg/l							0.002		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.02	U	mg/l							0.02	U	mg/l				0.016		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF215			SF215			SF215			SF215			SF215			SF215			SF216			SF216		
Location Cross Ref.	SF-105			SF-105			SF-105			SF-105			SF-105			SF-105			SF216			SF216		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172073			172073			168421			168421			46538			46538			168422			168422		
Sample Date	10/04/1991			10/04/1991			11/09/1997			11/09/1997			05/10/1998			05/10/1998			11/09/1997			11/09/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							20	U	ug/l	36	U	ug/l	6.6	J	ug/l	32	J	ug/l	20	U	ug/l	62	U	ug/l
Antimony							0.99		ug/l	4	J	ug/l	0.032	U	ug/l	0.032	U	ug/l	0.53		ug/l	0.67	U	ug/l
Arsenic							0.49		ug/l	0.32	U	ug/l	0.35	J	ug/l	0.31	J	ug/l	0.18		ug/l	0.2	U	ug/l
Barium							66		ug/l	63		ug/l	32	J	ug/l	32	J	ug/l	48		ug/l	47		ug/l
Beryllium							1	U	ug/l	0.35	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	1	U	ug/l	0.35	U	ug/l
Cadmium	0.0002	U	mg/l				0.04	U	ug/l	4.4		ug/l	0.042	U	ug/l	0.042	U	ug/l	0.12		ug/l	0.16	U	ug/l
Calcium							11000		ug/l	10000		ug/l	5500		ug/l	5300		ug/l	15000		ug/l	15000		ug/l
Chromium							5	U	ug/l	6	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	5	U	ug/l	7.4	J	ug/l
Cobalt							5	U	ug/l	5	U	ug/l	0.023	U	ug/l	0.031	J	ug/l	5	U	ug/l	5	U	ug/l
Copper							1.4		ug/l	1.6	J	ug/l	0.61	J	ug/l	1	J	ug/l	0.62		ug/l	0.5	U	ug/l
Cyanide																								
Iron							33		ug/l	49	U	ug/l	35	J	ug/l	95	J	ug/l	10	U	ug/l	23	U	ug/l
Lead				0.001	U	mg/l	0.69		ug/l	33		ug/l	0.32	J	ug/l	3.4		ug/l	0.27		ug/l	1.3		ug/l
Lithium																								
Magnesium							3000		ug/l	2700		ug/l	1300	J	ug/l	1300	J	ug/l	3700		ug/l	3300		ug/l
Manganese							61		ug/l	60		ug/l	11	J	ug/l	19		ug/l	1	U	ug/l	5.8	J	ug/l
Mercury							0.2	U	ug/l	0.1	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel							0.3	U	ug/l	5	U	ug/l	0.22	U	ug/l	0.22	U	ug/l	0.32		ug/l	14	J	ug/l
Potassium							700	U	ug/l	520	J	ug/l	1600	U	ug/l	1600	U	ug/l	700	U	ug/l	410	J	ug/l
Selenium							1	U	ug/l	0.21	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver							0.03	U	ug/l	0.22	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.03	U	ug/l	0.22	U	ug/l
Sodium							2600		ug/l	2500		ug/l	1300	J	ug/l	1300	J	ug/l	630		ug/l	640		ug/l
Strontium																								
Sulfur																								
Thallium							0.5	U	ug/l	0.017	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium							3	U	ug/l	2	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	3	U	ug/l	3	U	ug/l
Zinc	0.012	U	mg/l				11		ug/l	28	U	ug/l	7.6	J	ug/l	9.1	J	ug/l	28		ug/l	48		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF218			SF218			SF218			SF218			SF219			SF219			SF219			SF219		
Location Cross Ref.	SF218			SF218			SF218			SF218			SF219			SF219			SF219			SF219		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI			(3) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168423			168423			46520			46520			168424			168424			46510			46510		
Sample Date	11/09/1997			11/09/1997			05/08/1998			05/08/1998			11/08/1997			11/08/1997			05/06/1998			05/06/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	26	U	ug/l	50	U	ug/l	50	U	ug/l	20	U	ug/l	26	U	ug/l	50	U	ug/l	82		ug/l
Antimony	0.92		ug/l	19		ug/l	0.9		ug/l	0.9		ug/l	0.5	U	ug/l	0.05	U	ug/l	0.5	U	ug/l	0.5	U	ug/l
Arsenic	1.1		ug/l	1.8	J	ug/l	2	U	ug/l	2	U	ug/l	0.21		ug/l	0.34	J	ug/l	1	U	ug/l	1	U	ug/l
Barium	67		ug/l	67		ug/l	48		ug/l	47		ug/l	350		ug/l	370		ug/l	310		ug/l	340		ug/l
Beryllium	1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	0.35	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	0.96		ug/l	0.92		ug/l	0.9		ug/l	0.9		ug/l	0.04	U	ug/l	0.069	U	ug/l	0.1	U	ug/l	0.1	U	ug/l
Calcium	38000		ug/l	37000		ug/l	25000		ug/l	25000		ug/l	3600		ug/l	3700		ug/l	2900		ug/l	3000		ug/l
Chromium	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	0.5	U	ug/l	0.46	J	ug/l	2	U	ug/l	3		ug/l	0.5	U	ug/l	0.06	U	ug/l	3	U	ug/l	3	U	ug/l
Cyanide																								
Iron	10	U	ug/l	5	UJ	ug/l	20	U	ug/l	23		ug/l	10	U	ug/l	5	UJ	ug/l	20	U	ug/l	82	U	ug/l
Lead	3.4		ug/l	7		ug/l	1.7		ug/l	5		ug/l	0.1	U	ug/l	0.17	J	ug/l	0.5	U	ug/l	0.85		ug/l
Lithium																								
Magnesium	9500		ug/l	9500		ug/l	4700		ug/l	4700		ug/l	720		ug/l	680		ug/l	590		ug/l	590		ug/l
Manganese	16		ug/l	18		ug/l	5	U	ug/l	6		ug/l	1	U	ug/l	1	U	ug/l	5	U	ug/l	12		ug/l
Mercury	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.32		ug/l
Molybdenum																								
Nickel	0.97		ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l	0.3	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium	700	U	ug/l	1200		ug/l	2000	U	ug/l	2000	U	ug/l	700	U	ug/l	410	J	ug/l	290		ug/l	330		ug/l
Selenium	1	U	ug/l	0.21	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	0.21	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver	0.03	U	ug/l	0.22	UJ	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.03	U	ug/l	0.22	UJ	ug/l	0.3	U	ug/l	0.3	U	ug/l
Sodium	2000		ug/l	2100		ug/l	1600		ug/l	1600		ug/l	1400		ug/l	1500		ug/l	1300		ug/l	1300		ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.92	J	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.12	U	ug/l	0.1	U	ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l	3	U	ug/l	2	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	190		ug/l	200		ug/l	150		ug/l	160		ug/l	2		ug/l	14	U	ug/l	5	U	ug/l	5	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF220			SF220			SF220			SF220			SF220			SF220		
Location Cross Ref.	SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	172048			172048			172048			172048			172075			172075		
Sample Date	05/15/1991			05/15/1991			05/15/1991			05/15/1991			10/04/1991			10/04/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0002		mg/l				0.0002		mg/l							0.0006		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.007		mg/l				0.003	U	mg/l							0.026		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.051		mg/l							0.027		mg/l				0.21		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF220		SF220		SF220		SF220		SF220		SF220		SF220		SF220	
Location Cross Ref.	SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(5) MFG/OTHER		(5) MFG/OTHER		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172075		172075		173400		173400		173401		173401		173402		173402	
Sample Date	10/04/1991		10/04/1991		10/26/1993		10/26/1993		11/30/1993		11/30/1993		12/20/1993		12/20/1993	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D7421		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.0006	mg/l			0.8	ug/l	0.8	ug/l	0.7	ug/l	0.8	ug/l	0.8	ug/l	0.8	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead			0.004	mg/l	8	ug/l	3 J	ug/l	18	ug/l	5	ug/l	9	ug/l	3 J	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	0.11	mg/l			180	ug/l	180	ug/l	170	ug/l	170	ug/l	210	ug/l	190	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF220			SF220			SF220			SF220			SF220			SF220			SF220			SF220		
Location Cross Ref.	SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173403			173403			173404			173404			173405			173405			173406			173406		
Sample Date	01/19/1994			01/19/1994			02/15/1994			02/15/1994			03/07/1994			03/07/1994			03/23/1994			03/23/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.6		ug/l	0.6		ug/l	0.7		ug/l	0.7		ug/l	0.5	J	ug/l	0.6		ug/l	0.6		ug/l	0.6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	11		ug/l	3	J	ug/l	13		ug/l	4		ug/l	9		ug/l	5		ug/l	9		ug/l	4		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	170		ug/l	180		ug/l	190		ug/l	180		ug/l	120		ug/l	120		ug/l	140		ug/l	140		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF220		SF220		SF220		SF220		SF220		SF220		SF220		SF220	
Location Cross Ref.	SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173407		173407		173408		173408		173409		173409		173410		173410	
Sample Date	04/06/1994		04/06/1994		04/18/1994		04/18/1994		05/03/1994		05/03/1994		05/20/1994		05/20/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.5 J	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.25 U	ug/l	0.5 J	ug/l	0.25 U	ug/l	0.7	ug/l	0.8	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	10	ug/l	1.5 U	ug/l	21	ug/l	1.5 U	ug/l	5 J	ug/l	1.5 U	ug/l	63	ug/l	7	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	81	ug/l	73	ug/l	46	ug/l	26	ug/l	58	ug/l	58	ug/l	57	ug/l	47	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF220			SF220			SF220			SF220			SF220			SF220			SF220			SF220		
Location Cross Ref.	SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173411			173411			173412			173412			173413			173413			173414			173414		
Sample Date	06/08/1994			06/08/1994			06/24/1994			06/24/1994			07/23/1994			07/23/1994			08/16/1994			08/16/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.25	U	ug/l	0.5	J	ug/l	0.6		ug/l	0.5	J	ug/l	0.7		ug/l	0.5	J	ug/l	2.2		ug/l	0.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	9		ug/l	1.5	U	ug/l	7		ug/l	3	J	ug/l	11		ug/l	4		ug/l	14		ug/l	5		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	66		ug/l	65		ug/l	94		ug/l	89		ug/l	150		ug/l	140		ug/l	180		ug/l	180		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF220		SF220		SF220		SF220		SF220		SF220		SF220		SF220	
Location Cross Ref.	SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173415		173415		173416		173416		173417		173417		173418		173418	
Sample Date	09/09/1994		09/09/1994		10/05/1994		10/05/1994		11/15/1994		11/15/1994		12/14/1994		12/14/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.6	ug/l	0.6	ug/l	1	ug/l	1	ug/l	1	ug/l	0.8	ug/l	1.1	ug/l	1.1	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	6	ug/l	1.5 U	ug/l	6	ug/l	3 J	ug/l	7	ug/l	1.5 U	ug/l	7	ug/l	3 J	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	160	ug/l	150	ug/l	200	ug/l	200	ug/l	190	ug/l	180	ug/l	220	ug/l	220	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF220		SF220		SF220		SF220		SF220		SF220		SF220		SF220	
Location Cross Ref.	SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9		SF-110/SF-9	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173419		173419		173420		173420		173421		173421		173422		173422	
Sample Date	01/11/1995		01/11/1995		02/10/1995		02/10/1995		03/08/1995		03/08/1995		03/22/1995		03/22/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.7	ug/l	0.6	ug/l	0.6	ug/l	0.5 J	ug/l	0.6	ug/l	0.6	ug/l	1	ug/l	0.9	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	12	ug/l	3 J	ug/l	7	ug/l	1.5 U	ug/l	6	ug/l	1.5 U	ug/l	5 J	ug/l	1.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	120	ug/l	120	ug/l	110	ug/l	110	ug/l	120	ug/l	120	ug/l	210	ug/l	190	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF220			SF220			SF220			SF220			SF220			SF220			SF220			SF220		
Location Cross Ref.	SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173423			173423			173424			173424			173425			173425			173426			173426		
Sample Date	04/12/1995			04/12/1995			04/25/1995			04/25/1995			05/08/1995			05/08/1995			05/23/1995			05/23/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.2		ug/l	1.2		ug/l	0.5	J	ug/l	0.6		ug/l	1.1		ug/l	0.5	J	ug/l	0.9		ug/l	0.9		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	7		ug/l	6		ug/l	7		ug/l	1.5	U	ug/l	18		ug/l	3	J	ug/l	10		ug/l	4		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	110		ug/l	110		ug/l	80		ug/l	77		ug/l	85		ug/l	45		ug/l	67		ug/l	54		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF220			SF220			SF220			SF220			SF220			SF220			SF220			SF220		
Location Cross Ref.	SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173427			173427			173428			173428			173429			173429			173430			173430		
Sample Date	06/13/1995			06/13/1995			06/28/1995			06/28/1995			07/12/1995			07/12/1995			07/26/1995			07/26/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.6		ug/l	0.6		ug/l	0.25	U	ug/l	0.25	U	ug/l	0.5	J	ug/l	0.5	J	ug/l	1		ug/l	0.6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	6		ug/l	4		ug/l	6		ug/l	3	J	ug/l	8		ug/l	4		ug/l	6		ug/l	3	J	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	70		ug/l	51		ug/l	72		ug/l	68		ug/l	93		ug/l	97		ug/l	120		ug/l	120		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF220			SF220			SF220			SF220			SF220			SF220			SF220			SF220		
Location Cross Ref.	SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9			SF-110/SF-9		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173431			173431			173432			173432			168425			168425			46537			46537		
Sample Date	08/15/1995			08/15/1995			09/14/1995			09/14/1995			11/08/1997			11/08/1997			05/10/1998			05/10/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum													20	U	ug/l	26	U	ug/l	6.6	J	ug/l	30	J	ug/l
Antimony													1.9		ug/l	2.1	J	ug/l	0.21	J	ug/l	0.43	J	ug/l
Arsenic													0.5		ug/l	0.5	J	ug/l	0.42	J	ug/l	0.41	J	ug/l
Barium													66		ug/l	67		ug/l	33	J	ug/l	34	J	ug/l
Beryllium													1	U	ug/l	0.35	U	ug/l	0.11	U	ug/l	0.11	U	ug/l
Cadmium	0.6		ug/l	0.6		ug/l	0.7		ug/l	0.8		ug/l	0.59		ug/l	0.56		ug/l	0.19	J	ug/l	0.17	J	ug/l
Calcium													14000		ug/l	15000		ug/l	6600		ug/l	6700	U	ug/l
Chromium													5	U	ug/l	6	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Cobalt													5	U	ug/l	5	U	ug/l	0.023	U	ug/l	0.023	J	ug/l
Copper													1.1		ug/l	1.4	J	ug/l	0.61	J	ug/l	1	J	ug/l
Cyanide																								
Iron													31		ug/l	39	UJ	ug/l	40	J	ug/l	92	J	ug/l
Lead	16		ug/l	5		ug/l	8		ug/l	4		ug/l	3.1		ug/l	8.4		ug/l	0.62	J	ug/l	5.8	J	ug/l
Lithium																								
Magnesium													4700		ug/l	4500		ug/l	1900	J	ug/l	1900	J	ug/l
Manganese													76		ug/l	82		ug/l	14	J	ug/l	24	U	ug/l
Mercury													0.2	U	ug/l	0.1	U	ug/l	0.16	U	ug/l	0.16	U	ug/l
Molybdenum																								
Nickel													0.45		ug/l	5	U	ug/l	0.22	U	ug/l	0.22	U	ug/l
Potassium													700	U	ug/l	1100		ug/l	1600	U	ug/l	1600	U	ug/l
Selenium													1	U	ug/l	0.21	U	ug/l	1.3	U	ug/l	1.3	U	ug/l
Silicon																								
Silver													0.03	U	ug/l	0.22	UJ	ug/l	0.042	U	ug/l	0.042	U	ug/l
Sodium													3600		ug/l	3800		ug/l	1400	J	ug/l	1500	J	ug/l
Strontium																								
Sulfur																								
Thallium													0.5	U	ug/l	0.21	U	ug/l	0.058	U	ug/l	0.058	U	ug/l
Titanium																								
Uranium																								
Vanadium													3	U	ug/l	2	U	ug/l	0.11	U	ug/l	0.11	U	ug/l
Zinc	140		ug/l	130		ug/l	160		ug/l	160		ug/l	140		ug/l	150		ug/l	42		ug/l	39		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF221		SF221		SF221		SF221		SF221		SF222		SF222		SF222	
Location Cross Ref.	SF221		SF221		SF221		SF221		SF221		SF222		SF222		SF222	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(2) URS/MEL		(2) URS/LAUCKS		(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/SWRI	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	168426		168426		168518		46509		46509		168427		168427		46508	
Sample Date	11/08/1997		11/08/1997		11/08/1997		05/06/1998		05/06/1998		11/08/1997		11/08/1997		05/06/1998	
Sample Type	Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	22	ug/l	26 U	ug/l	26 U	ug/l	50 U	ug/l	50 U	ug/l	20 U	ug/l	26 U	ug/l	50 U	ug/l
Antimony			0.11 U	ug/l	0.05 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.05 U	ug/l	0.5 U	ug/l
Arsenic			0.16 U	ug/l	0.2 J	ug/l	1 U	ug/l	1 U	ug/l	0.12	ug/l	0.16 U	ug/l	1 U	ug/l
Barium	130	ug/l	130	ug/l	130	ug/l	45	ug/l	46	ug/l	84	ug/l	81	ug/l	45	ug/l
Beryllium			0.35 U	ug/l	0.35 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.35 U	ug/l	1 U	ug/l
Cadmium	0.046	ug/l	0.069 U	ug/l	0.069 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.04 U	ug/l	0.069 U	ug/l	0.1 U	ug/l
Calcium	9000	ug/l	8800	ug/l	8900	ug/l	6600	ug/l	6500	ug/l	11000	ug/l	11000	ug/l	8600	ug/l
Chromium			6 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	6 U	ug/l	5 U	ug/l
Cobalt			5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper			0.06 U	ug/l	0.16 J	ug/l	3 U	ug/l	3 U	ug/l	0.5 U	ug/l	0.06 U	ug/l	3 U	ug/l
Cyanide																
Iron			21 UJ	ug/l	5 UJ	ug/l	20 U	ug/l	31 U	ug/l	10 U	ug/l	5 UJ	ug/l	20 U	ug/l
Lead			0.026 U	ug/l	0.12 J	ug/l	0.5 U	ug/l	0.5 U	ug/l	0.1 U	ug/l	0.15 J	ug/l	0.5 U	ug/l
Lithium																
Magnesium	1800	ug/l	1700	ug/l	1700	ug/l	1400	ug/l	1400	ug/l	4800	ug/l	4400	ug/l	3600	ug/l
Manganese			1 U	ug/l	1 U	ug/l	5 U	ug/l	5 U	ug/l	1 U	ug/l	1 U	ug/l	5 U	ug/l
Mercury			0.1 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel			5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	0.3 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium			250 J	ug/l	200 J	ug/l	200 U	ug/l	200 U	ug/l	700 U	ug/l	290 J	ug/l	200 U	ug/l
Selenium			0.21 U	ug/l	0.21 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.21 U	ug/l	1 U	ug/l
Silicon																
Silver			0.22 UJ	ug/l	0.22 UJ	ug/l	0.3 U	ug/l	0.3 U	ug/l	0.03 U	ug/l	0.22 UJ	ug/l	0.3 U	ug/l
Sodium	650	ug/l	680	ug/l	710	ug/l	480	ug/l	460	ug/l	780	ug/l	800	ug/l	550	ug/l
Strontium																
Sulfur																
Thallium			0.017 U	ug/l	0.017 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.5 U	ug/l	0.017 U	ug/l	0.1 U	ug/l
Titanium																
Uranium																
Vanadium			2 U	ug/l	2 U	ug/l	5 U	ug/l	5 U	ug/l	3 U	ug/l	2 U	ug/l	5 U	ug/l
Zinc			9.9 U	ug/l	8.1 U	ug/l	5 U	ug/l	5 U	ug/l	3.2	ug/l	7.4 U	ug/l	5 U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF222		SF223		SF223		SF223		SF223		SF223		SF223		SF223	
Location Cross Ref.	SF222		SF223		SF223		SF223		SF223		SF223		SF223		SF223	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(3) URS/SWRI		(2) URS/MEL		(2) URS/LAUCKS		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(3) URS/SWRI		(3) URS/SWRI		(7) IDEQ/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	46508		168428		168428		202214		202214		46507		46507		202245	
Sample Date	05/06/1998		11/08/1997		11/08/1997		04/24/1998		04/24/1998		05/06/1998		05/06/1998		05/28/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010		D6010		DIN-CLP-LOW		IN-CLP-LOW		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	50 U	ug/l	20 U	ug/l	26 U	ug/l					50 U	ug/l	50 U	ug/l		
Antimony	0.5 U	ug/l	0.5 U	ug/l	3.1 J	ug/l					0.5 U	ug/l	0.5 U	ug/l		
Arsenic	1 U	ug/l	0.49	ug/l	0.41 J	ug/l					1 U	ug/l	1 U	ug/l		
Barium	46	ug/l	89	ug/l	86	ug/l					58	ug/l	58	ug/l		
Beryllium	1 U	ug/l	1 U	ug/l	0.35 U	ug/l					1 U	ug/l	1 U	ug/l		
Cadmium	0.1 U	ug/l	8.4	ug/l	7.3	ug/l	7	ug/l	5	ug/l	8.2	ug/l	8.8	ug/l	3.9	ug/l
Calcium	8400	ug/l	15000	ug/l	14000	ug/l					8400	ug/l	8200	ug/l		
Chromium	5 U	ug/l	5 U	ug/l	6 U	ug/l					5 U	ug/l	5 U	ug/l		
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l					5 U	ug/l	5 U	ug/l		
Copper	3 U	ug/l	0.5 U	ug/l	0.24 J	ug/l					3 U	ug/l	3 U	ug/l		
Cyanide																
Iron	20 U	ug/l	10 U	ug/l	5 UJ	ug/l					20 U	ug/l	20 U	ug/l		
Lead	0.5 U	ug/l	9.2	ug/l	9.5	ug/l	460	ug/l	14	ug/l	6.4	ug/l	12	ug/l	38	ug/l
Lithium																
Magnesium	3500	ug/l	2900	ug/l	2600	ug/l					1500	ug/l	1500	ug/l		
Manganese	5 U	ug/l	2.2	ug/l	3.1 U	ug/l					5 U	ug/l	7.5	ug/l		
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l					0.2 U	ug/l	0.2 U	ug/l		
Molybdenum																
Nickel	5 U	ug/l	1.1	ug/l	5 U	ug/l					5 U	ug/l	5 U	ug/l		
Potassium	200 U	ug/l	700 U	ug/l	580 J	ug/l					460	ug/l	480	ug/l		
Selenium	1 U	ug/l	1 U	ug/l	0.21 U	ug/l					1 U	ug/l	1 U	ug/l		
Silicon																
Silver	0.3 U	ug/l	0.03 U	ug/l	0.22 UJ	ug/l					0.3 U	ug/l	0.3 U	ug/l		
Sodium	500	ug/l	1000	ug/l	1100	ug/l					660	ug/l	580	ug/l		
Strontium																
Sulfur																
Thallium	0.1 U	ug/l	0.5 U	ug/l	0.017 U	ug/l					0.1 U	ug/l	0.1 U	ug/l		
Titanium																
Uranium																
Vanadium	5 U	ug/l	3 U	ug/l	2 U	ug/l					5 U	ug/l	5 U	ug/l		
Zinc	5 U	ug/l	1300	ug/l	1400	ug/l	810	ug/l	630	ug/l	1400	ug/l	1400	ug/l	590	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF223		SF223		SF223		SF223		SF223		SF223		SF223		SF223	
Location Cross Ref.	SF223		SF223		SF223		SF223		SF223		SF223		SF223		SF223	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	202245		202260		202260		202282		202282		202302		202302		202361	
Sample Date	05/28/1998		06/25/1998		06/25/1998		07/27/1998		07/27/1998		08/25/1998		08/25/1998		09/23/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	3.9	ug/l	4.9	ug/l	5	ug/l	6.4	ug/l	6.5	ug/l	7.6	ug/l	7.5	ug/l	8	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	16	ug/l	22	ug/l	18	ug/l	25	ug/l	18	ug/l	23	ug/l	17	ug/l	27	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	610	ug/l	730	ug/l	790	ug/l	620	ug/l	610	ug/l	960	ug/l	940	ug/l	1100	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF223			SF223			SF223			SF223			SF223			SF223			SF223			SF223		
Location Cross Ref.	SF223			SF223			SF223			SF223			SF223			SF223			SF223			SF223		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202361			202411			202411			202430			202430			202450			202450			202464		
Sample Date	09/23/1998			10/27/1998			10/27/1998			11/24/1998			11/24/1998			12/31/1998			12/31/1998			01/14/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	8.1		ug/l	11		ug/l	10		ug/l	16		ug/l	16		ug/l	12		ug/l	12		ug/l	10		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	19		ug/l	24		ug/l	15		ug/l	32		ug/l	16		ug/l	32		ug/l	13		ug/l	34		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1100		ug/l	1500		ug/l	1500		ug/l	2300		ug/l	2400		ug/l	1600		ug/l	1700		ug/l	1500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF223			SF223			SF223			SF223			SF223			SF224			SF224			SF224		
Location Cross Ref.	SF223			SF223			SF223			SF223			SF223			SF224			SF224			SF224		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202464			202485			202485			202506			202506			168429			168429			46506		
Sample Date	01/14/1999			02/22/1999			02/22/1999			03/09/1999			03/09/1999			11/08/1997			11/08/1997			05/06/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																20	U	ug/l	26	U	ug/l	50	U	ug/l
Antimony																0.95		ug/l	0.92	U	ug/l	0.5	U	ug/l
Arsenic																0.52		ug/l	0.32	J	ug/l	1	U	ug/l
Barium																16		ug/l	16	U	ug/l	9.6		ug/l
Beryllium																1	U	ug/l	0.35	U	ug/l	1	U	ug/l
Cadmium	10		ug/l	10		ug/l	9.4		ug/l	14		ug/l	17		ug/l	0.049		ug/l	0.069	U	ug/l	0.1	U	ug/l
Calcium																15000		ug/l	15000		ug/l	8400		ug/l
Chromium																5	U	ug/l	6	U	ug/l	5	U	ug/l
Cobalt																5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper																0.91		ug/l	0.73	J	ug/l	3	U	ug/l
Cyanide																								
Iron																10	U	ug/l	5	UJ	ug/l	32	U	ug/l
Lead	9		ug/l	19		ug/l	9		ug/l	23		ug/l	13		ug/l	10		ug/l	11		ug/l	4.7		ug/l
Lithium																								
Magnesium																3600		ug/l	3400		ug/l	1800		ug/l
Manganese																1	U	ug/l	1.2	U	ug/l	5	U	ug/l
Mercury																0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																0.4		ug/l	5	U	ug/l	5	U	ug/l
Potassium																700	U	ug/l	610	J	ug/l	350		ug/l
Selenium																1	U	ug/l	0.21	U	ug/l	1	U	ug/l
Silicon																								
Silver																0.03	U	ug/l	0.22	UJ	ug/l	0.3	U	ug/l
Sodium																1000		ug/l	1100		ug/l	740		ug/l
Strontium																								
Sulfur																								
Thallium																0.5	U	ug/l	0.017	U	ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium																3	U	ug/l	2	U	ug/l	5	U	ug/l
Zinc	1500		ug/l	1400		ug/l	1300		ug/l	1400		ug/l	1400		ug/l	5.6		ug/l	10	U	ug/l	5	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF224			SF225			SF225			SF225			SF225			SF226			SF226			SF226		
Location Cross Ref.	SF224			SF225			SF225			SF225			SF225			SF226			SF226			SF226		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46506			168430			168430			46505			46505			168431			168431			46504		
Sample Date	05/06/1998			11/07/1997			11/07/1997			05/05/1998			05/05/1998			11/07/1997			11/07/1997			05/05/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	20	U	ug/l	26	U	ug/l	50	U	ug/l	50	U	ug/l	20	U	ug/l	26	U	ug/l	50	U	ug/l
Antimony	0.5	U	ug/l	0.5	U	ug/l	0.42	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.18	U	ug/l	0.2	U	ug/l
Arsenic	1	U	ug/l	0.25		ug/l	0.16	U	ug/l	2	U	ug/l	2	U	ug/l	0.16		ug/l	0.16	U	ug/l	2	U	ug/l
Barium	10		ug/l	29		ug/l	30	U	ug/l	9		ug/l	12		ug/l	35		ug/l	36		ug/l	36		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l
Cadmium	0.1	U	ug/l	0.04	U	ug/l	0.069	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.04	U	ug/l	0.069	U	ug/l	0.2	U	ug/l
Calcium	8300		ug/l	15000		ug/l	15000		ug/l	9500		ug/l	9300		ug/l	12000		ug/l	12000		ug/l	8800		ug/l
Chromium	5	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	10	U	ug/l
Copper	3	U	ug/l	0.5	U	ug/l	0.47	J	ug/l	2	U	ug/l	2	U	ug/l	0.5	U	ug/l	0.19	J	ug/l	2	U	ug/l
Cyanide																								
Iron	38	U	ug/l	10	U	ug/l	76	UJ	ug/l	20	U	ug/l	51		ug/l	10	U	ug/l	10	U	ug/l	20	U	ug/l
Lead	25		ug/l	0.1	U	ug/l	0.1	J	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.22		ug/l	1.7		ug/l	0.2	U	ug/l
Lithium																								
Magnesium	1800		ug/l	5700		ug/l	5700		ug/l	3600		ug/l	3600		ug/l	2300		ug/l	2200		ug/l	1600		ug/l
Manganese	6		ug/l	1	U	ug/l	1	U	ug/l	5	U	ug/l	5	U	ug/l	1	U	ug/l	4.6	J	ug/l	5	U	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	UJ	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	0.3	U	ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l	0.3	U	ug/l	5	U	ug/l	20	U	ug/l
Potassium	330		ug/l	700	U	ug/l	310	J	ug/l	2000	U	ug/l	2000	U	ug/l	700	U	ug/l	630	J	ug/l	2000	U	ug/l
Selenium	1	U	ug/l	1	U	ug/l	0.21	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	0.44	U	ug/l	2	U	ug/l
Silicon																								
Silver	0.3	U	ug/l	0.03	U	ug/l	0.22	UJ	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.2	U	ug/l
Sodium	700		ug/l	810		ug/l	870		ug/l	580		ug/l	600		ug/l	1000		ug/l	1100		ug/l	1000		ug/l
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l	3	U	ug/l	2	U	ug/l	10	U	ug/l
Zinc	5	U	ug/l	5		ug/l	9.6	U	ug/l	10	U	ug/l	10	U	ug/l	12		ug/l	15	J	ug/l	10	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF226			SF227			SF227			SF227			SF227			SF227		
Location Cross Ref.	SF226			SF-120			SF-120			SF-120			SF-120			SF-120		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	46504			172049			172049			172049			172049			172076		
Sample Date	05/05/1998			05/15/1991			05/15/1991			05/15/1991			05/15/1991			10/04/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			6010			7131			7421			D6010			D7421			6010			7131		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	61		ug/l																					
Antimony	0.2	U	ug/l																					
Arsenic	2	U	ug/l																					
Barium	38		ug/l																					
Beryllium	0.2	U	ug/l																					
Cadmium	0.2	U	ug/l				0.0004		mg/l				0.0003		mg/l							0.0009		mg/l
Calcium	8700		ug/l																					
Chromium	5	U	ug/l																					
Cobalt	10	U	ug/l																					
Copper	2	U	ug/l																					
Cyanide																								
Iron	65		ug/l																					
Lead	1.8		ug/l							0.007		mg/l				0.003	U	mg/l						
Lithium																								
Magnesium	1600		ug/l																					
Manganese	5	U	ug/l																					
Mercury	0.2	U	ug/l																					
Molybdenum																								
Nickel	20	U	ug/l																					
Potassium	2000	U	ug/l																					
Selenium	2	U	ug/l																					
Silicon																								
Silver	0.2	U	ug/l																					
Sodium	1000		ug/l																					
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l																					
Titanium																								
Uranium																								
Vanadium	10	U	ug/l																					
Zinc	10	U	ug/l	0.086		mg/l							0.041		mg/l				0.25		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF227	SF227	SF227	SF227	SF227	SF227	SF227	SF227
Location Cross Ref.	SF-120	SF-120	SF-120	SF-120	SF-120	SF-120	SF-120	SF-120
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(2) URS/MEL	(2) URS/LAUCKS	(3) URS/SOUND	(3) URS/SOUND	(18) USGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172076	172076	172076	168432	168432	46536	46536	186853
Sample Date	10/04/1991	10/04/1991	10/04/1991	11/07/1997	11/07/1997	05/10/1998	05/10/1998	05/24/1999
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	7421	D6010	D7421	DIN-CLP-LOW	IN-CLP-LOW	DIN-CLP-LOW	IN-CLP-LOW	6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum				20 U ug/l	26 U ug/l	7.7 J ug/l	29 J ug/l	
Antimony				1.6 ug/l	1.8 U ug/l	0.17 J ug/l	0.24 J ug/l	
Arsenic				0.45 ug/l	0.28 ug/l	0.37 J ug/l	0.57 J ug/l	
Barium				70 ug/l	69 ug/l	33 J ug/l	36 J ug/l	
Beryllium				1 U ug/l	0.35 U ug/l	0.11 U ug/l	0.11 U ug/l	
Cadmium		0.0008 mg/l		0.79 ug/l	0.79 ug/l	0.34 J ug/l	0.36 J ug/l	1 ug/l
Calcium				15000 ug/l	15000 ug/l	7200 ug/l	7100 ug/l	
Chromium				5 U ug/l	6 U ug/l	0.4 U ug/l	0.4 U ug/l	
Cobalt				5 U ug/l	5 U ug/l	0.023 U ug/l	0.04 J ug/l	
Copper				0.93 ug/l	1.2 ug/l	0.59 J ug/l	1.1 J ug/l	
Cyanide								
Iron				22 ug/l	51 J ug/l	38 J ug/l	94 J ug/l	
Lead	0.012 mg/l		0.001 mg/l	4 ug/l	11 ug/l	0.65 J ug/l	6 ug/l	85 ug/l
Lithium								
Magnesium				4600 ug/l	4400 ug/l	2100 J ug/l	2100 J ug/l	
Manganese				45 ug/l	51 ug/l	9.7 J ug/l	22 ug/l	
Mercury				0.2 U ug/l	0.1 U ug/l	0.16 U ug/l	0.16 U ug/l	
Molybdenum								
Nickel				0.44 ug/l	5 U ug/l	0.22 U ug/l	0.22 U ug/l	
Potassium				1100 ug/l	920 ug/l	1600 U ug/l	1600 U ug/l	
Selenium				1 U ug/l	0.21 U ug/l	1.3 U ug/l	1.3 U ug/l	
Silicon								
Silver				0.03 U ug/l	0.22 U ug/l	0.042 U ug/l	0.042 U ug/l	
Sodium				3400 ug/l	3300 ug/l	1300 J ug/l	1300 J ug/l	
Strontium								
Sulfur								
Thallium				0.5 U ug/l	0.18 U ug/l	0.058 U ug/l	0.058 U ug/l	
Titanium								
Uranium								
Vanadium				3 U ug/l	2 U ug/l	0.11 U ug/l	0.11 U ug/l	
Zinc		0.077 mg/l		160 ug/l	170 ug/l	64 ug/l	67 ug/l	130 ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF227			SF227			SF227			SF228			SF228			SF228			SF228			SF228		
Location Cross Ref.	SF-120			SF-120			SF-120			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186853			186853			186853			172050			172050			172050			172050			172050		
Sample Date	05/24/1999			05/24/1999			05/24/1999			05/16/1991			05/16/1991			05/16/1991			05/16/1991			05/16/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	U	ug/l										0.0004		mg/l				0.0003		mg/l			
Calcium	6300		ug/l																					
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron				1000		ug/l	5.9		ug/l															
Lead	1	U	ug/l													0.01		mg/l				0.003	UJ	mg/l
Lithium																								
Magnesium	1800		ug/l																					
Manganese				340		ug/l	7.3		ug/l															
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium	1100		ug/l																					
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	45		ug/l							0.095		mg/l							0.054		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228			SF228			SF228			SF228			SF228			SF228			SF228			SF228		
Location Cross Ref.	SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172077			172077			172077			172077			172077			173433			173433			173434		
Sample Date	10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/26/1993			10/26/1993			11/30/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0007		mg/l				0.0006		mg/l				1.1		ug/l	1.1		ug/l	1.2		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.011		mg/l				0.001		mg/l	5	J	ug/l	3	J	ug/l	11		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.29		mg/l							0.01		mg/l				230		ug/l	230		ug/l	250		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228		SF228		SF228		SF228		SF228		SF228		SF228		SF228	
Location Cross Ref.	SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173434		173435		173435		173436		173436		173437		173437		173438	
Sample Date	11/30/1993		12/20/1993		12/20/1993		01/19/1994		01/19/1994		02/15/1994		02/15/1994		03/07/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1	ug/l	2.5	ug/l	1.5	ug/l	1	ug/l	0.9	ug/l	0.9	ug/l	0.9	ug/l	0.9	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	1 U	ug/l	1 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	7	ug/l	1.5 U	ug/l	8	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	240	ug/l	250	ug/l	240	ug/l	190	ug/l	190	ug/l	220	ug/l	210	ug/l	190	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228		SF228		SF228		SF228		SF228		SF228		SF228		SF228	
Location Cross Ref.	SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173438		173439		173439		173440		173440		173441		173441		173442	
Sample Date	03/07/1994		03/23/1994		03/23/1994		04/06/1994		04/06/1994		04/18/1994		04/18/1994		05/03/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.8	ug/l	1	ug/l	1	ug/l	0.8	ug/l	0.8	ug/l	1.2	ug/l	0.5 J	ug/l	0.6	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	6	ug/l	3 J	ug/l	12	ug/l	1.5 U	ug/l	52	ug/l	1.5 U	ug/l	7	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	180	ug/l	220	ug/l	220	ug/l	160	ug/l	150	ug/l	160	ug/l	86	ug/l	93	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228		SF228		SF228		SF228		SF228		SF228		SF228		SF228	
Location Cross Ref.	SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173442		173443		173443		173444		173444		173445		173445		173446	
Sample Date	05/03/1994		05/20/1994		05/20/1994		06/08/1994		06/08/1994		06/24/1994		06/24/1994		07/23/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.6	ug/l	0.9	ug/l	0.8	ug/l	0.7	ug/l	0.8	ug/l	0.8	ug/l	0.8	ug/l	1	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	15	ug/l	2.5 J	ug/l	6	ug/l	1.5 U	ug/l	7	ug/l	1.5 U	ug/l	2.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	89	ug/l	110	ug/l	95	ug/l	130	ug/l	130	ug/l	120	ug/l	120	ug/l	160	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228		SF228		SF228		SF228		SF228		SF228		SF228		SF228	
Location Cross Ref.	SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173446		173447		173447		173448		173448		173449		173449		173450	
Sample Date	07/23/1994		08/16/1994		08/16/1994		09/09/1994		09/09/1994		11/15/1994		11/15/1994		12/14/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.9	ug/l	1.6	ug/l	1.3	ug/l	0.9	ug/l	0.9	ug/l	1.2	ug/l	1.1	ug/l	1.7	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	7	ug/l	2.5 J	ug/l	6	ug/l	1.5 U	ug/l	2.5 U	ug/l	3 J	ug/l	8	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	150	ug/l	230	ug/l	220	ug/l	200	ug/l	180	ug/l	280	ug/l	280	ug/l	330	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228		SF228		SF228		SF228		SF228		SF228		SF228		SF228	
Location Cross Ref.	SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173450		173451		173451		173452		173452		173453		173453		173454	
Sample Date	12/14/1994		01/11/1995		01/11/1995		02/10/1995		02/10/1995		03/22/1995		03/22/1995		04/12/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1.7	ug/l	1.1	ug/l	1	ug/l	0.9	ug/l	0.9	ug/l	1	ug/l	1	ug/l	1.4	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	4	ug/l	15	ug/l	1.5 U	ug/l	6	ug/l	1.5 U	ug/l	2.5 U	ug/l	1.5 U	ug/l	7	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	340	ug/l	230	ug/l	210	ug/l	220	ug/l	210	ug/l	190	ug/l	180	ug/l	160	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228		SF228		SF228		SF228		SF228		SF228		SF228		SF228	
Location Cross Ref.	SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173454		173455		173455		173456		173456		173457		173457		173458	
Sample Date	04/12/1995		04/25/1995		04/25/1995		05/08/1995		05/08/1995		05/23/1995		05/23/1995		06/13/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1.7	ug/l	0.8	ug/l	0.8	ug/l	1.9	ug/l	1.4	ug/l	1.2	ug/l	1.4	ug/l	0.9	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	5	ug/l	9	ug/l	1.5 U	ug/l	16	ug/l	3 J	ug/l	10	ug/l	3 J	ug/l	6	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	170	ug/l	140	ug/l	140	ug/l	110	ug/l	76	ug/l	110	ug/l	89	ug/l	110	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228		SF228		SF228		SF228		SF228		SF228		SF228		SF228	
Location Cross Ref.	SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173458		173459		173459		173460		173460		173461		173461		173462	
Sample Date	06/13/1995		06/28/1995		06/28/1995		07/12/1995		07/12/1995		07/26/1995		07/26/1995		08/15/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.9	ug/l	0.7	ug/l	0.8	ug/l	0.9	ug/l	0.9	ug/l	1	ug/l	1	ug/l	1	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	5	ug/l	2.5 U	ug/l	1.5 U	ug/l	7	ug/l	3 J	ug/l	2.5 U	ug/l	1.5 U	ug/l	5 J	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	100	ug/l	120	ug/l	120	ug/l	130	ug/l	130	ug/l	180	ug/l	180	ug/l	220	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228		SF228		SF228		SF228		SF228		SF228		SF228		SF228	
Location Cross Ref.	SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173462		173463		173463		173464		173464		173465		173465		173466	
Sample Date	08/15/1995		09/14/1995		09/14/1995		10/18/1995		10/18/1995		11/22/1995		11/22/1995		12/27/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1.1	ug/l	1.1	ug/l	1.1	ug/l	0.9	ug/l	0.8	ug/l	0.9	ug/l	1.1	ug/l	1.3	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	5 J	ug/l	1.5 U	ug/l	14	ug/l	2.5 J	ug/l	7	ug/l	1.5 U	ug/l	7	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	200	ug/l	210	ug/l	210	ug/l	180	ug/l	260	ug/l	140	ug/l	1.5 U	ug/l	240	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228		SF228		SF228		SF228		SF228		SF228		SF228		SF228	
Location Cross Ref.	SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173466		173467		173467		173468		173468		173469		173469		173470	
Sample Date	12/27/1995		01/17/1996		01/17/1996		02/29/1996		02/29/1996		03/27/1996		03/27/1996		04/17/1996	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1.6	ug/l	1.1	ug/l	1.1	ug/l	0.9	ug/l	0.9	ug/l	0.8	ug/l	0.9	ug/l	0.6	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	4	ug/l	8	ug/l	3 J	ug/l	8	ug/l	4	ug/l	5 J	ug/l	3 J	ug/l	12	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	250	ug/l	220	ug/l	230	ug/l	220	ug/l	190	ug/l	190	ug/l	190	ug/l	170	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228		SF228		SF228		SF228		SF228		SF228		SF228		SF228	
Location Cross Ref.	SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173470		173471		173471		173472		173472		173473		173473		173474	
Sample Date	04/17/1996		05/08/1996		05/08/1996		06/19/1996		06/19/1996		07/23/1996		07/23/1996		08/21/1996	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.7	ug/l	0.8	ug/l	0.8	ug/l	1	ug/l	0.9	ug/l	1.1	ug/l	1.2	ug/l	1	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	3 J	ug/l	11	ug/l	4	ug/l	13	ug/l	4	ug/l	11	ug/l	5	ug/l	14	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	150	ug/l	160	ug/l	150	ug/l	140	ug/l	150	ug/l	150	ug/l	140	ug/l	210	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228			SF228			SF228			SF228			SF228			SF228			SF228			SF228		
Location Cross Ref.	SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173474			173475			173475			186008			186008			186031			186031			186047		
Sample Date	08/21/1996			09/26/1996			09/26/1996			10/29/1996			10/29/1996			11/26/1996			11/26/1996			12/17/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1		ug/l	1.2		ug/l	1.2		ug/l	0.0011		mg/l	0.0011		mg/l	0.0012		mg/l	0.0012		mg/l	0.0013		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	6		ug/l	8		ug/l	5		ug/l	0.008		mg/l	0.004		mg/l	0.008		mg/l	0.007		mg/l	0.006		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	250		ug/l	240		ug/l	240		ug/l	0.22		mg/l	0.22		mg/l	0.28		mg/l	0.28		mg/l	0.33		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228			SF228			SF228			SF228			SF228			SF228			SF228			SF228		
Location Cross Ref.	SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186047			186063			186063			186103			186103			186123			186123			186143		
Sample Date	12/17/1996			01/29/1997			01/29/1997			03/27/1997			03/27/1997			04/17/1997			04/17/1997			05/15/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0015		mg/l	0.0011		mg/l	0.0011		mg/l	0.0015		mg/l	0.0014		mg/l	0.0018		mg/l	0.0018		mg/l	3.3		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.005		mg/l	0.01		mg/l	0.003		mg/l							0.012		mg/l	0.0015		mg/l	590		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.48		mg/l	0.23		mg/l	0.33		mg/l	0.26		mg/l	0.25		mg/l	0.21		mg/l	0.21		mg/l	490		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228		SF228		SF228		SF228		SF228		SF228		SF228		SF228	
Location Cross Ref.	SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	186163		186163		186183		186183		186203		186203		186223		186223	
Sample Date	06/25/1997		06/25/1997		07/24/1997		07/24/1997		08/13/1997		08/13/1997		09/04/1997		09/04/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.00025	mg/l	0.0005	mg/l	0.0007	mg/l	0.0008	mg/l	0.0009	mg/l	0.0009	mg/l	0.0014	mg/l	0.0013	mg/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	0.009	mg/l	0.0025	mg/l	0.008	mg/l	0.0015	mg/l	0.01	mg/l	0.004	mg/l	0.011	mg/l	0.007	mg/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	0.1	mg/l	0.11	mg/l	0.14	mg/l	0.14	mg/l	0.17	mg/l	0.16	mg/l	0.22	mg/l	0.22	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228		SF228		SF228		SF228		SF228		SF228		SF228		SF228	
Location Cross Ref.	SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(2) URS/MEL		(2) URS/LAUCKS		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	186244		186244		168433		168433		186263		186263		186282		186282	
Sample Date	10/17/1997		10/17/1997		11/07/1997		11/07/1997		11/25/1997		11/25/1997		12/18/1997		12/18/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		DIN-CLP-LOW		IN-CLP-LOW		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum					20 U	ug/l	26 U	ug/l								
Antimony					1.7	ug/l	1.9 U	ug/l								
Arsenic					0.44	ug/l	0.37	ug/l								
Barium					70	ug/l	73	ug/l								
Beryllium					1 U	ug/l	0.35 U	ug/l								
Cadmium	0.0015	mg/l	0.0013	mg/l	0.87	ug/l	0.88	ug/l	0.001	mg/l	0.001	mg/l	0.0012	mg/l	0.0013	mg/l
Calcium					16000	ug/l	16000	ug/l								
Chromium					5 U	ug/l	6 U	ug/l								
Cobalt					5 U	ug/l	5 U	ug/l								
Copper					0.95	ug/l	1.2	ug/l								
Cyanide																
Iron					19	ug/l	190	ug/l								
Lead	0.011	mg/l	0.006	mg/l	2.4	ug/l	7.3	ug/l	0.008	mg/l	0.003	mg/l	0.013	mg/l	0.008	mg/l
Lithium																
Magnesium					4700	ug/l	4700	ug/l								
Manganese					45	ug/l	61	ug/l								
Mercury					0.2 U	ug/l	0.1 U	ug/l								
Molybdenum																
Nickel					0.48	ug/l	5 U	ug/l								
Potassium					1300	ug/l	940	ug/l								
Selenium					1 U	ug/l	0.57 U	ug/l								
Silicon																
Silver					0.03 U	ug/l	0.22 U	ug/l								
Sodium					3500	ug/l	3600	ug/l								
Strontium																
Sulfur																
Thallium					0.5 U	ug/l	0.39 U	ug/l								
Titanium																
Uranium																
Vanadium					3 U	ug/l	2 U	ug/l								
Zinc	0.26	mg/l	0.24	mg/l	190	ug/l	230	ug/l	0.21	mg/l	0.2	mg/l	0.23	mg/l	0.21	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228			SF228			SF228			SF228			SF228			SF228			SF228			SF228		
Location Cross Ref.	SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186301			186301			186320			186320			186339			186339			186358			186358		
Sample Date	01/22/1998			01/22/1998			02/26/1998			02/26/1998			03/19/1998			03/19/1998			04/24/1998			04/24/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0012		mg/l	0.0013		mg/l	0.0012		mg/l	0.0013		mg/l	0.001		mg/l	0.001		mg/l	0.0014		mg/l	0.0012		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.009		mg/l	0.004		mg/l	0.011		mg/l	0.004		mg/l	0.014		mg/l	0.003		mg/l	0.052		mg/l	0.003		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.24		mg/l	0.24		mg/l	0.25		mg/l	0.26		mg/l	0.22		mg/l	0.2		mg/l	0.15		mg/l	0.11		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228		SF228		SF228		SF228		SF228		SF228		SF228		SF228	
Location Cross Ref.	SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8		SF-125/SF-8	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/OTHER		(7) IDEQ/OTHER		(3) URS/SOUND		(3) URS/SOUND		(3) URS/SOUND		(3) URS/SOUND		(7) IDEQ/OTHER		(7) IDEQ/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	202216		202216		46534		46534		46535		46535		202246		202246	
Sample Date	04/24/1998		04/24/1998		05/10/1998		05/10/1998		05/10/1998		05/10/1998		05/28/1998		05/28/1998	
Sample Type	Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum					5.9 J	ug/l	27 J	ug/l	5.7 J	ug/l	29 J	ug/l				
Antimony					0.18 J	ug/l	0.29 J	ug/l	0.18 J	ug/l	0.3 J	ug/l				
Arsenic					0.36 J	ug/l	0.32 J	ug/l	0.38 J	ug/l	0.34 J	ug/l				
Barium					33 J	ug/l	35 J	ug/l	34 J	ug/l	34 J	ug/l				
Beryllium					0.11 U	ug/l	0.11 U	ug/l	0.11 U	ug/l	0.11 U	ug/l				
Cadmium	1.2	ug/l	1.2	ug/l	0.33 J	ug/l	0.3 J	ug/l	0.35 J	ug/l	0.32 J	ug/l	0.6	ug/l	0.6	ug/l
Calcium					7100	ug/l	7000	ug/l	7300	ug/l	7000	ug/l				
Chromium					0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l				
Cobalt					0.023 U	ug/l	0.03 J	ug/l	0.023 U	ug/l	0.024 J	ug/l				
Copper					0.68 J	ug/l	0.98 J	ug/l	0.59 J	ug/l	0.95 J	ug/l				
Cyanide																
Iron					40 J	ug/l	82 J	ug/l	39 J	ug/l	84 J	ug/l				
Lead	52	ug/l	3	ug/l	0.72 J	ug/l	4.9	ug/l	7.3 J	ug/l	5.1	ug/l	8	ug/l	3	ug/l
Lithium																
Magnesium					2100 J	ug/l	2100 J	ug/l	2100 J	ug/l	2100 J	ug/l				
Manganese					9.7 J	ug/l	19	ug/l	10 J	ug/l	19	ug/l				
Mercury					0.16 U	ug/l	0.16 U	ug/l	0.16 U	ug/l	0.16 U	ug/l				
Molybdenum																
Nickel					0.22 U	ug/l	0.26 J	ug/l	0.22 U	ug/l	0.22 U	ug/l				
Potassium					1600 U	ug/l	1600 U	ug/l	1600 U	ug/l	1600 U	ug/l				
Selenium					1.3 U	ug/l	1.3 U	ug/l	1.3 U	ug/l	1.3 U	ug/l				
Silicon																
Silver					0.042 U	ug/l	0.042 U	ug/l	0.042 U	ug/l	0.042 U	ug/l				
Sodium					1400 J	ug/l	1300 J	ug/l	1300 J	ug/l	1300 J	ug/l				
Strontium																
Sulfur																
Thallium					0.058 U	ug/l	0.058 U	ug/l	0.058 U	ug/l	0.058 U	ug/l				
Titanium																
Uranium																
Vanadium					0.11 U	ug/l	0.11 U	ug/l	0.11 U	ug/l	0.11 U	ug/l				
Zinc	130	ug/l	94	ug/l	72	ug/l	68	ug/l	74	ug/l	66	ug/l	98	ug/l	120	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228			SF228			SF228			SF228			SF228			SF228			SF228			SF228		
Location Cross Ref.	SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202261			202261			202283			202283			202303			202303			202359			202359		
Sample Date	06/25/1998			06/25/1998			07/27/1998			07/27/1998			08/25/1998			08/25/1998			09/23/1998			09/23/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.9		ug/l	1		ug/l	1		ug/l	0.9		ug/l	1		ug/l	1		ug/l	1.2		ug/l	1.1		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	5		ug/l	3	U	ug/l	10		ug/l	3		ug/l	7		ug/l	3		ug/l	12		ug/l	4		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	150		ug/l	160		ug/l	150		ug/l	130		ug/l	180		ug/l	160		ug/l	200		ug/l	180		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228			SF228			SF228			SF228			SF228			SF228			SF228			SF228		
Location Cross Ref.	SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8			SF-125/SF-8		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202410			202410			202429			202429			202449			202449			202484			202484		
Sample Date	10/27/1998			10/27/1998			11/24/1998			11/24/1998			12/31/1998			12/31/1998			02/22/1999			02/22/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.1		ug/l	1.2		ug/l	2.1		ug/l	2.4		ug/l	2.2		ug/l	2.6		ug/l	1.3		ug/l	2.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	8		ug/l	4		ug/l	15		ug/l	3		ug/l	27		ug/l	7		ug/l	9		ug/l	3	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	260		ug/l	290		ug/l	280		ug/l	280		ug/l	270		ug/l	280		ug/l	190		ug/l	190		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF228			SF228			SF229			SF229			SF229			SF229			SF230			SF230		
Location Cross Ref.	SF-125/SF-8			SF-125/SF-8			SF229			SF229			SF229			SF229			SF230			SF230		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202505			202505			168434			168434			46503			46503			168435			168435		
Sample Date	03/09/1999			03/09/1999			11/07/1997			11/07/1997			05/05/1998			05/05/1998			11/06/1997			11/06/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							20	U	ug/l	26	U	ug/l	50	U	ug/l	50	U	ug/l	20	U	ug/l	60		ug/l
Antimony							0.5	U	ug/l	0.3	U	ug/l	0.2		ug/l	0.3		ug/l	0.5	U	ug/l	0.23	U	ug/l
Arsenic							0.36		ug/l	0.16	U	ug/l	2	U	ug/l	2	U	ug/l	0.36		ug/l	0.23		ug/l
Barium							26		ug/l	26		ug/l	28		ug/l	31		ug/l	3.5		ug/l	3.2	J	ug/l
Beryllium							1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	0.35	U	ug/l
Cadmium	3.2		ug/l	3.1		ug/l	0.092		ug/l	0.069	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.04	U	ug/l	0.069	U	ug/l
Calcium							12000		ug/l	12000		ug/l	12000		ug/l	12000		ug/l	16000		ug/l	15000		ug/l
Chromium							5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6.6		ug/l
Cobalt							5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l
Copper							0.5	U	ug/l	0.37	U	ug/l	2	U	ug/l	2	U	ug/l	0.5	U	ug/l	0.14	U	ug/l
Cyanide																								
Iron							10	U	ug/l	5	U	ug/l	20	U	ug/l	49		ug/l	10	U	ug/l	5	U	ug/l
Lead	9		ug/l	4		ug/l	0.24		ug/l	0.58		ug/l	0.2	U	ug/l	1.2		ug/l	0.1	U	ug/l	0.13	U	ug/l
Lithium																								
Magnesium							4100		ug/l	4100		ug/l	4400		ug/l	4400		ug/l	4900		ug/l	4800		ug/l
Manganese							1	U	ug/l	1	U	ug/l	5	U	ug/l	5	U	ug/l	1	U	ug/l	1	U	ug/l
Mercury							0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel							0.3	U	ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l	0.35		ug/l	5	U	ug/l
Potassium							1200		ug/l	730	J	ug/l	2000	U	ug/l	2000	U	ug/l	700	U	ug/l	300	J	ug/l
Selenium							1	U	ug/l	0.61	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	0.52		ug/l
Silicon																								
Silver							0.03	U	ug/l	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.03	U	ug/l	0.22	U	ug/l
Sodium							1300		ug/l	1400		ug/l	2100		ug/l	2100		ug/l	930		ug/l	1100		ug/l
Strontium																								
Sulfur																								
Thallium							0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium							3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l	3	U	ug/l	2	U	ug/l
Zinc	240		ug/l	240		ug/l	24		ug/l	30		ug/l	22		ug/l	24		ug/l	3.8		ug/l	11	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF230			SF230			SF230			SF230			SF231			SF231			SF275			SF275		
Location Cross Ref.	SF230			SF230			SF230			SF230			SF338			SF338								
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46501			46501			46502			46502			168436			168436			46518			46518		
Sample Date	05/05/1998			05/05/1998			05/05/1998			05/05/1998			11/06/1997			11/06/1997			05/07/1998			05/07/1998		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	20	U	ug/l	26	U	ug/l	9.5	J	ug/l	0.9	J	ug/l
Antimony	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.32	U	ug/l	0.032	U	ug/l	0.032	U	ug/l
Arsenic	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	0.43		ug/l	0.23		ug/l	0.23	U	ug/l	0.23	U	ug/l
Barium	5	U	ug/l	5		ug/l	5	U	ug/l	5		ug/l	5.2		ug/l	5.3	J	ug/l	23	J	ug/l	23	J	ug/l
Beryllium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	0.35	U	ug/l	0.11	U	ug/l	0.11	U	ug/l
Cadmium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.04	U	ug/l	0.069	U	ug/l	0.16	J	ug/l	0.17	J	ug/l
Calcium	8500		ug/l	8600		ug/l	8800		ug/l	8500		ug/l	26000		ug/l	26000		ug/l	7800		ug/l	7900		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	7.4		ug/l	0.4	U	ug/l	0.4	U	ug/l
Cobalt	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	0.023	U	ug/l	0.023	U	ug/l
Copper	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	0.5	U	ug/l	0.06	U	ug/l	0.44	U	ug/l	0.44	U	ug/l
Cyanide																								
Iron	20	U	ug/l	29		ug/l	20	U	ug/l	51		ug/l	10	U	ug/l	5	U	ug/l	41	J	ug/l	27	J	ug/l
Lead	0.2	U	ug/l	0.2		ug/l	0.2	U	ug/l	0.3		ug/l	0.1	U	ug/l	0.026	U	ug/l	2.8	J	ug/l	0.23	J	ug/l
Lithium																								
Magnesium	2900		ug/l	2900		ug/l	3000		ug/l	2900		ug/l	9200		ug/l	9400		ug/l	1700	J	ug/l	1800	J	ug/l
Manganese	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	1	U	ug/l	1	U	ug/l	4	J	ug/l	0.4	J	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.16	U	ug/l	0.16	U	ug/l
Molybdenum																								
Nickel	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	0.55		ug/l	5	U	ug/l	0.22	U	ug/l	0.22	U	ug/l
Potassium	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	700	U	ug/l	370	J	ug/l	1600	U	ug/l	1600	U	ug/l
Selenium	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	0.24		ug/l	1.3	U	ug/l	1.3	U	ug/l
Silicon																								
Silver	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.042	U	ug/l	0.042	U	ug/l
Sodium	730		ug/l	840		ug/l	740		ug/l	830		ug/l	1000		ug/l	1100		ug/l	500	J	ug/l	570	J	ug/l
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.058	U	ug/l	0.058	U	ug/l
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	3	U	ug/l	2	U	ug/l						
Zinc	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	6		ug/l	11	U	ug/l	44		ug/l	49		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF316			SF316			SF317			SF317			SF317			SF317			SF318			SF318		
Location Cross Ref.	SF316			SF316			SF317			SF317			SF317			SF317			SF318			SF318		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46519			46519			46512			46512			46513			46513			46516			46516		
Sample Date	05/08/1998			05/08/1998			05/07/1998			05/07/1998			05/07/1998			05/07/1998			05/07/1998			05/07/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	180		ug/l	2.3	J	ug/l	17	J	ug/l	2.3	J	ug/l	16	J	ug/l	0.69	U	ug/l	4.3	J	ug/l
Antimony	0.3		ug/l	0.4		ug/l	0.032	U	ug/l	0.032	U	ug/l	0.032	U	ug/l	0.032	U	ug/l	0.032	U	ug/l	0.032	U	ug/l
Arsenic	2	U	ug/l	2	U	ug/l	0.23	U	ug/l	0.23	U	ug/l	0.23	U	ug/l	0.23	U	ug/l	0.23	U	ug/l	0.23	U	ug/l
Barium	46		ug/l	50		ug/l	42	J	ug/l	42	J	ug/l	41	J	ug/l	41	J	ug/l	11	J	ug/l	11	J	ug/l
Beryllium	0.2	U	ug/l	0.2	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l
Cadmium	0.2	U	ug/l	0.2	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	16		ug/l	15		ug/l
Calcium	21000		ug/l	21000		ug/l	14000		ug/l	15000		ug/l	15000		ug/l	15000		ug/l	4800	J	ug/l	4800	J	ug/l
Chromium	5	U	ug/l	5	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Cobalt	10	U	ug/l	10	U	ug/l	0.023	U	ug/l	0.023	U	ug/l	0.023	U	ug/l	0.023	U	ug/l	0.83	J	ug/l	0.76	J	ug/l
Copper	2	U	ug/l	2	U	ug/l	0.44	U	ug/l	0.44	U	ug/l	0.44	U	ug/l	0.44	U	ug/l	0.44	U	ug/l	0.44	U	ug/l
Cyanide																								
Iron	20	U	ug/l	260		ug/l	57	J	ug/l	78	J	ug/l	55	J	ug/l	73	J	ug/l	16	J	ug/l	26	J	ug/l
Lead	0.2	U	ug/l	3.2		ug/l	0.11	U	ug/l	0.11	U	ug/l	0.17	J	ug/l	0.11	U	ug/l	35		ug/l	44		ug/l
Lithium																								
Magnesium	3900		ug/l	3900		ug/l	3700	J	ug/l	3800	J	ug/l	3700	J	ug/l	3800	J	ug/l	950	J	ug/l	950	J	ug/l
Manganese	5	U	ug/l	28		ug/l	0.5	J	ug/l	3.2	J	ug/l	0.47	J	ug/l	3.1	J	ug/l	110		ug/l	110		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l
Molybdenum																								
Nickel	20	U	ug/l	20	U	ug/l	0.22	U	ug/l	0.22	U	ug/l	0.22	U	ug/l	0.22	U	ug/l	1.7	J	ug/l	2	J	ug/l
Potassium	2000	U	ug/l	2000	U	ug/l	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l
Selenium	2	U	ug/l	2	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l
Silicon																								
Silver	0.2	U	ug/l	0.2	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l
Sodium	1300		ug/l	1400		ug/l	1200	J	ug/l	1100	J	ug/l	1200	J	ug/l	1100	J	ug/l	400	J	ug/l	400	J	ug/l
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.2	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	10	U	ug/l	0.17	J	ug/l	0.14	J	ug/l	0.14	J	ug/l	0.16	J	ug/l	0.11	U	ug/l	0.11	U	ug/l
Zinc	10	U	ug/l	10	U	ug/l	1.6	J	ug/l	0.91	U	ug/l	1.7	J	ug/l	0.94	J	ug/l	2300		ug/l	2100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF319			SF319			SF320			SF320			SF321			SF321			SF328			SF328		
Location Cross Ref.	SF319			SF319			SF320			SF320			SF321			SF321			AD328			AD328		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			Spring/Seep			Spring/Seep		
(Ref) Source/Lab	(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46514			46514			46517			46517			46515			46515			168527			168527		
Sample Date	05/07/1998			05/07/1998			05/07/1998			05/07/1998			05/07/1998			05/07/1998			11/08/1997			11/08/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.69	U	ug/l	15	J	ug/l	0.69	U	ug/l	7.4	J	ug/l	1.2	J	ug/l	5.2	J	ug/l	20	U	ug/l	26	U	ug/l
Antimony	0.032	U	ug/l	0.032	U	ug/l	0.032	U	ug/l	0.032	U	ug/l	0.032	U	ug/l	0.032	U	ug/l	1.8		ug/l	1.9	J	ug/l
Arsenic	0.23	U	ug/l	0.23	U	ug/l	0.23	U	ug/l	0.23	U	ug/l	0.23	U	ug/l	0.23	U	ug/l	0.72		ug/l	0.45	J	ug/l
Barium	11	J	ug/l	11	J	ug/l	21	J	ug/l	21	J	ug/l	3.3	J	ug/l	3.2	J	ug/l	9.3		ug/l	11	U	ug/l
Beryllium	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	1	U	ug/l	0.35	U	ug/l
Cadmium	2.6	J	ug/l	2.5	J	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.67		ug/l	0.64		ug/l
Calcium	1600	J	ug/l	1500	J	ug/l	540	J	ug/l	550	J	ug/l	790	J	ug/l	800	J	ug/l	110000		ug/l	110000		ug/l
Chromium	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	5	U	ug/l	6	U	ug/l
Cobalt	0.054	J	ug/l	0.069	J	ug/l	0.023	U	ug/l	0.023	U	ug/l	0.023	U	ug/l	0.023	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	0.44	U	ug/l	0.44	U	ug/l	0.44	U	ug/l	0.44	U	ug/l	0.44	U	ug/l	0.44	U	ug/l	0.5	U	ug/l	0.22	J	ug/l
Cyanide																								
Iron	5.6	U	ug/l	15	J	ug/l	5.6	U	ug/l	5.6	U	ug/l	5.6	U	ug/l	5.6	U	ug/l	10	U	ug/l	5	UJ	ug/l
Lead	8.7		ug/l	19		ug/l	0.11	U	ug/l	0.47	J	ug/l	1.2	J	ug/l	3		ug/l	7.4		ug/l	7.1		ug/l
Lithium																								
Magnesium	330	J	ug/l	340	J	ug/l	120	J	ug/l	130	J	ug/l	140	J	ug/l	150	J	ug/l	72000		ug/l	72000		ug/l
Manganese	27		ug/l	32		ug/l	0.42	J	ug/l	1	J	ug/l	0.07	J	ug/l	0.65	J	ug/l	1.5		ug/l	3.8	U	ug/l
Mercury	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel	0.22	U	ug/l	0.22	U	ug/l	0.22	U	ug/l	0.22	U	ug/l	0.22	U	ug/l	0.22	U	ug/l	3.2		ug/l	5	U	ug/l
Potassium	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l	3600		ug/l	3600		ug/l
Selenium	0.13	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.03	U	ug/l	0.22	UJ	ug/l
Sodium	380	J	ug/l	390	J	ug/l	450	J	ug/l	430	J	ug/l	400	J	ug/l	420	J	ug/l	2100		ug/l	2200		ug/l
Strontium																								
Sulfur																								
Thallium	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium	0.11	U	ug/l	0.11	U	ug/l							0.11	U	ug/l	0.11	U	ug/l	3	U	ug/l	2	J	ug/l
Zinc	380		ug/l	330		ug/l	3.1	J	ug/l	2.6	J	ug/l	10	J	ug/l	9.8	J	ug/l	89		ug/l	110		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF328			SF328			SF338			SF338			SF339			SF339			SF342			SF342		
Location Cross Ref.	AD328			AD328			AD338			AD338			AD339			AD339			AD342			AD342		
Location Type	Spring/Seep			Spring/Seep			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/SWRI			(3) URS/SWRI			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SWRI			(3) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46586			46586			46588			46588			46440			46440			46589			46589		
Sample Date	05/17/1998			05/17/1998			05/18/1998			05/18/1998			05/17/1998			05/17/1998			05/18/1998			05/18/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	0.2	J	mg/l	0.0028	J	mg/l	50	U	ug/l	50	U	ug/l
Antimony	1.8		ug/l	1.7		ug/l	6.6		ug/l	6.7		ug/l	0.0031	U	mg/l	0.001	U	mg/l	0.94		ug/l	0.99		ug/l
Arsenic	2	U	ug/l	2	U	ug/l	1.3		ug/l	1	U	ug/l	0.0089	J	mg/l	0.0075	J	mg/l	1.5		ug/l	1.4		ug/l
Barium	12		ug/l	12		ug/l	19		ug/l	19		ug/l	0.054	J	mg/l	0.038	J	mg/l	180		ug/l	180		ug/l
Beryllium	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	1	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	1	U	ug/l	1	U	ug/l
Cadmium	3.6		ug/l	1.1		ug/l	0.1	U	ug/l	0.1	U	ug/l							2.5		ug/l	2.4		ug/l
Calcium	110000		ug/l	110000		ug/l	3600		ug/l	3600		ug/l	8	J	mg/l	7.7	J	mg/l	20000		ug/l	20000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.0004	U	mg/l	0.0004	U	mg/l	5	U	ug/l	5	U	ug/l
Cobalt	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	0.0006	J	mg/l				5	U	ug/l	5	U	ug/l
Copper	2	U	ug/l	2	U	ug/l	550		ug/l	550		ug/l	0.02	J	mg/l	0.0006	J	mg/l	3	U	ug/l	3	U	ug/l
Cyanide																								
Iron	62		ug/l	41		ug/l	20	U	ug/l	20	U	ug/l	0.57		mg/l	0.07	J	mg/l	49	U	ug/l	20	U	ug/l
Lead	12		ug/l	7.7		ug/l	0.5	U	ug/l	0.5	U	ug/l	0.17		mg/l	0.0024	J	mg/l	3.1		ug/l	1.1		ug/l
Lithium																								
Magnesium	69000		ug/l	68000		ug/l	580		ug/l	580		ug/l	4.2	J	mg/l	3.9	J	mg/l	5000		ug/l	5000		ug/l
Manganese	6		ug/l	5	U	ug/l	21		ug/l	21		ug/l	0.063		mg/l	0.0019	UJ	mg/l	5	U	ug/l	5	U	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	UJ	mg/l	0.32		ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	20	U	ug/l	20	U	ug/l	5	U	ug/l	5	U	ug/l	0.0004	J	mg/l	0.0002	U	mg/l	5	U	ug/l	5	U	ug/l
Potassium	2600		ug/l	2200		ug/l	560		ug/l	420		ug/l	1.6	U	mg/l	1.6	U	mg/l	500		ug/l	390		ug/l
Selenium	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l	0.0013	U	mg/l	0.0013	U	mg/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver	0.2	U	ug/l	0.2	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.0003	U	mg/l				0.3	U	ug/l	0.3	U	ug/l
Sodium	1600		ug/l	1600		ug/l	650		ug/l	650		ug/l	0.91	J	mg/l	0.95	J	mg/l	6600		ug/l	6700		ug/l
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	0.1	U	ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	0.0001	U	mg/l	0.0001	U	mg/l	5	U	ug/l	5	U	ug/l
Zinc	120		ug/l	120		ug/l	9.4		ug/l	9.9		ug/l	0.04		mg/l	0.01	J	mg/l	200		ug/l	190		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF345			SF345			SF346			SF346			SF347			SF347			SF347			SF347		
Location Cross Ref.	AD345			AD345			AD346			AD346			AD347			AD347			AD347			AD347		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46581			46581			46580			46580			46582			46582			46583			46583		
Sample Date	05/17/1998			05/17/1998			05/17/1998			05/17/1998			05/17/1998			05/17/1998			05/17/1998			05/17/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Arsenic	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l
Barium	200		ug/l	210		ug/l	5	U	ug/l	5	U	ug/l	9		ug/l	9		ug/l	8		ug/l	9		ug/l
Beryllium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Cadmium	16		ug/l	15		ug/l	5.7		ug/l	5		ug/l	73		ug/l	72		ug/l	72		ug/l	70		ug/l
Calcium	4700		ug/l	4800		ug/l	46000		ug/l	48000		ug/l	15000		ug/l	15000		ug/l	15000		ug/l	15000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	12		ug/l	12		ug/l	11		ug/l	11		ug/l
Copper	8		ug/l	7.9		ug/l	2	U	ug/l	2	U	ug/l	3.4		ug/l	3		ug/l	3		ug/l	3		ug/l
Cyanide																								
Iron	20	U	ug/l	20	U	ug/l	98		ug/l	25		ug/l	64		ug/l	24		ug/l	57		ug/l	20	U	ug/l
Lead	77		ug/l	69		ug/l	0.9		ug/l	0.2		ug/l	670		ug/l	590		ug/l	650		ug/l	550		ug/l
Lithium																								
Magnesium	4900		ug/l	5000		ug/l	23000		ug/l	24000		ug/l	3400		ug/l	3500		ug/l	3300		ug/l	3400		ug/l
Manganese	550		ug/l	560		ug/l	450		ug/l	260		ug/l	1400		ug/l	1400		ug/l	1300		ug/l	1400		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	21		ug/l	20	U	ug/l	20	U	ug/l
Potassium	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l
Selenium	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l
Silicon																								
Silver	0.8		ug/l	0.7		ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Sodium	330		ug/l	350		ug/l	590		ug/l	610		ug/l	500		ug/l	510		ug/l	490		ug/l	510		ug/l
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l
Zinc	2500		ug/l	2600		ug/l	850		ug/l	810		ug/l	11000		ug/l	11000		ug/l	11000		ug/l	11000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF349			SF349			SF350			SF350			SF386			SF386			SF389			SF389		
Location Cross Ref.	AD349			AD349			AD350			AD350			AD386			AD386			AD389			AD389		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/SWRI			(3) URS/SWRI			(2) URS/MEL			(2) URS/LAUCKS			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46584			46584			46590			46590			168562			168562			168564			168564		
Sample Date	05/17/1998			05/17/1998			05/18/1998			05/18/1998			11/19/1997			11/19/1997			11/19/1997			11/19/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	110		ug/l	50	U	ug/l	34	J	ug/l	800		ug/l	27	J	ug/l	810		ug/l
Antimony	0.2	U	ug/l	0.2	U	ug/l	6.2		ug/l	6		ug/l	0.87		ug/l	0.83	U	ug/l	2.4		ug/l	2.5	J	ug/l
Arsenic	2	U	ug/l	2	U	ug/l	5.4		ug/l	1.9		ug/l	24		ug/l	25		ug/l	1.3		ug/l	3.5		ug/l
Barium	15		ug/l	15		ug/l	8.2		ug/l	5.9		ug/l	1400		ug/l	1400		ug/l	220		ug/l	270		ug/l
Beryllium	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.35	U	ug/l	1	U	ug/l	0.35	U	ug/l
Cadmium	0.8		ug/l	0.8		ug/l	0.1	U	ug/l	0.1	U	ug/l	0.13		ug/l	0.35	U	ug/l	0.038		ug/l	0.48		ug/l
Calcium	50	U	ug/l	1500		ug/l	23000		ug/l	23000		ug/l	33000		ug/l	31000		ug/l	13000		ug/l	13000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	6	U	ug/l
Cobalt	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	2	U	ug/l	2	U	ug/l	3	U	ug/l	3	U	ug/l	0.93		ug/l	3.2	J	ug/l	0.46		ug/l	5.3		ug/l
Cyanide																								
Iron	20	U	ug/l	20	U	ug/l	380		ug/l	20	U	ug/l	10	U	ug/l	770		ug/l	18		ug/l	1100		ug/l
Lead	35		ug/l	34		ug/l	2.5		ug/l	0.5	U	ug/l	0.21		ug/l	7.2		ug/l	0.19		ug/l	30		ug/l
Lithium																								
Magnesium	240		ug/l	240		ug/l	3300		ug/l	3200		ug/l	21000		ug/l	20000		ug/l	8000		ug/l	8100		ug/l
Manganese	5	U	ug/l	5	U	ug/l	110		ug/l	5	U	ug/l	1.2		ug/l	24		ug/l	17		ug/l	130		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.5		ug/l
Molybdenum																								
Nickel	20	U	ug/l	20	U	ug/l	5	U	ug/l	5	U	ug/l	1.7		ug/l	5	U	ug/l	0.31		ug/l	6.5	J	ug/l
Potassium	2000	U	ug/l	2000	U	ug/l	510		ug/l	420		ug/l	1000		ug/l	1000		ug/l	1500		ug/l	1000		ug/l
Selenium	2	U	ug/l	2	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.21	U	ug/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver	0.2	U	ug/l	0.2	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.03	U	ug/l	0.22	U	ug/l
Sodium	400		ug/l	410		ug/l	970		ug/l	990		ug/l	16000		ug/l	15000		ug/l	1700		ug/l	1600		ug/l
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.5	U	ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l	3	U	ug/l	2	U	ug/l	3	U	ug/l	2	U	ug/l
Zinc	84		ug/l	73		ug/l	5	U	ug/l	5	U	ug/l	17		ug/l	40	U	ug/l	7.2		ug/l	51	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF390			SF390			SF394			SF394			SF394			SF394			SF394			SF394		
Location Cross Ref.	AD390			AD390			MORN-1			MORN-1			MORN-1			MORN-1			MORN-1			MORN-1		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168565			168565			172047			172047			172047			172047			172047			172074		
Sample Date	11/19/1997			11/19/1997			05/15/1991			05/15/1991			05/15/1991			05/15/1991			05/15/1991			10/04/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			6010			7131			7421			D6010			D7421			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	28	J	ug/l	100		ug/l																		
Antimony	0.51		ug/l	0.43	U	ug/l																		
Arsenic	0.35		ug/l	0.5	J	ug/l																		
Barium	100		ug/l	110		ug/l																		
Beryllium	1	U	ug/l	0.35	U	ug/l																		
Cadmium	0.02	U	ug/l	0.069	U	ug/l				0.0009		mg/l				0.0007		mg/l						
Calcium	18000		ug/l	17000		ug/l																		
Chromium	5	U	ug/l	6	U	ug/l																		
Cobalt	5	U	ug/l	5	U	ug/l																		
Copper	0.29		ug/l	0.44	J	ug/l																		
Cyanide																								
Iron	10	U	ug/l	43	J	ug/l																		
Lead	0.062		ug/l	0.17	J	ug/l							0.003		mg/l				0.003	U	mg/l			
Lithium																								
Magnesium	5700		ug/l	5400		ug/l																		
Manganese	1	U	ug/l	1.1	J	ug/l																		
Mercury	0.2	U	ug/l	0.1	U	ug/l																		
Molybdenum																								
Nickel	0.42		ug/l	5	U	ug/l																		
Potassium	1100		ug/l	190	J	ug/l																		
Selenium	1	U	ug/l	0.21	U	ug/l																		
Silicon																								
Silver	0.03	U	ug/l	0.22	U	ug/l																		
Sodium	2500		ug/l	2400		ug/l																		
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.017	U	ug/l																		
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l																		
Zinc	1.2		ug/l	12	U	ug/l	0.13		mg/l							0.02	U	mg/l				0.083		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF394			SF394			SF394			SF394			SF394			SF394			SF394			SF394		
Location Cross Ref.	MORN-1			MORN-1			MORN-1			MORN-1			MORN-1			MORN-1			MORN-1			MORN-1		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172074			172074			172074			172074			168568			168568			46585			46585		
Sample Date	10/04/1991			10/04/1991			10/04/1991			10/04/1991			11/20/1997			11/20/1997			05/17/1998			05/17/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7131			7421			D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum													20	UJ	ug/l	26	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony													0.98		ug/l	1	U	ug/l	1.6		ug/l	1.5		ug/l
Arsenic													1.7		ug/l	1.4	J	ug/l	2	U	ug/l	2	U	ug/l
Barium													17		ug/l	18	J	ug/l	18		ug/l	20		ug/l
Beryllium													1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Cadmium	0.0005		mg/l				0.0004		mg/l				0.041		ug/l	0.069	U	ug/l	1.7		ug/l	1.1		ug/l
Calcium													140000		ug/l	140000		ug/l	130000		ug/l	140000		ug/l
Chromium													5	U	ug/l	7.6	J	ug/l	5	U	ug/l	5	U	ug/l
Cobalt													5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l
Copper													0.16		ug/l	0.28	U	ug/l	2	U	ug/l	2	U	ug/l
Cyanide																								
Iron													10	U	ug/l	160		ug/l	400		ug/l	51		ug/l
Lead				0.005		mg/l				0.001	U	mg/l	0.12		ug/l	2		ug/l	9.2		ug/l	0.5		ug/l
Lithium																								
Magnesium													70000		ug/l	71000		ug/l	70000		ug/l	76000		ug/l
Manganese													1900		ug/l	2100		ug/l	2000		ug/l	2200		ug/l
Mercury													0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel													4.7		ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l
Potassium													2400		ug/l	3600		ug/l	2400		ug/l	3800		ug/l
Selenium													1	U	ug/l	0.21	U	ug/l	2	U	ug/l	2	U	ug/l
Silicon																								
Silver													0.03	U	ug/l	0.22	UJ	ug/l	0.2	U	ug/l	0.2	U	ug/l
Sodium													2100		ug/l	2200		ug/l	1500		ug/l	1700		ug/l
Strontium																								
Sulfur																								
Thallium													0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium													3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l
Zinc							0.012	U	mg/l				25		ug/l	38	U	ug/l	320		ug/l	310		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF395			SF395			SF395			SF395			SF396			SF396			SF396			SF396		
Location Cross Ref.	AD395			AD395			AD395			AD395			AD396			AD396			AD396			AD396		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI			(3) URS/SWRI			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168569			168569			46591			46591			168570			168570			46593			46593		
Sample Date	11/20/1997			11/20/1997			05/18/1998			05/18/1998			11/20/1997			11/20/1997			05/19/1998			05/19/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	22	J	ug/l	96		ug/l	59		ug/l	50	U	ug/l	23	J	ug/l	37		ug/l	0.69	UJ	ug/l	2.5	J	ug/l
Antimony	0.5	U	ug/l	0.75	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.32	U	ug/l	0.25	U	ug/l	0.26	U	ug/l
Arsenic	1		ug/l	2.6		ug/l	1.9		ug/l	1	U	ug/l	0.12		ug/l	0.16	U	ug/l	0.23	U	ug/l	0.23	U	ug/l
Barium	100		ug/l	100		ug/l	110		ug/l	85		ug/l	98		ug/l	95		ug/l	65	J	ug/l	74	J	ug/l
Beryllium	1	U	ug/l	0.35	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.35	U	ug/l	0.11	U	ug/l	0.11	U	ug/l
Cadmium	0.02	U	ug/l	0.069	U	ug/l	0.1		ug/l	0.1	U	ug/l	0.02	U	ug/l	0.069	U	ug/l	0.041	U	ug/l	0.041	U	ug/l
Calcium	53000		ug/l	55000		ug/l	53000		ug/l	52000		ug/l	6400		ug/l	6400		ug/l	4900	J	ug/l	5100		ug/l
Chromium	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.023	U	ug/l	0.023	U	ug/l
Copper	0.14		ug/l	1.3	J	ug/l	3	U	ug/l	3	U	ug/l	0.21		ug/l	0.28	U	ug/l	0.44	U	ug/l	0.44	U	ug/l
Cyanide																								
Iron	54		ug/l	1400		ug/l	910		ug/l	20	U	ug/l	10	U	ug/l	5.9	U	ug/l	22	J	ug/l	41	J	ug/l
Lead	0.68		ug/l	32		ug/l	17		ug/l	0.5	U	ug/l	0.26		ug/l	0.62		ug/l	0.12	J	ug/l	0.84	J	ug/l
Lithium																								
Magnesium	11000		ug/l	11000		ug/l	12000		ug/l	12000		ug/l	780		ug/l	780		ug/l	670	J	ug/l	680	J	ug/l
Manganese	610		ug/l	680		ug/l	920		ug/l	270		ug/l	1.1		ug/l	1	U	ug/l	0.36	J	ug/l	0.8	J	ug/l
Mercury	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.16	U	ug/l	0.16	U	ug/l
Molybdenum																								
Nickel	1.3		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.19		ug/l	5	U	ug/l	0.23	U	ug/l	0.23	U	ug/l
Potassium	700	U	ug/l	1100		ug/l	1000		ug/l	840		ug/l	870		ug/l	530	U	ug/l	1600	UJ	ug/l	1600	U	ug/l
Selenium	1	U	ug/l	0.21	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.21	U	ug/l	1.3	U	ug/l	1.3	U	ug/l
Silicon																								
Silver	0.03	U	ug/l	0.22	UJ	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.03	U	ug/l	0.22	UJ	ug/l	0.042	U	ug/l	0.042	U	ug/l
Sodium	1500		ug/l	1600		ug/l	1500		ug/l	1600		ug/l	830		ug/l	870		ug/l	810	J	ug/l	900	J	ug/l
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.14	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.058	U	ug/l	0.058	U	ug/l
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l	5	U	ug/l	5	U	ug/l	3	U	ug/l	2	U	ug/l	0.2	U	ug/l	0.19	U	ug/l
Zinc	6.7		ug/l	29	U	ug/l	18		ug/l	5	U	ug/l	5.9		ug/l	12	U	ug/l	5.8	J	ug/l	1.1	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF398			SF398			SF605			SF606			SF607			SF607			SF607			SF607		
Location Cross Ref.	SF231			SF231			ABOVE MORN DITCH			GOLD HUNTER GULC			001/001A			001/001A			001/001A			001/001A		
Location Type	River/Stream			River/Stream			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(3) URS/SOUND			(3) URS/SOUND			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) IDHW/OTHER			(8) IDHW/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46553			46553			173205			173221			173240			173241			173242			173242		
Sample Date	05/13/1998			05/13/1998			04/02/1996			03/23/1998			07/31/1990			11/07/1991			01/03/1996			01/03/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			6010			6010			6010			6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	5.2	J	ug/l	21	J	ug/l																		
Antimony	0.28	J	ug/l	0.28	J	ug/l				45	U	ug/l												
Arsenic	0.31	J	ug/l	0.33	J	ug/l				40	U	ug/l												
Barium	35	J	ug/l	38	J	ug/l																		
Beryllium	0.11	U	ug/l	0.11	U	ug/l																		
Cadmium	0.34	J	ug/l	0.4	J	ug/l	16		ug/l	2	U	ug/l	0.5	U	ug/l	1	U	ug/l	2		ug/l	2		ug/l
Calcium	7900		ug/l	7900		ug/l				18000		ug/l												
Chromium	0.4	U	ug/l	0.4	U	ug/l																		
Cobalt	0.023	U	ug/l	0.023	U	ug/l																		
Copper	0.61	J	ug/l	0.83	J	ug/l	5	U	ug/l	24		ug/l												
Cyanide																								
Iron	50	J	ug/l	85	J	ug/l																		
Lead	1.1	J	ug/l	5.2		ug/l	54		ug/l	25	UJ	ug/l	150		ug/l	920		ug/l	54		ug/l	35		ug/l
Lithium																								
Magnesium	2300	J	ug/l	2400	J	ug/l				8000		ug/l												
Manganese	11	J	ug/l	19		ug/l	310		ug/l	9.7		ug/l												
Mercury	0.16	U	ug/l	0.16	U	ug/l	0.2	U	ug/l	0.2	U	ug/l												
Molybdenum																								
Nickel	0.24	J	ug/l	0.23	U	ug/l																		
Potassium	1600	U	ug/l	1600	U	ug/l																		
Selenium	1.3	U	ug/l	1.3	U	ug/l				100	U	ug/l												
Silicon																								
Silver	0.042	U	ug/l	0.042	U	ug/l	1	U	ug/l	4	U	ug/l												
Sodium	1600	J	ug/l	1500	J	ug/l																		
Strontium																								
Sulfur																								
Thallium	0.058	U	ug/l	0.058	U	ug/l																		
Titanium																								
Uranium																								
Vanadium	0.11	U	ug/l	0.11	U	ug/l																		
Zinc	84		ug/l	84		ug/l	2500		ug/l	17	J	ug/l	83		ug/l	450		ug/l	500		ug/l	450		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF607			SF607			SF607			SF607			SF607			SF607			SF607			SF607		
Location Cross Ref.	001/001A			001/001A			001/001A			001/001A			001/001A			001/001A			001/001A			001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173243			173243			173244			173244			173245			173245			173246			173246		
Sample Date	01/10/1996			01/10/1996			01/17/1996			01/17/1996			01/24/1996			01/24/1996			01/31/1996			01/31/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	3		ug/l	3		ug/l	4		ug/l	4		ug/l							7		ug/l	6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	79		ug/l	54		ug/l	76		ug/l	52		ug/l	130		ug/l	85		ug/l	160		ug/l	130		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	430		ug/l	390		ug/l	560		ug/l	500		ug/l	560		ug/l	510		ug/l	590		ug/l	550		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF607			SF607			SF607			SF607			SF607			SF607			SF607			SF607		
Location Cross Ref.	001/001A			001/001A			001/001A			001/001A			001/001A			001/001A			001/001A			001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173247			173247			173248			173248			173249			173249			173250			173250		
Sample Date	02/07/1996			02/07/1996			02/14/1996			02/14/1996			02/21/1996			02/21/1996			02/28/1996			02/28/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	5		ug/l	5		ug/l	4		ug/l	4		ug/l	2		ug/l	2		ug/l	2		ug/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	120		ug/l	73		ug/l	160		ug/l	92		ug/l	110		ug/l	71		ug/l	130		ug/l	67		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	990		ug/l	750		ug/l	510		ug/l	450		ug/l	440		ug/l	410		ug/l	470		ug/l	430		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF607			SF607			SF607			SF607			SF607			SF607			SF607			SF607		
Location Cross Ref.	001/001A			001/001A			001/001A			001/001A			001/001A			001/001A			001/001A			001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173251			173251			173252			173252			173253			173253			173254			173254		
Sample Date	03/06/1996			03/06/1996			03/13/1996			03/13/1996			03/20/1996			03/20/1996			03/27/1996			03/27/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2		ug/l				3		ug/l	3		ug/l	3		ug/l	3		ug/l						
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	120		ug/l	71		ug/l	100		ug/l	73		ug/l	94		ug/l	53		ug/l	100		ug/l	88		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	500		ug/l	460		ug/l	580		ug/l	550		ug/l	700		ug/l	680		ug/l	670		ug/l	620		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF607			SF607			SF607			SF609			SF609			SF609			SF609			SF609		
Location Cross Ref.	001/001A			001/001A			001/001A			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) IDHW/OTHER			(8) IDHW/OTHER			(8) HECLA/OTHER			(8) HECLA/OTHER			(8) HECLA/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173216			173226			173227			173255			173256			173257			173257			173258		
Sample Date	04/02/1996			03/24/1998			03/24/1998			07/31/1990			11/07/1991			12/21/1994			12/21/1994			12/28/1994		
Sample Type	Environ. Sample			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			6010			6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony				45	U	ug/l	45	U	ug/l															
Arsenic				40	U	ug/l	40	U	ug/l															
Barium																								
Beryllium																								
Cadmium	3.1		ug/l	2	U	ug/l	2	U	ug/l	0.7		ug/l	1	U	ug/l	5		ug/l	4		ug/l	7		ug/l
Calcium				25000		ug/l	24000		ug/l															
Chromium																								
Cobalt																								
Copper	5	U	ug/l	3	U	ug/l	3	U	ug/l															
Cyanide																								
Iron																								
Lead	65		ug/l	61		ug/l	130	J	ug/l	32		ug/l	21		ug/l	59		ug/l	33		ug/l	90		ug/l
Lithium																								
Magnesium				5700		ug/l	5500		ug/l															
Manganese	100		ug/l	280		ug/l	290		ug/l															
Mercury	0.2	U	ug/l				0.2	U	ug/l															
Molybdenum																								
Nickel																								
Potassium																								
Selenium				100	U	ug/l	100	U	ug/l															
Silicon																								
Silver	1	U	ug/l	4	U	ug/l	4	U	ug/l															
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	570		ug/l	67		ug/l	74		ug/l	30		ug/l	70		ug/l	400		ug/l	360		ug/l	480		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF609			SF609			SF609			SF609			SF609			SF609			SF609			SF609		
Location Cross Ref.	003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) HECLA/OTHER			(8) HECLA/OTHER			(8) HECLA/OTHER			(8) HECLA/OTHER			(8) HECLA/OTHER			(8) HECLA/OTHER			(8) HECLA/OTHER			(8) HECLA/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173258			173259			173259			173260			173260			173261			173261			173262		
Sample Date	12/28/1994			01/04/1995			01/04/1995			01/11/1995			01/11/1995			01/18/1995			01/18/1995			01/25/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	6		ug/l	5		ug/l	4		ug/l	5		ug/l	5		ug/l	4		ug/l	3		ug/l	3		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	52		ug/l	89		ug/l	50		ug/l	120		ug/l	71		ug/l	130		ug/l	59		ug/l	120		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	440		ug/l	500		ug/l	430		ug/l	530		ug/l	490		ug/l	600		ug/l	530		ug/l	590		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF609			SF609			SF609			SF609			SF609			SF609			SF609			SF609		
Location Cross Ref.	003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) HECLA/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173262			173263			173263			173264			173264			173265			173265			173266		
Sample Date	01/25/1995			01/03/1996			01/03/1996			01/10/1996			01/10/1996			01/17/1996			01/17/1996			01/24/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	3		ug/l																					
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	67		ug/l	100		ug/l	58		ug/l	140		ug/l	79		ug/l	110		ug/l	63		ug/l	140		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	520		ug/l	300		ug/l	270		ug/l	130		ug/l	71		ug/l	270		ug/l	230		ug/l	180		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF609			SF609			SF609			SF609			SF609			SF609			SF609			SF609		
Location Cross Ref.	003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173266			173267			173267			173268			173268			173269			173269			173270		
Sample Date	01/24/1996			01/31/1996			01/31/1996			02/07/1996			02/07/1996			02/14/1996			02/14/1996			02/21/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium										3		ug/l				2		ug/l	2		ug/l	2		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	76		ug/l	160		ug/l	96		ug/l	150		ug/l	80		ug/l	160		ug/l	88		ug/l	160		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	140		ug/l	200		ug/l	160		ug/l	1900		ug/l	1500		ug/l	360		ug/l	280		ug/l	200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF609			SF609			SF609			SF609			SF609			SF609			SF609			SF609		
Location Cross Ref.	003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173270			173271			173271			173272			173272			173273			173273			173274		
Sample Date	02/21/1996			02/28/1996			02/28/1996			03/06/1996			03/06/1996			03/13/1996			03/13/1996			03/20/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium										2		ug/l												
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	97		ug/l	160		ug/l	88		ug/l	180		ug/l	100		ug/l	160		ug/l	95		ug/l	200		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	160		ug/l	140		ug/l	92		ug/l	150		ug/l	90		ug/l	200		ug/l	170		ug/l	260		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF609			SF609			SF609			SF609			SF609			SF609			SF611			SF611		
Location Cross Ref.	003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			003 (UPPER POND)			MORN 002/002A			MORN 002/002A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173274			173275			173275			173215			173228			173229			174777			174354		
Sample Date	03/20/1996			03/27/1996			03/27/1996			04/02/1996			03/24/1998			03/24/1998			01/15/1994			01/31/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony													54		ug/l	45	U	ug/l						
Arsenic													40	U	ug/l	40	U	ug/l						
Barium																								
Beryllium																								
Cadmium										1	U	ug/l	2	U	ug/l	2	U	ug/l	0.006		mg/l	0.007		mg/l
Calcium													35000		ug/l	34000		ug/l						
Chromium																								
Cobalt																								
Copper										5	U	ug/l	3	U	ug/l	3	U	ug/l						
Cyanide																								
Iron																								
Lead	98		ug/l	140		ug/l	69		ug/l	110		ug/l	40		ug/l	81	J	ug/l	0.063		mg/l	0.07		mg/l
Lithium																								
Magnesium													5300		ug/l	4900		ug/l						
Manganese										280		ug/l	500		ug/l	500		ug/l						
Mercury										0.2	U	ug/l				0.2	U	ug/l						
Molybdenum																								
Nickel																								
Potassium																								
Selenium													100	U	ug/l	100	U	ug/l						
Silicon																								
Silver										1	U	ug/l	4	U	ug/l	4	U	ug/l						
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	180		ug/l	250		ug/l	220		ug/l	250		ug/l	310		ug/l	310		ug/l	0.1		mg/l	0.14		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF611			SF611			SF611			SF611			SF611			SF611			SF611			SF611		
Location Cross Ref.	MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174778			174355			174779			174356			174780			174357			174781			174358		
Sample Date	02/15/1994			02/28/1994			03/15/1994			03/31/1994			04/15/1994			04/30/1994			05/15/1994			05/31/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.006		mg/l	0.007		mg/l	0.005		mg/l	0.006		mg/l	0.007		mg/l	0.007		mg/l	0.006		mg/l	0.008		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.064		mg/l	0.073		mg/l	0.059		mg/l	0.068		mg/l	0.067		mg/l	0.083		mg/l	0.07		mg/l	0.082		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.095		mg/l	0.099		mg/l	0.12		mg/l	0.13		mg/l	0.14		mg/l	0.17		mg/l	0.16		mg/l	0.17		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF611			SF611			SF611			SF611			SF611			SF611			SF611			SF611		
Location Cross Ref.	MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174782			174359			174783			174360			174784			174361			174785			174362		
Sample Date	06/15/1994			06/30/1994			07/15/1994			07/31/1994			08/15/1994			08/31/1994			09/15/1994			09/30/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.006		mg/l	0.007		mg/l	0.007		mg/l	0.007		mg/l	0.007		mg/l	0.008		mg/l	0.006		mg/l	0.007		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.082		mg/l	0.13		mg/l	0.075		mg/l	0.087		mg/l	0.076		mg/l	0.087		mg/l	0.057		mg/l	0.071		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.13		mg/l	0.12		mg/l	0.2		mg/l	0.15		mg/l	0.085		mg/l	0.082		mg/l	0.11		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF611			SF611			SF611			SF611			SF611			SF611			SF611			SF611		
Location Cross Ref.	MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174786			174363			174787			174364			174788			174365			174789			174366		
Sample Date	10/15/1994			10/31/1994			11/15/1994			11/30/1994			12/15/1994			12/31/1994			01/15/1995			01/31/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.006		mg/l	0.006		mg/l	0.005		mg/l	0.008		mg/l	0.007		mg/l	0.008		mg/l	0.002		mg/l	0.003		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.085		mg/l	0.099		mg/l	0.088		mg/l	0.13		mg/l	0.077		mg/l	0.086		mg/l	0.066		mg/l	0.074		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.1		mg/l	0.32		mg/l	0.17		mg/l	0.18		mg/l	0.15		mg/l	0.23		mg/l	0.16		mg/l	0.28		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF611			SF611			SF611			SF611			SF611			SF611			SF611			SF611		
Location Cross Ref.	MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174790			174367			174791			174368			174792			174369			174793			174370		
Sample Date	02/15/1995			02/28/1995			03/15/1995			03/31/1995			04/15/1995			04/30/1995			05/15/1995			05/31/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.001		mg/l	0.003		mg/l	0.002		mg/l	0.004		mg/l	0.001		mg/l	0.003		mg/l	0.001		mg/l	0.003		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.057		mg/l	0.069		mg/l	0.062		mg/l	0.071		mg/l	0.069		mg/l	0.075		mg/l	0.07		mg/l	0.079		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.18		mg/l	0.18		mg/l	0.16		mg/l	0.14		mg/l	0.13		mg/l	0.18		mg/l	0.15		mg/l	0.15		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF611			SF611			SF611			SF611			SF611			SF611			SF611			SF611		
Location Cross Ref.	MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174794			174371			174795			174372			174796			174373			174797			174374		
Sample Date	06/15/1995			06/30/1995			07/15/1995			07/31/1995			08/15/1995			08/31/1995			09/15/1995			09/30/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.001		mg/l	0.003		mg/l	0.002	U	mg/l	0.002	U	mg/l	0.0004		mg/l	0.002		mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.08		mg/l	0.09		mg/l	0.088		mg/l	0.1		mg/l	0.082		mg/l	0.093		mg/l	0.081		mg/l	0.1		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.13		mg/l	0.14		mg/l	0.13		mg/l	0.15		mg/l	0.11		mg/l	0.14		mg/l	0.12		mg/l	0.58		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF611			SF611			SF611			SF611			SF611			SF611			SF611			SF611		
Location Cross Ref.	MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174798			174375			174799			174376			174800			174377			174801			174378		
Sample Date	10/15/1995			10/31/1995			11/15/1995			11/30/1995			12/15/1995			12/31/1995			01/15/1996			01/31/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.001		mg/l	0.005		mg/l	0.002		mg/l	0.005		mg/l	0.003		mg/l	0.006		mg/l	0.003		mg/l	0.008		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.13		mg/l	0.31		mg/l				0.11		mg/l	0.0078		mg/l	0.14		mg/l	0.092		mg/l	0.08		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.26		mg/l	0.51		mg/l	0.22		mg/l	0.51		mg/l	0.28		mg/l	0.23		mg/l	0.18		mg/l	0.34		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF611			SF611			SF611			SF611			SF611			SF611			SF611			SF611		
Location Cross Ref.	MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/OTHER			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174802			174379			174803			174380			173202			174804			174381			174805		
Sample Date	02/15/1996			02/29/1996			03/15/1996			03/31/1996			04/02/1996			04/15/1996			04/30/1996			05/15/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002		mg/l	0.004		mg/l	0.001		mg/l	0.002		mg/l	1	U	ug/l	0.002		mg/l	0.008		mg/l	0.001		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper													5	U	ug/l									
Cyanide																								
Iron																								
Lead	0.066		mg/l	0.082		mg/l	0.074		mg/l	0.089		mg/l	3.3		ug/l	0.082		mg/l	0.13		mg/l	0.089		mg/l
Lithium																								
Magnesium																								
Manganese													2700		ug/l									
Mercury													0.2	U	ug/l									
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver													1	U	ug/l									
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.23		mg/l	0.19		mg/l	0.17		mg/l	0.77		mg/l	62		ug/l	0.28		mg/l	0.23		mg/l	0.18		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF611			SF611			SF611			SF611			SF611			SF611			SF611			SF611		
Location Cross Ref.	MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174382			174806			174383			174807			174384			174808			174385			174809		
Sample Date	05/31/1996			06/15/1996			06/30/1996			07/15/1996			07/31/1996			08/15/1996			08/31/1996			09/15/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.003		mg/l	0.001		mg/l	0.003		mg/l	0.002	U	mg/l	0.002		mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.1		mg/l	0.093		mg/l	0.11		mg/l	0.09		mg/l	0.1		mg/l	0.077		mg/l	0.083		mg/l	0.073		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.24		mg/l	0.21		mg/l	0.25		mg/l	0.2		mg/l	0.2		mg/l	0.15		mg/l	0.12		mg/l	0.11		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF611			SF611			SF611			SF611			SF611			SF611			SF611			SF611		
Location Cross Ref.	MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174386			174810			174811			174387			174812			174388			174813			174389		
Sample Date	09/30/1996			10/15/1996			11/15/1996			11/30/1996			12/15/1996			12/31/1996			01/15/1997			01/31/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l				0.002	U	mg/l	0.003		mg/l	0.002	U	mg/l	0.004		mg/l	0.003		mg/l	0.006		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.18		mg/l	0.09		mg/l	0.09		mg/l	0.1		mg/l	0.07		mg/l	0.07		mg/l	0.06		mg/l	0.08		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.26		mg/l	0.13		mg/l	0.066		mg/l	0.095		mg/l	0.19		mg/l	0.44		mg/l	0.22		mg/l	0.53		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF611			SF611			SF611			SF611			SF611			SF611			SF611			SF611		
Location Cross Ref.	MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174814			174390			174815			174391			174816			174392			174817			174393		
Sample Date	02/15/1997			02/28/1997			03/15/1997			03/31/1997			04/15/1997			04/30/1997			05/15/1997			05/31/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.003		mg/l	0.002	U	mg/l	0.003		mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.07		mg/l	0.11		mg/l	0.05		mg/l	0.06		mg/l	0.04		mg/l	0.05		mg/l	0.07		mg/l	0.08		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.16		mg/l	0.18		mg/l	0.26		mg/l	0.45		mg/l	0.17		mg/l	0.2		mg/l	0.18		mg/l	0.23		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF611			SF611			SF611			SF611			SF611			SF611			SF611			SF611		
Location Cross Ref.	MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174818			174394			174819			174395			174820			174396			174821			174397		
Sample Date	06/15/1997			06/30/1997			07/15/1997			07/31/1997			08/15/1997			08/31/1997			09/15/1997			09/30/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.003		mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.07		mg/l	0.09		mg/l	0.07		mg/l	0.09		mg/l	0.08		mg/l	0.1		mg/l	0.07		mg/l	0.08		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.21		mg/l	0.25		mg/l	0.16		mg/l	0.17		mg/l	0.24		mg/l	0.32		mg/l	0.22		mg/l	0.27		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF611			SF611			SF611			SF611			SF611			SF611			SF611			SF611		
Location Cross Ref.	MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174822			174398			174823			174399			174824			174400			174825			174401		
Sample Date	10/15/1997			10/31/1997			11/15/1997			11/30/1997			12/15/1997			12/31/1997			01/15/1998			01/31/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.08		mg/l	0.13		mg/l	0.056		mg/l	0.067		mg/l	0.051		mg/l	0.062		mg/l	0.057		mg/l	0.065		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.12		mg/l	0.18		mg/l	0.12		mg/l	0.19		mg/l	0.097		mg/l	0.18		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF611			SF611			SF611			SF611			SF611			SF611			SF611			SF611		
Location Cross Ref.	MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A			MORN 002/002A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/OTHER			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174826			174402			173230			174827			174403			174828			174404			174829		
Sample Date	02/15/1998			02/28/1998			03/24/1998			04/15/1998			04/30/1998			05/15/1998			05/31/1998			06/15/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony							45	U	ug/l															
Arsenic							40	U	ug/l															
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	2	U	ug/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium							140000		ug/l															
Chromium																								
Cobalt																								
Copper							3	U	ug/l															
Cyanide																								
Iron																								
Lead	0.05		mg/l	0.06		mg/l	25	U	ug/l	0.06		mg/l	0.08		mg/l	0.07		mg/l	0.08		mg/l	0.06		mg/l
Lithium																								
Magnesium							69000		ug/l															
Manganese							1500		ug/l															
Mercury							0.2	U	ug/l															
Molybdenum																								
Nickel																								
Potassium																								
Selenium							100	U	ug/l															
Silicon																								
Silver							4	U	ug/l															
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.11		mg/l	0.13		mg/l	14		ug/l	0.12		mg/l	0.16		mg/l	0.21		mg/l	0.3		mg/l	0.15		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF611		SF612		SF612		SF619		SF627		SF627		SF650		SF650	
Location Cross Ref.	MORN 002/002A		DITCH 002		DITCH 002		NR SHOSHONE PK		MULLAN STP 001A		MULLAN STP 001A		USGS SLAUGHTERHO		USGS SLAUGHTERHO	
Location Type	Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		River/Stream		River/Stream	
(Ref) Source/Lab	(8) EPAREG10/EPARE		(8) EPAREG10/OTHER		(8) EPAREG10/OTHER		(8) EPAREG10/OTHER		(8) EPAREG10/OTHER		(8) EPAREG10/OTHER		(18) USGS/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	174405		173201		173232		173233		173211		173231		186852		186852	
Sample Date	06/30/1998		04/02/1996		03/24/1998		03/23/1998		04/04/1996		03/25/1998		05/24/1999		05/24/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		6010		6010		6010		6010		6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony					45 U	ug/l	45 U	ug/l	5 U	ug/l	45 U	ug/l				
Arsenic					40 U	ug/l	40 U	ug/l	5 U	ug/l	40 U	ug/l				
Barium																
Beryllium																
Cadmium	0.002 U	mg/l	1 U	ug/l	2 U	ug/l	2 U	ug/l	5 U	ug/l	2 U	ug/l			1 U	ug/l
Calcium					82000	ug/l	7200	ug/l			21000	ug/l			5200	ug/l
Chromium									5 U	ug/l						
Cobalt																
Copper			5 U	ug/l	3 U	ug/l	3 U	ug/l	5 U	ug/l	3 U	ug/l				
Cyanide																
Iron																
Lead	0.07	mg/l	16	ug/l	25 U	ug/l	25 UJ	ug/l	5.6	ug/l	25 UJ	ug/l	83	ug/l	1 U	ug/l
Lithium																
Magnesium					50000	ug/l	2200	ug/l			4500	ug/l			1300	ug/l
Manganese			9.9	ug/l	5.6	ug/l	79	ug/l	140	ug/l	33	ug/l			6.6	ug/l
Mercury			0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l				
Molybdenum																
Nickel																
Potassium																
Selenium					100 U	ug/l	100 U	ug/l			100 U	ug/l				
Silicon																
Silver			1 U	ug/l	4 U	ug/l	4 U	ug/l	1 U	ug/l	4 U	ug/l				
Sodium															1000	ug/l
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	0.18	mg/l	110	ug/l	94	ug/l	24 J	ug/l	430	ug/l	280	ug/l	80	ug/l	7.1	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF650			SF650			SF8106			SF8106			SF8128			SF8128			SF8128			SF8129		
Location Cross Ref.	USGS SLAUGHTERHO			USGS SLAUGHTERHO			B7259704			B7259704			B7259701			B7259701			B7259701			B7259702		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			Wetlands/Marsh			Wetlands/Marsh			Wetlands/Marsh			Adit		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186852			186852			187857			187857			187870			187870			187870			187871		
Sample Date	05/24/1999			05/24/1999			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum										0.089	U	mg/l				0.089	U	mg/l						
Antimony																								
Arsenic													0.029	U	mg/l							0.029	U	mg/l
Barium							0.026		mg/l	0.026		mg/l	0.023		mg/l	0.02		mg/l				0.017		mg/l
Beryllium																								
Cadmium							0.005		mg/l	0.0023	U	mg/l	0.003	U	mg/l	0.0023	U	mg/l				0.004		mg/l
Calcium																								
Chromium							0.013	U	mg/l	0.0044	U	mg/l	0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l
Cobalt																								
Copper							0.035	U	mg/l	0.01		mg/l	0.31		mg/l	0.26		mg/l				0.035	U	mg/l
Cyanide																								
Iron	1400		ug/l	7.4		ug/l	0.012	U	mg/l	0.0037	U	mg/l	0.012	U	mg/l	0.0037	U	mg/l				0.012	U	mg/l
Lead													0.015	U	mg/l							0.0039		mg/l
Lithium																								
Magnesium																								
Manganese	340		ug/l				0.002	U	mg/l	0.0012	U	mg/l	0.014		mg/l	0.013		mg/l				0.002	U	mg/l
Mercury																			0.005	U	mg/l			
Molybdenum																								
Nickel							0.02	U	mg/l	0.007	U	mg/l	0.02	U	mg/l	0.007	U	mg/l				0.02	U	mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							0.003	U	mg/l	0.0031		mg/l	0.003	U	mg/l	0.0039		mg/l				0.003	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF8129			SF8129			SF8130			SF8130			SF8130			SF8131			SF8131			SF8131		
Location Cross Ref.	B7259702			B7259702			B7259703			B7259703			B7259703			B7299701			B7299701			B7299701		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187871			187871			187872			187872			187872			187873			187873			187873		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			7470			6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.089	U	mg/l							0.089	U	mg/l							0.089	U	mg/l			
Antimony																								
Arsenic							0.029	U	mg/l							0.029	U	mg/l						
Barium	0.014		mg/l				0.033		mg/l	0.029		mg/l				0.23		mg/l	0.2		mg/l			
Beryllium																								
Cadmium	0.0026		mg/l				0.003	U	mg/l	0.0023	U	mg/l				0.005		mg/l	0.0023	U	mg/l			
Calcium																								
Chromium	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l				0.013		mg/l	0.0047		mg/l			
Cobalt																								
Copper	0.0084	U	mg/l				0.035	U	mg/l	0.0084	U	mg/l				0.035	U	mg/l	0.015		mg/l			
Cyanide																								
Iron	0.0037	U	mg/l				0.012	U	mg/l	0.0037	U	mg/l				0.012	U	mg/l	0.0037	U	mg/l			
Lead							0.004		mg/l							0.015	U	mg/l						
Lithium																								
Magnesium																								
Manganese	0.0012	U	mg/l				0.002	U	mg/l	0.0012	U	mg/l				0.004		mg/l	0.003		mg/l			
Mercury				0.005	U	mg/l							0.005	U	mg/l							0.005	U	mg/l
Molybdenum																								
Nickel	0.007	U	mg/l				0.02	U	mg/l	0.007	U	mg/l				0.02	U	mg/l	0.021		mg/l			
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.0025	U	mg/l				0.003	U	mg/l	0.0025	U	mg/l				0.003	U	mg/l	0.0025	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF8132			SF8132			SF8132			SF8133			SF8133			SF8133			SF8134			SF8134		
Location Cross Ref.	B7299703			B7299703			B7299703			B7299705			B7299705			B7299705			B8059704			B8059704		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Wetlands/Marsh			Wetlands/Marsh		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187874			187874			187874			187875			187875			187875			187876			187876		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			6010			D6010			7470			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.089	U	mg/l							0.089	U	mg/l							0.089	U	mg/l
Antimony																								
Arsenic	0.0062		mg/l							0.029	U	mg/l							0.029	U	mg/l			
Barium	0.013		mg/l	0.014		mg/l				0.027		mg/l	0.017		mg/l				0.1		mg/l	0.092		mg/l
Beryllium																								
Cadmium	0.004		mg/l	0.0023	U	mg/l				0.006		mg/l	0.0034		mg/l				0.008		mg/l	0.0023	U	mg/l
Calcium																								
Chromium	0.016		mg/l	0.0076		mg/l				0.013	U	mg/l	0.0072		mg/l				0.013	U	mg/l	0.0044	U	mg/l
Cobalt																								
Copper	0.035	U	mg/l	0.016		mg/l				0.044		mg/l	0.018		mg/l				0.035	U	mg/l	0.014		mg/l
Cyanide																								
Iron	0.012	U	mg/l	0.0037	U	mg/l				0.012	U	mg/l	0.008		mg/l				0.012	U	mg/l	0.0037	U	mg/l
Lead	0.015	U	mg/l							0.015	U	mg/l							0.015	U	mg/l			
Lithium																								
Magnesium																								
Manganese	0.004		mg/l	0.0029		mg/l				0.007		mg/l	0.0038		mg/l				0.007		mg/l	0.0024		mg/l
Mercury							0.005	U	mg/l							0.005	U	mg/l						
Molybdenum																								
Nickel	0.02	U	mg/l	0.019		mg/l				0.02	U	mg/l	0.022		mg/l				0.03		mg/l	0.007	U	mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.003	U	mg/l	0.0025	U	mg/l				0.003	U	mg/l	0.0025	U	mg/l				0.003	U	mg/l	0.0025	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF8134			SF8221			SF8221			SF8221			SF8222			SF8222			SF8222			SF8223		
Location Cross Ref.	B8059704			B7309701			B7309701			B7309701			B8059702			B8059702			B8059702			B8069702		
Location Type	Wetlands/Marsh			Adit			Adit			Adit			Adit			Adit			Adit			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187876			187963			187963			187963			187964			187964			187964			187965		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7470			6010			D6010			7470			6010			D6010			7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							0.089	U	mg/l							0.089	U	mg/l						
Antimony																								
Arsenic				0.041		mg/l							0.029	U	mg/l							0.029	U	mg/l
Barium				0.069		mg/l	0.061		mg/l				0.21		mg/l	0.17		mg/l				0.43		mg/l
Beryllium																								
Cadmium				0.005		mg/l	0.0025		mg/l				0.008		mg/l	0.0023	U	mg/l				0.007		mg/l
Calcium																								
Chromium				0.013	U	mg/l	0.0045		mg/l				0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l
Cobalt																								
Copper				0.035	U	mg/l	0.016		mg/l				0.035	U	mg/l	0.015		mg/l				0.035	U	mg/l
Cyanide																								
Iron				0.012	U	mg/l	0.0037	U	mg/l				0.22		mg/l	0.05		mg/l				0.012	U	mg/l
Lead				0.015	U	mg/l							0.015	U	mg/l							0.015	U	mg/l
Lithium																								
Magnesium																								
Manganese				0.003		mg/l	0.003		mg/l				0.34		mg/l	0.27		mg/l				0.006		mg/l
Mercury	0.005	U	mg/l							0.005	U	mg/l							0.005	U	mg/l			
Molybdenum																								
Nickel				0.02	U	mg/l	0.018		mg/l				0.04		mg/l	0.007	U	mg/l				0.03		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.003	U	mg/l	0.0025	U	mg/l				0.003	U	mg/l	0.0025	U	mg/l				0.003	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 1 - Upper South Fork - segment UpperSFCDRSeg01

Site Location	SF8223			SF8223			SF8224			SF8224			SF8224			SF8252			SF8252			SF8252		
Location Cross Ref.	B8069702			B8069702			B8079703			B8079703			B8079703			K09019701			K09019701			K09019701		
Location Type	River/Stream			River/Stream			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187965			187965			187966			187966			187966			187994			187994			187994		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			7470			6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.089	U	mg/l							0.089	U	mg/l							0.17		mg/l			
Antimony																								
Arsenic							0.029	U	mg/l							0.029	U	mg/l						
Barium	0.38		mg/l				0.082		mg/l	0.069		mg/l				0.39		mg/l	0.37		mg/l			
Beryllium																								
Cadmium	0.0023	U	mg/l				0.008		mg/l	0.0023	U	mg/l				0.003	U	mg/l	0.0044		mg/l			
Calcium																								
Chromium	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.013		mg/l			
Cobalt																								
Copper	0.013		mg/l				0.035	U	mg/l	0.013		mg/l				0.035	U	mg/l	0.008	U	mg/l			
Cyanide																								
Iron	0.0037	U	mg/l				0.012	U	mg/l	0.014		mg/l				0.012	U	mg/l	0.012		mg/l			
Lead							0.015	U	mg/l							0.015	U	mg/l						
Lithium																								
Magnesium																								
Manganese	0.003		mg/l				0.007		mg/l	0.003		mg/l				0.005		mg/l	0.005		mg/l			
Mercury				0.005	U	mg/l							0.005	U	mg/l							0.005	U	mg/l
Molybdenum																								
Nickel	0.007	U	mg/l				0.03		mg/l	0.007	U	mg/l				0.02	U	mg/l	0.027		mg/l			
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.0025	U	mg/l				0.003		mg/l	0.0025	U	mg/l				0.01		mg/l	0.0025	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	CUA07711		CUA07712		CUA07712		CUA07713		CUA07714		CUA07715		LC50		LC50	
Location Cross Ref.	77-11S/W.5		77-12S/W.5		77-12S/W.5		77-13S/W.5		77-14S/W.5		77-15S/W.5		USGS CATALDO		USGS CATALDO	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(7) IDEQ/OTHER		(7) IDEQ/OTHER	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47722		47723		47727		47724		47725		47726		210150		210151	
Sample Date	08/13/1998		08/13/1998		08/13/1998		08/13/1998		08/13/1998		08/13/1998		12/09/1992		01/20/1993	
Sample Type	Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	360	ug/l	1800	ug/l	840	ug/l	1100	ug/l	240	ug/l	8800	ug/l				
Antimony	7.3	ug/l	17	ug/l	11	ug/l	9.9	ug/l	9.2	ug/l	37	ug/l				
Arsenic	3.6 J	ug/l	27	ug/l	13	ug/l	7.2	ug/l	11	ug/l	130 J	ug/l				
Barium	58 J	ug/l	97 J	ug/l	88 J	ug/l	78 J	ug/l	55 J	ug/l	340	ug/l				
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l				
Cadmium	12	ug/l	26	ug/l	19	ug/l	13	ug/l	13	ug/l	84	ug/l	3.8	ug/l	3.8	ug/l
Calcium	33000	ug/l	34000	ug/l	41000	ug/l	33000	ug/l	34000	ug/l	37000	ug/l				
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	13	ug/l				
Cobalt	5 U	ug/l	9.6 J	ug/l	5.2 J	ug/l	5 U	ug/l	5 U	ug/l	24	ug/l				
Copper	5.9 J	ug/l	56	ug/l	24	ug/l	15	ug/l	5.8 J	ug/l	240	ug/l				
Cyanide																
Iron	3100	ug/l	16000	ug/l	8500	ug/l	8100	ug/l	2900	ug/l	81000	ug/l				
Lead	85 J	ug/l	2800	ug/l	1100	ug/l	470	ug/l	450	ug/l	13000 J	ug/l	2.5	ug/l	3	ug/l
Lithium																
Magnesium	12000	ug/l	12000	ug/l	15000	ug/l	12000	ug/l	12000	ug/l	16000	ug/l				
Manganese	860	ug/l	3000	ug/l	2000	ug/l	1300	ug/l	1100	ug/l	9500	ug/l				
Mercury	0.2 U	ug/l	1.5 J	ug/l	0.36 J	ug/l	0.2	ug/l	0.2 U	ug/l	4.6	ug/l				
Molybdenum																
Nickel	5 U	ug/l	5.9 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	20 J	ug/l				
Potassium	1600	ug/l	1700	ug/l	2000	ug/l	1700	ug/l	1500	ug/l	2500	ug/l				
Selenium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	2.3 J	ug/l				
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	19	ug/l				
Sodium	5700	ug/l	5500	ug/l	6700	ug/l	5400	ug/l	5500	ug/l	6100	ug/l				
Strontium																
Sulfur																
Thallium	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l				
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	13	ug/l				
Zinc	2100	ug/l	3300	ug/l	2700	ug/l	2200	ug/l	2100	ug/l	9900	ug/l	670	ug/l	810	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210152			210153			210154			210155			210156			210157			210158			210159		
Sample Date	02/23/1993			03/09/1993			03/23/1993			04/05/1993			04/21/1993			05/03/1993			05/18/1993			06/01/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.9		ug/l	3.8		ug/l	4.8		ug/l	0.97		ug/l	0.97		ug/l	1.9		ug/l	1.9		ug/l	1.9		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	2.5		ug/l	2.8		ug/l	8.4		ug/l	6.5		ug/l	3.9		ug/l	6.2		ug/l	6.8		ug/l	3.9		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	540		ug/l	380		ug/l	290		ug/l	140		ug/l	130		ug/l	140		ug/l	200		ug/l	270		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210160			210161			210162			210163			210164			210165			210166			210167		
Sample Date	06/22/1993			07/20/1993			08/24/1993			09/22/1993			10/21/1993			11/19/1993			12/14/1993			01/19/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.9		ug/l	2.9		ug/l	1.9		ug/l	2.9		ug/l	2.9		ug/l	2.9		ug/l	3.8		ug/l	3.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	3.9		ug/l	3.4		ug/l	3.2		ug/l	3.7		ug/l	3		ug/l	3.4		ug/l	3.7		ug/l	3		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	420		ug/l	340		ug/l	430		ug/l	590		ug/l	51		ug/l	640		ug/l	590		ug/l	340		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210168			210169			210170			210171			210172			210173			210174			210175		
Sample Date	02/15/1994			03/06/1994			03/16/1994			04/05/1994			04/13/1994			04/19/1994			05/11/1994			06/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.9		ug/l	1.9		ug/l	1.9		ug/l	0.97		ug/l	0.02		ug/l	0.97		ug/l	0.02		ug/l	1.9		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	2.5		ug/l	6.2		ug/l	4.2		ug/l	5.1		ug/l	4.8		ug/l	9.7		ug/l	3.2		ug/l	2.7		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	500		ug/l	200		ug/l	250		ug/l	130		ug/l	130		ug/l	170		ug/l	100		ug/l	380		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210176			210177			210178			210179			210180			210181			210182			210183		
Sample Date	07/21/1994			08/17/1994			09/21/1994			10/06/1994			11/22/1994			12/16/1994			01/12/1995			02/16/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.9		ug/l	2.9		ug/l	2.9		ug/l	2.6		ug/l	3.4		ug/l	2.7		ug/l	2.3		ug/l	1.3		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	2.7		ug/l	4.2		ug/l	3.2		ug/l	1.5		ug/l	1.5		ug/l	1.5		ug/l	1.5		ug/l	3		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	630		ug/l	590		ug/l	670		ug/l	640		ug/l	600		ug/l	510		ug/l	210		ug/l	250		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210184			210185			210186			210187			210188			210189			210190			210191		
Sample Date	03/07/1995			03/23/1995			04/14/1995			04/25/1995			05/11/1995			05/24/1995			06/12/1995			06/28/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.3		ug/l	1.9		ug/l	1.7		ug/l	1.5		ug/l	2.6		ug/l	1.8		ug/l	1.6		ug/l	1.6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1.5		ug/l	4		ug/l	4		ug/l	5		ug/l	5		ug/l	4		ug/l	6		ug/l	4		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	250		ug/l	200		ug/l	190		ug/l	180		ug/l	170		ug/l	230		ug/l	260		ug/l	320		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210192			210193			210194			210195			210196			210197			210198			210199		
Sample Date	07/12/1995			07/26/1995			08/15/1995			09/14/1995			10/18/1995			11/21/1995			12/28/1995			01/18/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2		ug/l	2.2		ug/l	2.4		ug/l	2.5		ug/l	2.4		ug/l	1.5		ug/l	2.3		ug/l	1.4		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	6		ug/l	3		ug/l	1.5		ug/l	3		ug/l	8		ug/l	3		ug/l	4		ug/l	3		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	400		ug/l	490		ug/l	550		ug/l	630		ug/l	360		ug/l	230		ug/l	370		ug/l	170		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210200			210201			210202			210203			210204			210205			210206			210207		
Sample Date	02/28/1996			03/27/1996			04/18/1996			05/09/1996			06/20/1996			07/23/1996			08/21/1996			09/26/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.8		ug/l	1.4		ug/l	0.88		ug/l	1.5		ug/l	1.8		ug/l	2.5		ug/l	3		ug/l	2.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	8		ug/l	3		ug/l	3		ug/l	3		ug/l	5		ug/l	3		ug/l	1.5		ug/l	4		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	460		ug/l	260		ug/l	190		ug/l	290		ug/l	390		ug/l	700		ug/l	800		ug/l	630		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186013			186013			186017			186017			186033			186033			186050			186050		
Sample Date	10/29/1996			10/29/1996			11/26/1996			11/26/1996			12/13/1996			12/13/1996			01/29/1997			01/29/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.003		mg/l	0.0029		mg/l	0.0041		mg/l	0.0041		mg/l	0.0053		mg/l	0.0056		mg/l	0.0022		mg/l	0.0021		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.009		mg/l	0.00015		mg/l	0.009		mg/l	0.003		mg/l	0.015		mg/l	0.005		mg/l	0.008		mg/l	0.004		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.59		mg/l	0.59		mg/l	0.67		mg/l	0.68		mg/l	0.54		mg/l	0.55		mg/l	0.43		mg/l	0.41		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186066			186066			186086			186086			186106			186106			186126			186146		
Sample Date	02/21/1997			02/21/1997			03/26/1997			03/26/1997			04/16/1997			04/16/1997			05/16/1997			06/24/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0027		mg/l	0.0026		mg/l	0.0017		mg/l	0.0017		mg/l	0.0012		mg/l	0.0011		mg/l	1.7		ug/l	0.0013		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.021		mg/l	0.006		mg/l	0.027		mg/l	0.005		mg/l	0.02		mg/l	0.003		mg/l	360		ug/l	0.022		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.34		mg/l	0.34		mg/l	0.24		mg/l	0.24		mg/l	0.22		mg/l	0.19		mg/l	310		ug/l	0.26		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186146			186166			186166			186186			186186			186206			186206			186226		
Sample Date	06/24/1997			07/24/1997			07/24/1997			08/13/1997			08/13/1997			09/03/1997			09/03/1997			10/16/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0013		mg/l	0.0021		mg/l	0.002		mg/l	0.0025		mg/l	0.0025		mg/l	0.0031		mg/l	0.0031		mg/l	0.0031		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.006		mg/l	0.013		mg/l	0.004		mg/l	0.009		mg/l	0.004		mg/l	0.014		mg/l	0.003		mg/l	0.008		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.27		mg/l	0.44		mg/l	0.45		mg/l	0.62		mg/l	0.63		mg/l	0.65		mg/l	0.66		mg/l	0.55		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186226			186246			186246			186265			186265			186284			186284			186303		
Sample Date	10/16/1997			11/24/1997			11/24/1997			12/17/1997			12/17/1997			01/21/1998			01/21/1998			02/25/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0048		mg/l	0.0021		mg/l	0.0019		mg/l	0.0037		mg/l	0.0033		mg/l	0.0026		mg/l	0.0026		mg/l	0.0018		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.0015		mg/l	0.011		mg/l	0.003		mg/l	0.046		mg/l	0.004		mg/l	0.01		mg/l	0.0015		mg/l	0.007		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.55		mg/l	0.35		mg/l	0.35		mg/l	0.43		mg/l	0.4		mg/l	0.41		mg/l	0.4		mg/l	0.27		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186303			186322			186322			186341			186341			202232			202232			202252		
Sample Date	02/25/1998			03/19/1998			03/19/1998			04/23/1998			04/23/1998			05/28/1998			05/28/1998			06/24/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0017		mg/l	0.0012		mg/l	0.0011		mg/l	0.0011		mg/l	0.0007		mg/l	1.2		ug/l	1.2		ug/l	1.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.0015		mg/l	0.015		mg/l	0.003		mg/l	0.046		mg/l	0.003		mg/l	37		ug/l	6		ug/l	7		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.28		mg/l	0.2		mg/l	0.17		mg/l	0.15		mg/l	0.13		mg/l	160		ug/l	150		ug/l	310		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50		LC50		LC50		LC50		LC50		LC50		LC50		LC50	
Location Cross Ref.	USGS CATALDO		USGS CATALDO		USGS CATALDO		USGS CATALDO		USGS CATALDO		USGS CATALDO		USGS CATALDO		USGS CATALDO	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	202252		202273		202273		202293		202293		202374		202374		187011	
Sample Date	06/24/1998		07/27/1998		07/27/1998		08/25/1998		08/25/1998		09/23/1998		09/23/1998		10/22/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1.8	ug/l	2.8	ug/l	2.8	ug/l	2.8	ug/l	2.8	ug/l	3	ug/l	3	ug/l	3	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	3	ug/l	7	ug/l	3	ug/l	8	ug/l	3 U	ug/l	7	ug/l	3	ug/l	6	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	280	ug/l	520	ug/l	510	ug/l	550	ug/l	540	ug/l	620	ug/l	610	ug/l	630	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187011			202424			202424			187012			187012			202443			202443			187013		
Sample Date	10/22/1998			10/26/1998			10/26/1998			11/18/1998			11/18/1998			11/24/1998			11/24/1998			12/15/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	3.5		ug/l	3		ug/l	2.9		ug/l	3		ug/l	3.1		ug/l	3.3		ug/l	3.3		ug/l	2	UJ	ug/l
Calcium	14000		ug/l										9200		ug/l									
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	2.5		ug/l	9		ug/l	3		ug/l	9		ug/l	1.1		ug/l	12		ug/l	3	U	ug/l	8		ug/l
Lithium																								
Magnesium	5200		ug/l										3300		ug/l									
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	650		ug/l	610		ug/l	590		ug/l	450		ug/l	460		ug/l	380		ug/l	370		ug/l	250		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187013			187014			187014			202458			202458			202479			202479			187015		
Sample Date	12/15/1998			12/15/1998			12/15/1998			01/04/1999			01/04/1999			01/14/1999			01/14/1999			01/27/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.5		ug/l	2	UJ	ug/l	1.8		ug/l	1.8		ug/l	2.1		ug/l	1.4		ug/l	1.6		ug/l	2		ug/l
Calcium	6600		ug/l				6900		ug/l															
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1		ug/l	9		ug/l	1		ug/l	7		ug/l	3	U	ug/l	7		ug/l	3	U	ug/l	4		ug/l
Lithium																								
Magnesium	2400		ug/l				2500		ug/l															
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	250		ug/l	250		ug/l	240		ug/l	220		ug/l	220		ug/l	240		ug/l	230		ug/l	270		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187015			187016			187016			202500			202500			187017			187017			187018		
Sample Date	01/27/1999			02/09/1999			02/09/1999			02/23/1999			02/23/1999			03/09/1999			03/09/1999			03/09/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.7		ug/l	3		ug/l	2.8		ug/l	2.7		ug/l	2.8		ug/l	2		ug/l	2		ug/l	1		ug/l
Calcium	6400		ug/l				6800		ug/l										6600		ug/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1.1		ug/l	5		ug/l	1.1		ug/l	10		ug/l	3		ug/l	5		ug/l	1.3		ug/l	1		ug/l
Lithium																								
Magnesium	2400		ug/l				2500		ug/l										2400		ug/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																			490		ug/l			
Selenium																								
Silicon																								
Silver																								
Sodium																			1800		ug/l			
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	280		ug/l	330		ug/l	330		ug/l	350		ug/l	340		ug/l	280		ug/l	290		ug/l	65		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187019			187020			187020			187021			187021			187022			187022			187022		
Sample Date	03/09/1999			04/13/1999			04/13/1999			05/10/1999			05/10/1999			05/25/1999			05/25/1999			05/25/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1		ug/l	1	UJ	ug/l	1.2		ug/l	1		ug/l	1		ug/l	2		ug/l	1	U	ug/l			
Calcium							6000		ug/l				4500		ug/l							3.4		mg/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																						2.2		mg/l
Lead	1		ug/l	6		ug/l	1		ug/l	10		ug/l	1.2		ug/l	230		ug/l	3.2		ug/l			
Lithium																								
Magnesium							2200		ug/l				1700		ug/l							1.1		mg/l
Manganese																						0.21		mg/l
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium													1200		ug/l							0.86		mg/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	20		ug/l	200		ug/l	190		ug/l	110		ug/l	110		ug/l	210		ug/l	67		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187022			187023			187023			187024			202168			202168			202168			202169		
Sample Date	05/25/1999			06/08/1999			06/08/1999			06/08/1999			07/13/1999			07/13/1999			07/13/1999			08/11/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			D6010			D6010			6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				1		ug/l	1		ug/l	1		ug/l				1.7		ug/l	2		ug/l			
Calcium							4700		ug/l				7.5		mg/l							9.9		mg/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron	14		ug/l																					
Lead				16		ug/l	1.8		ug/l	1		ug/l				9.3		ug/l	3		ug/l			
Lithium																								
Magnesium							1600		ug/l				2.4		mg/l							3.3		mg/l
Manganese	20		ug/l																					
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium							1100		ug/l				1.6		mg/l							2.5		mg/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				130		ug/l	130		ug/l	110		ug/l				250		ug/l	250		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50			LC50			LC50			LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202169			202169			202170			202170			202170			202171			202171			202171		
Sample Date	08/11/1999			08/11/1999			09/01/1999			09/01/1999			09/01/1999			09/22/1999			09/22/1999			09/22/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			D6010			6010			D6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.4		ug/l	2		ug/l				2.8		ug/l	3		ug/l				2.9		ug/l	3		ug/l
Calcium							11		mg/l							13		mg/l						
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	7.1		ug/l	3		ug/l				7		ug/l	3		ug/l				5.7		ug/l	2		ug/l
Lithium																								
Magnesium							3.8		mg/l							4.5		mg/l						
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium							2.9		mg/l							3		mg/l						
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	360		ug/l	370		ug/l				460		ug/l	480		ug/l				540		ug/l	530		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - Main Stem Coeur d`Alene - segment MidGradSeg04

Site Location	LC50			LC50			LC50		
Location Cross Ref.	USGS CATALDO			USGS CATALDO			USGS CATALDO		
Location Type	River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-		
Sample Number	202172			202172			202172		
Sample Date	10/20/1999			10/20/1999			10/20/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium				2.9		ug/l	3		ug/l
Calcium	14		mg/l						
Chromium									
Cobalt									
Copper									
Cyanide									
Iron									
Lead				4.9		ug/l	1		ug/l
Lithium									
Magnesium	4.7		mg/l						
Manganese									
Mercury									
Molybdenum									
Nickel									
Potassium									
Selenium									
Silicon									
Silver									
Sodium	2.6		mg/l						
Strontium									
Sulfur									
Thallium									
Titanium									
Uranium									
Vanadium									
Zinc				500		ug/l	540		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF1		NF1		NF1		NF1		NF1		NF1		NF1		NF1	
Location Cross Ref.	NF01		NF01		NF01		NF01		NF01		NF01		NF01		NF01	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(2) URS/MEL		(2) URS/LAUCKS		(3) URS/SOUND		(3) URS/SOUND		(3) URS/SOUND		(3) URS/SOUND		(3) URS/SOUND		(3) URS/SOUND	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	168400		168400		46333		46333		46334		46334		46649		46649	
Sample Date	11/12/1997		11/12/1997		05/07/1998		05/07/1998		05/07/1998		05/07/1998		05/19/1998		05/19/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	20 U	ug/l	48 U	ug/l	3 J	ug/l	31 J	ug/l	2.7 J	ug/l	22 J	ug/l	1.2 UJ	ug/l	18 J	ug/l
Antimony	0.5 U	ug/l	0.13 U	ug/l	0.032 U	ug/l	0.032 U	ug/l	0.032 U	ug/l	0.032 U	ug/l	0.077 U	ug/l	0.032 U	ug/l
Arsenic	0.16	ug/l	0.16 U	ug/l	0.23 U	ug/l	0.23 U	ug/l	0.23 U	ug/l	0.23 U	ug/l	0.23 U	ug/l	0.23 U	ug/l
Barium	12	ug/l	13 J	ug/l	9.5 J	ug/l	9.3 J	ug/l	9.1 J	ug/l	8.8 J	ug/l	14 J	ug/l	15 J	ug/l
Beryllium	1 U	ug/l	0.35 U	ug/l	0.11 U	ug/l	0.11 U	ug/l	0.11 U	ug/l	0.11 U	ug/l	0.11 U	ug/l	0.11 U	ug/l
Cadmium	0.04 U	ug/l	0.069 U	ug/l	0.042 U	ug/l	0.042 U	ug/l	0.042 U	ug/l	0.042 U	ug/l	0.041 U	ug/l	0.041 U	ug/l
Calcium	3900	ug/l	4300	ug/l	3000 J	ug/l	3000 J	ug/l	3000 J	ug/l	3000 J	ug/l	4200 J	ug/l	4200 J	ug/l
Chromium	5 U	ug/l	6 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	0.023 U	ug/l	0.023 U	ug/l	0.023 U	ug/l	0.023 U	ug/l	0.023 U	ug/l	0.023 U	ug/l
Copper	0.5 U	ug/l	0.84 J	ug/l	0.044 U	ug/l	0.44 U	ug/l	0.44 U	ug/l	0.44 U	ug/l	0.44 U	ug/l	0.44 U	ug/l
Cyanide																
Iron	10 U	ug/l	16 U	ug/l	16 J	ug/l	44 J	ug/l	14 J	ug/l	33 J	ug/l	30 J	ug/l	23 J	ug/l
Lead	0.1 U	ug/l	0.18 J	ug/l	0.41 J	ug/l	0.5 J	ug/l	0.11 U	ug/l	0.11 U	ug/l	0.11 U	ug/l	0.11 U	ug/l
Lithium																
Magnesium	1500	ug/l	1500	ug/l	1100 J	ug/l	1100 J	ug/l	1100 J	ug/l	1100 J	ug/l	1600 J	ug/l	1500 J	ug/l
Manganese	1 U	ug/l	1.7 J	ug/l	1.6 J	ug/l	2.8 J	ug/l	1.5 J	ug/l	2.5 J	ug/l	1.4 J	ug/l	1.7 J	ug/l
Mercury	0.2 U	ug/l	0.1 U	ug/l	0.16 U	ug/l	0.16 U	ug/l	0.16 U	ug/l	0.16 U	ug/l	0.16 U	ug/l	0.16 U	ug/l
Molybdenum																
Nickel	0.3 U	ug/l	5 U	ug/l	0.22 U	ug/l	0.22 U	ug/l	0.22 U	ug/l	0.22 U	ug/l	0.23 U	ug/l	0.23 U	ug/l
Potassium	700 U	ug/l	480 J	ug/l	1600 U	ug/l	1600 U	ug/l	1600 U	ug/l	1600 U	ug/l	1600 UJ	ug/l	1600 U	ug/l
Selenium	1 U	ug/l	0.21 U	ug/l	1.3 U	ug/l	1.3 U	ug/l	1.3 U	ug/l	1.3 U	ug/l	1.3 U	ug/l	1.3 U	ug/l
Silicon																
Silver	0.03 U	ug/l	0.22 U	ug/l	0.042 U	ug/l	0.042 U	ug/l	0.042 U	ug/l	0.042 U	ug/l	0.042 UJ	ug/l	0.042 U	ug/l
Sodium	1200	ug/l	1200	ug/l	940 J	ug/l	980 J	ug/l	880 J	ug/l	890 J	ug/l	890 J	ug/l	920 J	ug/l
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.17 U	ug/l	0.058 U	ug/l	0.058 U	ug/l	0.058 U	ug/l	0.058 U	ug/l	0.058 U	ug/l	0.058 U	ug/l
Titanium																
Uranium																
Vanadium	3 U	ug/l	2 U	ug/l	0.19 J	ug/l	0.19 J	ug/l	0.14 J	ug/l	0.26 J	ug/l	0.11 U	ug/l	0.11 U	ug/l
Zinc	2.2	ug/l	12 U	ug/l	1.2 J	ug/l	1.4 J	ug/l	2.3 J	ug/l	0.91 U	ug/l	5.2 J	ug/l	5.7 J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF2			NF2			NF13			NF13			NF13			NF13			NF13			NF13		
Location Cross Ref.	NF02			NF02			NF13			NF13			NF13			NF13			NF13			NF13		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46576			46576			46577			46577			186801			186801			186802			186802		
Sample Date	05/16/1998			05/16/1998			05/16/1998			05/16/1998			10/20/1998			10/20/1998			11/18/1998			11/18/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	17	UJ	ug/l	13	UJ	ug/l	13	UJ	ug/l	12	UJ	ug/l												
Antimony	0.37	U	ug/l	0.22	U	ug/l	0.27	U	ug/l	0.19	U	ug/l												
Arsenic	0.24	J	ug/l	0.23	U	ug/l	0.23	U	ug/l	0.23	U	ug/l												
Barium	15	J	ug/l	15	J	ug/l	15	J	ug/l	15	J	ug/l												
Beryllium	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l												
Cadmium	0.041	U	ug/l	0.041	U	ug/l	0.041	U	ug/l	0.041	U	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Calcium	4000	J	ug/l	3100	J	ug/l	4500	J	ug/l	4600	J	ug/l				6100		ug/l				5500		ug/l
Chromium	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l												
Cobalt	0.034	UJ	ug/l	0.023	U	ug/l	0.023	U	ug/l	0.023	U	ug/l												
Copper	0.44	U	ug/l	0.44	U	ug/l	0.44	U	ug/l	0.44	U	ug/l												
Cyanide																								
Iron	56	J	ug/l	51	J	ug/l	54	J	ug/l	48	J	ug/l												
Lead	0.83	J	ug/l	0.82	J	ug/l	0.11	U	ug/l	0.22	J	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Lithium																								
Magnesium	1600	J	ug/l	1500	J	ug/l	1800	J	ug/l	1900	J	ug/l				2800		ug/l				2700		ug/l
Manganese	2.1	J	ug/l	2.1	J	ug/l	1.5	J	ug/l	1.9	J	ug/l												
Mercury	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l												
Molybdenum																								
Nickel	0.23	U	ug/l	0.23	U	ug/l	0.23	U	ug/l	0.23	U	ug/l												
Potassium	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l												
Selenium	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l												
Silicon																								
Silver	0.042	UJ	ug/l	0.042	U	ug/l	0.042	UJ	ug/l	0.042	U	ug/l												
Sodium	870	J	ug/l	1600	J	ug/l	850	J	ug/l	1100	J	ug/l												
Strontium																								
Sulfur																								
Thallium	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l												
Titanium																								
Uranium																								
Vanadium	0.22	U	ug/l	0.23	U	ug/l	0.25	U	ug/l	0.22	U	ug/l												
Zinc	15	J	ug/l	15	J	ug/l	5.3	J	ug/l	5.2	J	ug/l	10		ug/l	20	UJ	ug/l	10		ug/l	20	UJ	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF13	NF13	NF13	NF13	NF13	NF13	NF13	NF13
Location Cross Ref.	NF13	NF13	NF13	NF13	NF13	NF13	NF13	NF13
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	186803	186803	186804	186804	186805	186805	186806	186806
Sample Date	12/10/1998	12/10/1998	01/27/1999	01/27/1999	02/08/1999	02/08/1999	03/08/1999	03/08/1999
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	D6010	6010	D6010	6010	D6010	6010	D6010

Analyte	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l
Calcium			4900	ug/l			4400	ug/l			4900	ug/l			4700	ug/l
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l
Lithium																
Magnesium			2300	ug/l			2100	ug/l			2300	ug/l			2200	ug/l
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	10	ug/l	20 UJ	ug/l	10	ug/l	20 UJ	ug/l	10	ug/l	20 UJ	ug/l	40	ug/l	20 UJ	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF13	NF13	NF13	NF13	NF13	NF13	NF13	NF13
Location Cross Ref.	NF13	NF13	NF13	NF13	NF13	NF13	NF13	NF13
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	186807	186807	186808	186809	186809	186810	202098	202098
Sample Date	04/15/1999	04/15/1999	05/10/1999	05/24/1999	05/24/1999	06/01/1999	07/13/1999	07/13/1999
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Field Duplicate	Field Duplicate
Analytical Method	6010	D6010	D6010	6010	D6010	D6010	D6010	6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium	1 UJ ug/l	1 UJ ug/l	1 UJ ug/l		1 U ug/l	1 UJ ug/l		0.1 U ug/l
Calcium		4200 ug/l	3800 ug/l		3000 ug/l	3200 ug/l	5.2 mg/l	
Chromium								
Cobalt								
Copper								
Cyanide								
Iron				610 ug/l	13 ug/l			
Lead	1 UJ ug/l	1 UJ ug/l	1 UJ ug/l	1 ug/l	1 U ug/l	1 UJ ug/l		0.1 U ug/l
Lithium								
Magnesium		2000 ug/l	1800 ug/l		1300 ug/l	1500 ug/l	2.4 mg/l	
Manganese				25 ug/l	2 ug/l			
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium			910 ug/l		800 ug/l	0.81 ug/l	0.94 mg/l	
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc	40 ug/l	20 UJ ug/l	1.6 UJ ug/l		1 U ug/l	1 UJ ug/l		1 U ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF13			NF13			NF13			NF13			NF13			NF13		
Location Cross Ref.	NF13			NF13			NF13			NF13			NF13			NF13		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	202098			202099			202099			202099			202100			202100		
Sample Date	07/13/1999			08/12/1999			08/12/1999			08/12/1999			09/08/1999			09/08/1999		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			6010			D6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	1	U	ug/l				0.1	U	ug/l	1	U	ug/l				0.1	U	ug/l
Calcium				6.3		mg/l							6.1		mg/l			
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	1	U	ug/l				0.1	U	ug/l	1	U	ug/l				0.1	U	ug/l
Lithium																		
Magnesium				2.9		mg/l							2.9		mg/l			
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium				1.1		mg/l							1		mg/l			
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	1		ug/l				1	U	ug/l	1	U	ug/l				1	U	ug/l

Site Location	NF13			NF13			NF13			NF50		
Location Cross Ref.	NF13			NF13			NF13			USGS ENAVILLE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(28) USGS/USGS					
Matrix Type	Surface Water			Surface Water			Surface Water					
Depth Range in Ft.	-			-			-					
Sample Number	202100			202100			221576					
Sample Date	09/08/1999			09/08/1999			03/21/1990					
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample					
Analytical Method	D6010			D6010			D6010					
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**			
Aluminum												
Antimony												
Arsenic							1	U	ug/l			
Barium												
Beryllium												
Cadmium				1	U	ug/l	1	U	ug/l			
Calcium												
Chromium												
Cobalt												
Copper							10	U	ug/l			
Cyanide												
Iron							13		ug/l			
Lead				1	U	ug/l	10	U	ug/l			
Lithium												
Magnesium												
Manganese							2		ug/l			
Mercury												
Molybdenum												
Nickel												
Potassium												
Selenium												
Silicon												
Silver							1	U	ug/l			
Sodium												
Strontium												
Sulfur												
Thallium												
Titanium												
Uranium												
Vanadium												
Zinc				1	U	ug/l	6		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF50			NF50			NF50			NF50			NF50			NF50			NF50			NF50		
Location Cross Ref.	USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	221577			221578			221583			221597			221607			221608			221611			221613		
Sample Date	05/16/1990			05/17/1990			09/18/1990			01/19/1992			11/18/1992			12/09/1992			02/23/1993			03/24/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			6010			D6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l				1	U	ug/l									
Barium																								
Beryllium																								
Cadmium	2		ug/l	2		ug/l	1	U	ug/l	1		ug/l	1		ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	3		ug/l	3		ug/l	1		ug/l				1		ug/l				1	U	ug/l	5		ug/l
Cyanide																								
Iron	29		ug/l	29		ug/l	12		ug/l				14		ug/l									
Lead	1		ug/l	1		ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	17		ug/l
Lithium																								
Magnesium																								
Manganese	4		ug/l	4		ug/l	2		ug/l				2		ug/l									
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver	4		ug/l	4		ug/l	1	U	ug/l				1	U	ug/l									
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	19		ug/l	19		ug/l	11		ug/l	10		ug/l	12		ug/l	10	U	ug/l	10		ug/l	40		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF50			NF50			NF50			NF50			NF50			NF50			NF50			NF50		
Location Cross Ref.	USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	221613			221614			221615			221618			221620			221622			221622			221623		
Sample Date	03/24/1993			03/24/1993			04/06/1993			04/20/1993			05/04/1993			05/20/1993			05/20/1993			05/20/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			6010			6010			6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	1	U	ug/l																1	U	ug/l			
Barium																								
Beryllium																								
Cadmium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	1		ug/l	5		ug/l	6		ug/l	4		ug/l	5		ug/l	3		ug/l	3		ug/l	3		ug/l
Cyanide																								
Iron	24		ug/l																11		ug/l			
Lead	1		ug/l	17		ug/l	3		ug/l	1		ug/l	3		ug/l	4		ug/l	2		ug/l	4		ug/l
Lithium																								
Magnesium																								
Manganese	3		ug/l																4		ug/l			
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver	1	U	ug/l																1	U	ug/l			
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	20		ug/l	40		ug/l	30		ug/l	10		ug/l	10		ug/l	20		ug/l	23		ug/l	20		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF50	NF50	NF50	NF50	NF50	NF50	NF50	NF50
Location Cross Ref.	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	221624	221626	221628	221629	221631	221632	221632	221633
Sample Date	06/03/1993	06/22/1993	07/21/1993	07/21/1993	08/25/1993	09/21/1993	09/21/1993	09/21/1993
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	6010	6010	6010	6010	6010	D6010	6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic							1 U ug/l	
Barium								
Beryllium								
Cadmium	1 U ug/l	1 U ug/l	1 U ug/l	1 U ug/l	1 U ug/l	1 U ug/l	1 U ug/l	1 U ug/l
Calcium								
Chromium								
Cobalt								
Copper	3 ug/l	3 ug/l	3 ug/l	3 ug/l	1 U ug/l	4 ug/l	4 ug/l	4 ug/l
Cyanide								
Iron							8 ug/l	
Lead	2 ug/l	1 U ug/l	1 ug/l	1 ug/l	1 U ug/l	1 U ug/l	1 U ug/l	1 U ug/l
Lithium								
Magnesium								
Manganese							2 ug/l	
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver							1 U ug/l	
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc	20 ug/l	20 ug/l	20 ug/l	20 ug/l	10 U ug/l	10 U ug/l	13 ug/l	10 U ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF50	NF50	NF50	NF50	NF50	NF50	NF50	NF50
Location Cross Ref.	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	221634	221635	221636	221637	221638	221639	221640	221641
Sample Date	10/18/1993	11/17/1993	12/16/1993	01/19/1994	02/15/1994	03/06/1994	03/15/1994	04/04/1994
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	6010	6010	6010	6010	6010	6010	6010

Analyte	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper	1 U	ug/l	1	ug/l	1	ug/l	1	ug/l	3	ug/l	2	ug/l	1 U	ug/l	14	ug/l
Cyanide																
Iron																
Lead	1 U	ug/l	2	ug/l	2	ug/l	1	ug/l	1	ug/l	2	ug/l	3	ug/l	2	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	10	ug/l	20	ug/l	30	ug/l	20	ug/l	30	ug/l	10	ug/l	10	ug/l	10 U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF50			NF50			NF50			NF50			NF50			NF50			NF50			NF50		
Location Cross Ref.	USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	221642			221643			221644			221645			221646			221647			221653			221653		
Sample Date	04/21/1994			05/10/1994			06/15/1994			07/21/1994			08/17/1994			09/20/1994			11/12/1996			11/12/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	1		ug/l	1	U	ug/l	1		ug/l	1		ug/l	1	U	ug/l	7		ug/l						
Cyanide																								
Iron																								
Lead	1	U	ug/l	1		ug/l	1		ug/l	1	U	ug/l	8		ug/l	2		ug/l	1	U	ug/l	1	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	10	U	ug/l	10	U	ug/l	10		ug/l	10		ug/l	30		ug/l	70		ug/l	10	U	ug/l	3		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF50			NF50			NF50			NF50			NF50			NF50			NF50			NF50		
Location Cross Ref.	USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	221654			221654			221655			221655			221656			221656			221657			221657		
Sample Date	03/09/1997			03/09/1997			03/13/1997			03/13/1997			04/16/1997			04/16/1997			04/28/1997			04/28/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	14		ug/l	1	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	10	U	ug/l	20	U	ug/l	10	U	ug/l	3	U	ug/l	10	U	ug/l	3	U	ug/l	17		ug/l	9		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF50	NF50	NF50	NF50	NF50	NF50	NF50	NF50
Location Cross Ref.	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE	USGS ENAVILLE
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS	(28) USGS/USGS
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	221658	221658	221659	221659	221660	221660	221661	221661
Sample Date	06/04/1997	06/04/1997	07/24/1997	07/24/1997	09/19/1997	09/19/1997	02/06/1998	02/06/1998
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	D6010	6010	D6010	6010	D6010	6010	D6010

Analyte	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	10 U	ug/l	5.6	ug/l	10 U	ug/l	7.4	ug/l	10 U	ug/l	3.7	ug/l	10 U	ug/l	20 U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF50			NF50			NF50			NF50			NF50			NF50			NF50			NF50		
Location Cross Ref.	USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	221662			221662			221663			221663			221664			221664			221670			221670		
Sample Date	03/09/1998			03/09/1998			04/20/1998			04/20/1998			05/19/1998			05/19/1998			07/07/1998			07/07/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	10	U	ug/l	20	U	ug/l	10	U	ug/l	20	U	ug/l	18		ug/l	20	U	ug/l	11		ug/l	20	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF50		NF50		NF50		NF50		NF50		NF50		NF50		NF50	
Location Cross Ref.	USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	221674		221674		221675		221675		221676		221676		221677		221677	
Sample Date	10/20/1998		10/20/1998		11/17/1998		11/17/1998		12/15/1998		12/15/1998		01/27/1999		01/27/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	10 U	ug/l	20 U	ug/l	10 U	ug/l	7.6	ug/l	10 U	ug/l	20 U	ug/l	10 U	ug/l	20 U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF50			NF50			NF50			NF50			NF50			NF50			NF50			NF50		
Location Cross Ref.	USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	221678			221678			221679			221680			221680			221681			221681			221682		
Sample Date	02/08/1999			02/08/1999			03/02/1999			03/08/1999			03/08/1999			03/23/1999			03/23/1999			04/13/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																1	U	ug/l	1	U	ug/l			
Arsenic																1	U	ug/l	1	U	ug/l			
Barium																								
Beryllium																								
Cadmium	1	U	ug/l	1	U	ug/l				1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																10	U	ug/l	1	U	ug/l			
Cyanide																								
Iron							6.3		ug/l							290		ug/l	6.5		ug/l			
Lead	1	U	ug/l	1	U	ug/l				1	U	ug/l	1	U	ug/l	2		ug/l	1	U	ug/l	1	U	ug/l
Lithium																								
Magnesium																								
Manganese							1.6		ug/l							11		ug/l	1.4		ug/l			
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																1	U	ug/l	1	U	ug/l			
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	10	U	ug/l	20	U	ug/l				40	U	ug/l	20	U	ug/l	29		ug/l	6.4		ug/l	40	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF50			NF50			NF50			NF50			NF50			NF50			NF50			NF50		
Location Cross Ref.	USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE			USGS ENAVILLE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS			(28) USGS/USGS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	221682			221683			221683			221684			221684			221685			221685			221686		
Sample Date	04/13/1999			04/20/1999			04/20/1999			05/06/1999			05/06/1999			05/20/1999			05/20/1999			05/25/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																1	U	ug/l	1	U	ug/l	1	U	ug/l
Arsenic																1	U	ug/l	1	U	ug/l	1.7		ug/l
Barium																								
Beryllium																								
Cadmium	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																6.6		ug/l	1	U	ug/l	8.5		ug/l
Cyanide																								
Iron										73		ug/l	5.2		ug/l	110		ug/l	17		ug/l	1100		ug/l
Lead	1	U	ug/l	3		ug/l	1	U	ug/l	0.78		ug/l	1	U	ug/l	4		ug/l	1	U	ug/l	11		ug/l
Lithium																								
Magnesium																								
Manganese										3.9		ug/l	1.3		ug/l	7.5		ug/l	1.1		ug/l	49		ug/l
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																1	U	ug/l	1	U	ug/l	1	U	ug/l
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	20	U	ug/l	40	U	ug/l	20	U	ug/l	6.9		ug/l	4.2		ug/l	84		ug/l	66		ug/l	40	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF50		NF50		NF50		NF50		NF50		NF50		NF50		NF50	
Location Cross Ref.	USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	221686		221687		221687		221688		221688		221689		221689		221690	
Sample Date	05/25/1999		05/27/1999		05/27/1999		06/02/1999		06/02/1999		06/29/1999		06/29/1999		07/13/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony	1 U	ug/l									1 U	ug/l	1 U	ug/l		
Arsenic	1 U	ug/l									1 U	ug/l	1 U	ug/l		
Barium																
Beryllium																
Cadmium	1 U	ug/l	0.1 U	ug/l	1 U	ug/l	0.1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.1 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper	1 U	ug/l									12 U	ug/l	1 U	ug/l		
Cyanide																
Iron	15	ug/l	320	ug/l	9.1	ug/l	96	ug/l	7.8	ug/l	28	ug/l	7.9	ug/l	21	ug/l
Lead	1 U	ug/l	2.2	ug/l	1 U	ug/l	0.67	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.17	ug/l
Lithium																
Magnesium																
Manganese	4.8	ug/l	13	ug/l	2.2	ug/l	5	ug/l	1.7	ug/l	2.3	ug/l	1.6	ug/l	1.9	ug/l
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver	1 U	ug/l									1 U	ug/l	1 U	ug/l		
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	4.9	ug/l			4.3	ug/l	4.4	ug/l	4.4	ug/l	40 U	ug/l	5.5	ug/l	4.8	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF50		NF50		NF50		NF50		NF50		NF50		NF50		NF8107	
Location Cross Ref.	USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE		USGS ENAVILLE		K07299704	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS		(28) USGS/USGS		(13) IGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		0 - 0	
Sample Number	221690		221692		221692		221693		221693		221695		221695		187858	
Sample Date	07/13/1999		07/26/1999		07/26/1999		08/10/1999		08/10/1999		09/08/1999		09/08/1999		*	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony			1 U	ug/l	1 U	ug/l										
Arsenic			1 U	ug/l	1 U	ug/l										
Barium															0.006	mg/l
Beryllium																
Cadmium	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.1 U	ug/l	1 U	ug/l	0.1 U	ug/l	1 U	ug/l	0.006	mg/l
Calcium																
Chromium															0.013 U	mg/l
Cobalt																
Copper			12 U	ug/l	1 U	ug/l									0.035 U	mg/l
Cyanide																
Iron	5.2	ug/l	26	ug/l	5.5	ug/l	19	ug/l	6.2	ug/l	20	ug/l	5.2	ug/l	0.012 U	mg/l
Lead	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.14	ug/l	1 U	ug/l	0.1	ug/l	1 U	ug/l		
Lithium																
Magnesium																
Manganese	1.3	ug/l	1.9	ug/l	1.4	ug/l	2.1	ug/l	1.5	ug/l	1.8	ug/l	1.5	ug/l	0.003	mg/l
Mercury																
Molybdenum																
Nickel															0.02 U	mg/l
Potassium																
Selenium																
Silicon																
Silver			1 U	ug/l	1 U	ug/l										
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	4.9	ug/l	40 U	ug/l	3.6	ug/l	3.2	ug/l	3	ug/l	2.4	ug/l	2.7	ug/l	0.003 U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF8107			NF8137			NF8137			NF8137			NF8138			NF8138			NF8138			NF8139		
Location Cross Ref.	K07299704			K07249704			K07249704			K07249704			K07249705			K07249705			K07249705			K07249706		
Location Type	River/Stream			Adit			Adit			Adit			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	0 - 0			-			-			-			-			-			-			-		
Sample Number	187858			187879			187879			187879			187880			187880			187880			187881		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			7470			6010			D6010			7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.089	U	mg/l				0.089	U	mg/l							0.089	U	mg/l						
Antimony																								
Arsenic				0.065		mg/l							0.029	U	mg/l							0.029	U	mg/l
Barium	0.0056		mg/l	0.03		mg/l	0.033		mg/l				0.024		mg/l	0.023		mg/l				0.025		mg/l
Beryllium																								
Cadmium	0.0023	U	mg/l	0.005		mg/l	0.0023	U	mg/l				0.003	U	mg/l	0.0023	U	mg/l				0.003	U	mg/l
Calcium																								
Chromium	0.0066		mg/l	0.013	U	mg/l	0.0044	U	mg/l				0.017		mg/l	0.0044	U	mg/l				0.016		mg/l
Cobalt																								
Copper	0.02		mg/l	0.082		mg/l	0.088		mg/l				0.035	U	mg/l	0.0084	U	mg/l				0.035	U	mg/l
Cyanide																								
Iron	0.0037		mg/l	0.012	U	mg/l	0.0037	U	mg/l				0.012	U	mg/l	0.0037	U	mg/l				0.012	U	mg/l
Lead				0.015	U	mg/l							0.015	U	mg/l							0.015	U	mg/l
Lithium																								
Magnesium																								
Manganese	0.0031		mg/l	0.005		mg/l	0.0053		mg/l				0.003		mg/l	0.004		mg/l				0.005		mg/l
Mercury										0.005	U	mg/l							0.005	U	mg/l			
Molybdenum																								
Nickel	0.02		mg/l	0.02	U	mg/l	0.007	U	mg/l				0.02	U	mg/l	0.015		mg/l				0.03		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.0025	U	mg/l	0.02		mg/l	0.022		mg/l				0.007		mg/l	0.0025	U	mg/l				0.007		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF8139	NF8139	NF8232	NF8232	NF8232	NF8233	NF8233	NF8233
Location Cross Ref.	K07249706	K07249706	K07249701	K07249701	K07249701	K07299705	K07299705	K07299705
Location Type	River/Stream	River/Stream	Spring/Seep	Spring/Seep	Spring/Seep	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	187881	187881	187974	187974	187974	187975	187975	187975
Sample Date	*	*	*	*	*	*	*	*
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	D6010	7470	6010	D6010	7470	6010	D6010	7470

Analyte	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit
Aluminum	0.089	U	mg/l							0.089	U	mg/l							0.1		mg/l			
Antimony																								
Arsenic							0.029	U	mg/l							0.029	U	mg/l						
Barium	0.022		mg/l				0.027		mg/l	0.025		mg/l				0.15		mg/l	0.0084		mg/l			
Beryllium																								
Cadmium	0.0023	U	mg/l				0.004		mg/l	0.0023	U	mg/l				0.007		mg/l	0.0023	U	mg/l			
Calcium																								
Chromium	0.0049		mg/l				0.013	U	mg/l	0.0044	U	mg/l				0.016		mg/l	0.0044	U	mg/l			
Cobalt																								
Copper	0.012		mg/l				0.035	U	mg/l	0.008	U	mg/l				0.051		mg/l	0.008	U	mg/l			
Cyanide																								
Iron	0.016		mg/l				0.18		mg/l	0.0037	U	mg/l				1.7		mg/l	0.0045		mg/l			
Lead							0.0019		mg/l							0.015	U	mg/l						
Lithium																								
Magnesium																								
Manganese	0.0037		mg/l				0.1		mg/l	0.033		mg/l				0.07		mg/l	0.004		mg/l			
Mercury				0.005	U	mg/l							0.005	U	mg/l							0.005	U	mg/l
Molybdenum																								
Nickel	0.014		mg/l				0.02	U	mg/l	0.007	U	mg/l				0.02	U	mg/l	0.007	U	mg/l			
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.0025	U	mg/l				0.006		mg/l	0.0063		mg/l				0.087		mg/l	0.0025	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - North Fork - segment MidGradSeg03

Site Location	NF8234			NF8234			NF8234			NF8245			NF8245			NF8245		
Location Cross Ref.	K07309702			K07309702			K07309702			K08189701			K08189701			K08189701		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	187976			187976			187976			187987			187987			187987		
Sample Date	*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.1		mg/l							0.089	U	mg/l			
Antimony																		
Arsenic	0.029	U	mg/l							0.029	U	mg/l						
Barium	0.19		mg/l	0.19		mg/l				0.052		mg/l	0.046		mg/l			
Beryllium																		
Cadmium	0.008		mg/l	0.0023	U	mg/l				0.003	U	mg/l	0.0023	U	mg/l			
Calcium																		
Chromium	0.027		mg/l	0.0078		mg/l				0.014		mg/l	0.0044	U	mg/l			
Cobalt																		
Copper	0.041		mg/l	0.008	U	mg/l				0.035	U	mg/l	0.008	U	mg/l			
Cyanide																		
Iron	0.22		mg/l	0.021		mg/l				0.14		mg/l	0.0095		mg/l			
Lead	0.015	U	mg/l							0.015	U	mg/l						
Lithium																		
Magnesium																		
Manganese	0.026		mg/l	0.004		mg/l				0.012		mg/l	0.004		mg/l			
Mercury							0.005	U	mg/l							0.005	U	mg/l
Molybdenum																		
Nickel	0.02	U	mg/l	0.011		mg/l				0.02	U	mg/l	0.007	U	mg/l			
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	0.011		mg/l	0.0025	U	mg/l				0.034		mg/l	0.0025	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	CUA0816		CUA0817		CUA0818		CUA0818		CUA0819		CUA08110		SF11		SF11	
Location Cross Ref.	81-6S/W.5		81-7S/W.5		81-8S/W.5		81-8S/W.5		81-9S/W.5		81-10S/W.5		SF-130		SF-130	
Location Type	Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		River/Stream		River/Stream	
(Ref) Source/Lab	(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(4) MFG/OTHER		(4) MFG/OTHER	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47576		47577		47578		47579		47580		47581		172051		172051	
Sample Date	08/24/1998		08/24/1998		08/24/1998		08/24/1998		08/24/1998		08/24/1998		05/15/1991		05/15/1991	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		6010		7131	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	1900	ug/l	1800	ug/l	19000	ug/l	11000	ug/l	18000	ug/l	4100	ug/l				
Antimony	7.2 U	ug/l	1.8 U	ug/l	3.6 U	ug/l	3.3 U	ug/l	1.1 U	ug/l	35	ug/l				
Arsenic	12	ug/l	5.5	ug/l	32	ug/l	21	ug/l	7.8	ug/l	26	ug/l				
Barium	86	ug/l	89	ug/l	320	ug/l	220	ug/l	340	ug/l	290	ug/l				
Beryllium	0.7 U	ug/l	0.4 U	ug/l	1.4 U	ug/l	0.8 U	ug/l	1.3 U	ug/l	0.2 U	ug/l				
Cadmium	60	ug/l	5.8	ug/l	21	ug/l	15	ug/l	12	ug/l	33	ug/l			0.0022	mg/l
Calcium	17000	ug/l	20000	ug/l	64000	ug/l	41000	ug/l	21000	ug/l	20000	ug/l				
Chromium	2.4 J	ug/l	2.4 J	ug/l	17	ug/l	11	ug/l	12	ug/l	11	ug/l				
Cobalt	2.8 J	ug/l	1.5 J	ug/l	14	ug/l	8.5	ug/l	14	ug/l	23	ug/l				
Copper	26	ug/l	5	ug/l	39	ug/l	24	ug/l	34	ug/l	180	ug/l				
Cyanide																
Iron	5200	ug/l	4600	ug/l	49000	ug/l	23000	ug/l	35000	ug/l	60000	ug/l				
Lead	440	ug/l	35	ug/l	410	ug/l	260	ug/l	96	ug/l	7200	ug/l				
Lithium																
Magnesium	5800	ug/l	6300	ug/l	20000	ug/l	13000	ug/l	8800	ug/l	6800	ug/l				
Manganese	120	ug/l	150	ug/l	1500	ug/l	880	ug/l	1100	ug/l	8600	ug/l				
Mercury	0.22	ug/l	0.1 U	ug/l	0.31	ug/l	0.15 J	ug/l	0.18 J	ug/l	3.5	ug/l				
Molybdenum																
Nickel	5.9 U	ug/l	4.4 U	ug/l	21 U	ug/l	15 U	ug/l	34	ug/l	12 U	ug/l				
Potassium	1600	ug/l	1900	ug/l	7000	ug/l	4600	ug/l	3800	ug/l	2000	ug/l				
Selenium	0.55 J	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.67 J	ug/l	0.49 J	ug/l				
Silicon																
Silver	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	26	ug/l				
Sodium	36000	ug/l	35000	ug/l	36000	ug/l	36000	ug/l	36000	ug/l	36000	ug/l				
Strontium																
Sulfur																
Thallium	0.28 U	ug/l	0.18 U	ug/l	0.56 U	ug/l	0.35 U	ug/l	0.24 U	ug/l	0.23 U	ug/l				
Titanium																
Uranium																
Vanadium	2.8 J	ug/l	4.1 J	ug/l	41	ug/l	22	ug/l	23	ug/l	5.6 J	ug/l				
Zinc	4700	ug/l	740	ug/l	2300	ug/l	1700	ug/l	1600	ug/l	5700	ug/l	0.36	mg/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF11			SF11			SF11			SF11			SF11			SF11		
Location Cross Ref.	SF-130			SF-130			SF-130			SF-130			SF-130			SF-130		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	172051			172051			172051			172080			172080			172080		
Sample Date	05/15/1991			05/15/1991			05/15/1991			10/03/1991			10/03/1991			10/03/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7421			D6010			D7421			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.002		mg/l							0.007		mg/l				0.011		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.016		mg/l				0.006		mg/l							0.026		mg/l				0.006		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.33		mg/l				1.2		mg/l							0.83		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF12			SF12			SF12			SF12			SF12			SF12			SF12			SF12		
Location Cross Ref.	SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172081			172081			172081			172081			172081			173334			173334			173335		
Sample Date	10/03/1991			10/03/1991			10/03/1991			10/03/1991			10/03/1991			10/26/1993			10/26/1993			11/30/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.008		mg/l				0.01		mg/l				10		ug/l	8.6		ug/l	10		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.023		mg/l				0.006		mg/l	26		ug/l	15		ug/l	98		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.4		mg/l							1		mg/l				1800		ug/l	1800		ug/l	1900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF12		SF12		SF12		SF12		SF12		SF12		SF12		SF12	
Location Cross Ref.	SF-135/SF-7		SF-135/SF-7		SF-135/SF-7		SF-135/SF-7		SF-135/SF-7		SF-135/SF-7		SF-135/SF-7		SF-135/SF-7	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173335		173336		173336		173337		173337		173338		173338		173339	
Sample Date	11/30/1993		12/20/1993		12/20/1993		01/19/1994		01/19/1994		02/15/1994		02/15/1994		03/07/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	9.1	ug/l	12	ug/l	12	ug/l	11	ug/l	9.8	ug/l	11	ug/l	11	ug/l	9.4	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	11	ug/l	21	ug/l	12	ug/l	22	ug/l	15	ug/l	24	ug/l	12	ug/l	29	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1700	ug/l	2000	ug/l	2100	ug/l	2000	ug/l	1900	ug/l	1800	ug/l	1800	ug/l	1800	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF12			SF12			SF12			SF12			SF12			SF12			SF12			SF12		
Location Cross Ref.	SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173339			173340			173340			173341			173341			173342			173342			173343		
Sample Date	03/07/1994			03/23/1994			03/23/1994			04/06/1994			04/06/1994			04/18/1994			04/18/1994			05/03/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	10		ug/l	10		ug/l	11		ug/l	7.4		ug/l	7.4		ug/l	6.6		ug/l	5.5		ug/l	4.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	15		ug/l	28		ug/l	17		ug/l	32		ug/l	14		ug/l	190		ug/l	11		ug/l	34		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1800		ug/l	1800		ug/l	1800		ug/l	1100		ug/l	1200		ug/l	1000		ug/l	880		ug/l	620		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF12			SF12			SF12			SF12			SF12			SF12			SF12			SF12		
Location Cross Ref.	SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173343			173344			173344			173345			173345			173346			173346			173347		
Sample Date	05/03/1994			05/20/1994			05/20/1994			06/08/1994			06/08/1994			06/24/1994			06/24/1994			07/23/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	4.3		ug/l	4.6		ug/l	4.6		ug/l	5.8		ug/l	5.8		ug/l	6.8		ug/l	5.5		ug/l	9.2		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	21		ug/l	24		ug/l	11		ug/l	25		ug/l	14		ug/l	29		ug/l	17		ug/l	36		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	620		ug/l	620		ug/l	620		ug/l	940		ug/l	920		ug/l	930		ug/l	920		ug/l	1200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF12			SF12			SF12			SF12			SF12			SF12			SF12			SF12		
Location Cross Ref.	SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173347			173348			173349			173349			173350			173350			173351			173351		
Sample Date	07/23/1994			08/16/1994			09/09/1994			09/09/1994			10/05/1994			10/05/1994			11/15/1994			11/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	8.6		ug/l	11		ug/l	9		ug/l	9		ug/l	12		ug/l	10		ug/l	14		ug/l	14		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	21		ug/l	26		ug/l	29		ug/l	14		ug/l	29		ug/l	12		ug/l	31		ug/l	18		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1200		ug/l	1500		ug/l	1600		ug/l	1600		ug/l	1500		ug/l	1500		ug/l	2400		ug/l	2500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF12			SF12			SF12			SF12			SF12			SF12			SF12			SF12		
Location Cross Ref.	SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173352			173352			173353			173353			173354			173354			173355			173355		
Sample Date	12/14/1994			12/14/1994			01/11/1995			01/11/1995			02/10/1995			02/10/1995			03/08/1995			03/08/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	17		ug/l	18		ug/l	13		ug/l	11		ug/l	11		ug/l	10		ug/l	9		ug/l	8.2		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	26		ug/l	18		ug/l	57		ug/l	10		ug/l	42		ug/l	16		ug/l	25		ug/l	16		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2800		ug/l	2800		ug/l	1800		ug/l	1800		ug/l	1700		ug/l	1700		ug/l	1400		ug/l	1300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF12			SF12			SF12			SF12			SF12			SF12			SF12			SF12		
Location Cross Ref.	SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173356			173356			173357			173357			173358			173358			173359			173359		
Sample Date	03/22/1995			03/22/1995			04/13/1995			04/13/1995			04/25/1995			04/25/1995			05/10/1995			05/10/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	13		ug/l	12		ug/l	8.3		ug/l	7.5		ug/l	7.2		ug/l	7		ug/l	4.2		ug/l	3.9		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	39		ug/l	23		ug/l	35		ug/l	18		ug/l	29		ug/l	18		ug/l	40		ug/l	13		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1700		ug/l	1600		ug/l	1300		ug/l	1200		ug/l	1100		ug/l	1100		ug/l	570		ug/l	490		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF12			SF12			SF12			SF12			SF12			SF12			SF12			SF12		
Location Cross Ref.	SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173360			173360			173361			173361			173362			173362			173363			173363		
Sample Date	05/23/1995			05/23/1995			06/13/1995			06/13/1995			06/28/1995			06/28/1995			07/12/1995			07/12/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	4.6		ug/l	3.6		ug/l	4.8		ug/l	4.8		ug/l	5.2		ug/l	5.2		ug/l	6.7		ug/l	6.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	23		ug/l	13		ug/l	57		ug/l	21		ug/l	21		ug/l	14		ug/l	24		ug/l	18		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	490		ug/l	470		ug/l	550		ug/l	540		ug/l	820		ug/l	800		ug/l	910		ug/l	930		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF12			SF12			SF12			SF12			SF12			SF12			SF15			SF15		
Location Cross Ref.	SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-135/SF-7			SF-140			SF-140		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173364			173364			173365			173365			173366			173366			172054			172054		
Sample Date	07/26/1995			07/26/1995			08/15/1995			08/15/1995			09/14/1995			09/14/1995			05/15/1991			05/15/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			7131		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	8		ug/l	8		ug/l	8.8		ug/l	8.8		ug/l	9.6		ug/l	10		ug/l				0.0025		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	29		ug/l	19		ug/l	31		ug/l	18		ug/l	29		ug/l	21		ug/l						
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1200		ug/l	1200		ug/l	1400		ug/l	1400		ug/l	1500		ug/l	1500		ug/l	0.44		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF15			SF15			SF15			SF15			SF15			SF15		
Location Cross Ref.	SF-140			SF-140			SF-140			SF-140			SF-140			SF-140		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	172054			172054			172054			172085			172085			172085		
Sample Date	05/15/1991			05/15/1991			05/15/1991			10/03/1991			10/03/1991			10/03/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7421			D6010			D7421			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0023		mg/l							0.008		mg/l				0.01		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.015		mg/l				0.003		mg/l							0.02		mg/l				0.005		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.41		mg/l				1.4		mg/l							0.92		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF16	SF16	SF16	SF16	SF16	SF20	SF20	SF20
Location Cross Ref.	SF-145	SF-145	SF-145	SF-145	SF-145	RG-1	RG-1	RG-1
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER	(4) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172086	172086	172086	172086	172086	172057	172057	172057
Sample Date	10/03/1991	10/03/1991	10/03/1991	10/03/1991	10/03/1991	05/14/1991	05/14/1991	05/14/1991
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	7131	7421	D6010	D7421	6010	7131	7421

Analyte	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium			0.008	mg/l			0.012	mg/l					0.0002	mg/l		
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead					0.019	mg/l			0.006	mg/l					0.003 U	mg/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1.5	mg/l					1	mg/l			0.02 U	mg/l				

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF20	SF20	SF20	SF20	SF20	SF20	SF20	SF22
Location Cross Ref.	RG-1	RG-1	RG-1	RG-1	RG-1	RG-1	RG-1	SF-165
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(4) MFG/OTHER	(4) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172057	172057	172090	172090	172090	172090	172090	172092
Sample Date	05/14/1991	05/14/1991	10/02/1991	10/02/1991	10/02/1991	10/02/1991	10/02/1991	10/02/1991
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	D6010	D7421	6010	7131	7421	D6010	D7421	6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium	0.0003 mg/l			0.0002 U mg/l		0.0002 U mg/l		
Calcium								
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead		0.003 U mg/l			0.002 mg/l		0.001 U mg/l	
Lithium								
Magnesium								
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc	0.02 U mg/l		0.031 mg/l			0.02 mg/l		1.2 mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF22			SF22			SF22			SF22			SF23			SF23			SF23			SF23		
Location Cross Ref.	SF-165			SF-165			SF-165			SF-165			SG-1			SG-1			SG-1			SG-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172092			172092			172092			172092			172059			172059			172059			172059		
Sample Date	10/02/1991			10/02/1991			10/02/1991			10/02/1991			05/14/1991			05/14/1991			05/14/1991			05/14/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7131			7421			D6010			D7421			6010			7131			7421			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.007		mg/l				0.012		mg/l							0.0002	U	mg/l				0.0002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.019		mg/l				0.005		mg/l							0.003	U	mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							0.84		mg/l				0.02	U	mg/l							0.02	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF23			SF23			SF23			SF23			SF23			SF23			SF31			SF31		
Location Cross Ref.	SG-1			SG-1			SG-1			SG-1			SG-1			SG-1			SF-187			SF-187		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172059			172093			172093			172093			172093			172093			172100			172100		
Sample Date	05/14/1991			10/05/1991			10/05/1991			10/05/1991			10/05/1991			10/05/1991			10/02/1991			10/02/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D7421			6010			7131			7421			D6010			D7421			6010			7131		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium							0.0002	U	mg/l				0.0002	U	mg/l							0.014		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.003	U	mg/l							0.002		mg/l				0.001	U	mg/l						
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.018		mg/l							0.012	U	mg/l				1.8		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF31			SF31			SF31			SF33			SF33			SF33			SF33			SF33		
Location Cross Ref.	SF-187			SF-187			SF-187			SUN-1			SUN-1			SUN-1			SUN-1			SUN-1		
Location Type	River/Stream			River/Stream			River/Stream			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172100			172100			172100			172067			172067			172067			172067			172067		
Sample Date	10/02/1991			10/02/1991			10/02/1991			05/14/1991			05/14/1991			05/14/1991			05/14/1991			05/14/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7421			D6010			D7421			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.012		mg/l							0.0025		mg/l				0.0021		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.018		mg/l				0.007		mg/l							0.003	U	mg/l				0.003	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				1.6		mg/l				0.32		mg/l							0.02	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF33			SF33			SF33			SF33			SF33			SF232			SF232			SF233		
Location Cross Ref.	SUN-1			SUN-1			SUN-1			SUN-1			SUN-1			SF232			SF232			SF233		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172102			172102			172102			172102			172102			168437			168437			186007		
Sample Date	10/01/1991			10/01/1991			10/01/1991			10/01/1991			10/01/1991			11/09/1997			11/09/1997			10/29/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																20	U	ug/l	31	U	ug/l			
Antimony																2.7		ug/l	3.1	J	ug/l			
Arsenic																0.34		ug/l	0.35	U	ug/l			
Barium																50		ug/l	50		ug/l			
Beryllium																1	U	ug/l	0.35	U	ug/l			
Cadmium				0.0013		mg/l				0.0016		mg/l				9.1		ug/l	8.4		ug/l	0.013		mg/l
Calcium																13000		ug/l	13000		ug/l			
Chromium																5	U	ug/l	6	U	ug/l			
Cobalt																5	U	ug/l	5	U	ug/l			
Copper																0.98		ug/l	1.5	J	ug/l			
Cyanide																								
Iron																17		ug/l	74	U	ug/l			
Lead							0.002		mg/l				0.001	U	mg/l	24		ug/l	37		ug/l	0.07		mg/l
Lithium																								
Magnesium																3800		ug/l	3600		ug/l			
Manganese																55		ug/l	58		ug/l			
Mercury																0.2	U	ug/l	0.1	U	ug/l			
Molybdenum																								
Nickel																0.78		ug/l	5	U	ug/l			
Potassium																870		ug/l	730	J	ug/l			
Selenium																1	U	ug/l	0.21	U	ug/l			
Silicon																								
Silver																0.03	U	ug/l	0.22	U	ug/l			
Sodium																2400		ug/l	2300		ug/l			
Strontium																								
Sulfur																								
Thallium																0.5	U	ug/l	0.22	J	ug/l			
Titanium																								
Uranium																								
Vanadium																3	U	ug/l	2.1	U	ug/l			
Zinc	0.27		mg/l							0.24		mg/l				1300		ug/l	1400		ug/l	1.7		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF233			SF233			SF233			SF233			SF233			SF233			SF233			SF233		
Location Cross Ref.	SF233			SF233			SF233			SF233			SF233			SF233			SF233			SF233		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186007			186030			186030			186046			186046			186062			186062			186082		
Sample Date	10/29/1996			11/26/1996			11/26/1996			12/17/1996			12/17/1996			01/29/1997			01/29/1997			02/19/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.012		mg/l	0.012		mg/l	0.012		mg/l	0.013		mg/l	0.013		mg/l	0.01		mg/l	0.011		mg/l	0.011		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.031		mg/l	0.027		mg/l	0.023		mg/l	0.034		mg/l	0.021		mg/l	0.024		mg/l	0.017		mg/l	0.052		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.7		mg/l	2.1		mg/l	2.1		mg/l	2.2		mg/l	2.3		mg/l	1.4		mg/l	1.4		mg/l	1.7		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF233			SF233			SF233			SF233			SF233			SF233			SF233			SF233		
Location Cross Ref.	SF233			SF233			SF233			SF233			SF233			SF233			SF233			SF233		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186082			186102			186102			186122			186122			186142			186162			186162		
Sample Date	02/19/1997			03/27/1997			03/27/1997			04/17/1997			04/17/1997			05/15/1997			06/25/1997			06/25/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.011		mg/l	0.0083		mg/l	0.0082		mg/l	0.0076		mg/l	0.0076		mg/l	5.9		ug/l	0.0029		mg/l	0.0028		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.018		mg/l	0.038		mg/l	0.021		mg/l	0.055		mg/l	0.019		mg/l	890		ug/l	0.021		mg/l	0.013		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.6		mg/l	1.2		mg/l	1.3		mg/l	1.2		mg/l	1.2		mg/l	810		ug/l	0.41		mg/l	0.45		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF233		SF233		SF233		SF233		SF233		SF233		SF233		SF233			
Location Cross Ref.	SF233		SF233		SF233		SF233		SF233		SF233		SF233		SF233			
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream			
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ			
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water			
Depth Range in Ft.	-		-		-		-		-		-		-		-			
Sample Number	186182		186182		186202		186202		186222		186222		186243		186243			
Sample Date	07/24/1997		07/24/1997		08/13/1997		08/13/1997		09/04/1997		09/04/1997		10/17/1997		10/17/1997			
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample			
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010			
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	0.0046		mg/l	0.0044		mg/l	0.0058		mg/l	0.0057		mg/l	0.0077		mg/l	0.0076		mg/l	0.0095		mg/l	0.0094		mg/l
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	0.039		mg/l	0.018		mg/l	0.043		mg/l	0.02		mg/l	0.077		mg/l	0.026		mg/l	0.045		mg/l	0.022		mg/l
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	0.67		mg/l	0.7		mg/l	0.8		mg/l	0.79		mg/l	0.97		mg/l	0.96		mg/l	1.4		mg/l	1.4		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF233			SF233			SF233			SF233			SF233			SF233			SF233			SF233		
Location Cross Ref.	SF233			SF233			SF233			SF233			SF233			SF233			SF233			SF233		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168438			168438			186262			186262			186281			186281			186300			186300		
Sample Date	11/09/1997			11/09/1997			11/25/1997			11/25/1997			12/18/1997			12/18/1997			01/22/1998			01/22/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	38	U	ug/l																		
Antimony	2.5		ug/l	2.7	J	ug/l																		
Arsenic	0.36		ug/l	0.43	U	ug/l																		
Barium	53		ug/l	55		ug/l																		
Beryllium	1	U	ug/l	0.35	U	ug/l																		
Cadmium	9.2		ug/l	8.3		ug/l	0.0096		mg/l	0.0088		mg/l	0.028		mg/l	0.016		mg/l	0.0097		mg/l	0.0098		mg/l
Calcium	14000		ug/l	14000		ug/l																		
Chromium	5	U	ug/l	6	U	ug/l																		
Cobalt	5	U	ug/l	5	U	ug/l																		
Copper	1		ug/l	1.3	J	ug/l																		
Cyanide																								
Iron	17		ug/l	77	U	ug/l																		
Lead	22		ug/l	31		ug/l	0.054		mg/l	0.021		mg/l	2.2		mg/l	0.47		mg/l	0.036		mg/l	0.015		mg/l
Lithium																								
Magnesium	4000		ug/l	3900		ug/l																		
Manganese	51		ug/l	55		ug/l																		
Mercury	0.2	U	ug/l	0.1	U	ug/l																		
Molybdenum																								
Nickel	0.87		ug/l	5	U	ug/l																		
Potassium	1400		ug/l	790		ug/l																		
Selenium	1	U	ug/l	0.31	U	ug/l																		
Silicon																								
Silver	0.03	U	ug/l	0.22	U	ug/l																		
Sodium	2500		ug/l	2600		ug/l																		
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.16	J	ug/l																		
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l																		
Zinc	1300		ug/l	1400		ug/l	1.3		mg/l	1.3		mg/l	2.5		mg/l	1.8		mg/l	1.4		mg/l	1.5		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF233			SF233			SF233			SF233			SF233			SF233			SF233			SF233		
Location Cross Ref.	SF233			SF233			SF233			SF233			SF233			SF233			SF233			SF233		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(3) URS/SOUND			(3) URS/SOUND		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186319			186319			186338			186338			186357			186357			46551			46551		
Sample Date	02/26/1998			02/26/1998			03/19/1998			03/19/1998			04/24/1998			04/24/1998			05/13/1998			05/13/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																			6.6	J	ug/l	19	J	ug/l
Antimony																			0.61	J	ug/l	0.6	J	ug/l
Arsenic																			0.23	U	ug/l	0.3	J	ug/l
Barium																			28	J	ug/l	28	J	ug/l
Beryllium																			0.11	U	ug/l	0.11	U	ug/l
Cadmium	0.013		mg/l	0.013		mg/l	0.009		mg/l	0.0084		mg/l	0.007		mg/l	0.005		mg/l	2.8	J	ug/l	2.7	J	ug/l
Calcium																			6800		ug/l	6700		ug/l
Chromium																			0.4	U	ug/l	0.4	U	ug/l
Cobalt																			0.047	J	ug/l	0.052	J	ug/l
Copper																			0.69	J	ug/l	1.1	J	ug/l
Cyanide																								
Iron																			48	J	ug/l	80	J	ug/l
Lead	0.026		mg/l	0.013		mg/l	0.044		mg/l	0.021		mg/l	0.46		mg/l	0.014		mg/l	10		ug/l	22		ug/l
Lithium																								
Magnesium																			2000	J	ug/l	1900	J	ug/l
Manganese																			20		ug/l	24		ug/l
Mercury																			0.16	U	ug/l	0.16	U	ug/l
Molybdenum																								
Nickel																			0.23	U	ug/l	0.23	U	ug/l
Potassium																			1600	U	ug/l	1600	U	ug/l
Selenium																			1.3	U	ug/l	1.3	U	ug/l
Silicon																								
Silver																			0.042	U	ug/l	0.042	U	ug/l
Sodium																			1400	J	ug/l	1400	J	ug/l
Strontium																								
Sulfur																								
Thallium																			0.058	U	ug/l	0.058	U	ug/l
Titanium																								
Uranium																								
Vanadium																			0.11	U	ug/l	0.11	U	ug/l
Zinc	1.5		mg/l	1.5		mg/l	1.3		mg/l	1.2		mg/l	0.81		mg/l	0.63		mg/l	440		ug/l	450		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF233			SF233			SF234			SF234			SF234			SF234			SF234			SF234		
Location Cross Ref.	SF233			SF233			SF234			SF234			SF234			SF234			SF234			SF234		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186909			186909			172052			172052			172052			172052			172052			172083		
Sample Date	05/24/1999			05/24/1999			05/14/1991			05/14/1991			05/14/1991			05/14/1991			05/14/1991			10/03/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			7131			7421			D6010			D7421			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	4		ug/l	2.4		ug/l				0.0002	U	mg/l				0.0002	U	mg/l						
Calcium				5800		ug/l																		
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron	1800		ug/l	8.6		ug/l																		
Lead	480		ug/l	8.8		ug/l							0.003	U	mg/l				0.003	U	mg/l			
Lithium																								
Magnesium				1600		ug/l																		
Manganese	310		ug/l	20		ug/l																		
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium				1100		ug/l																		
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	560		ug/l	320		ug/l	0.02	U	mg/l							0.02	U	mg/l				0.03		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF234	SF234	SF234	SF234	SF234	SF234	SF234	SF234
Location Cross Ref.	SF234	SF234	SF234	SF234	SF234	SF234	SF234	SF234
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(2) URS/MEL	(2) URS/LAUCKS	(3) URS/SWRI	(3) URS/SWRI
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172083	172083	172083	172083	168439	168439	46350	46350
Sample Date	10/03/1991	10/03/1991	10/03/1991	10/03/1991	11/11/1997	11/11/1997	05/09/1998	05/09/1998
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	7131	7421	D6010	D7421	DIN-CLP-LOW	IN-CLP-LOW	DIN-CLP-LOW	IN-CLP-LOW
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum					20 U ug/l	57 U ug/l	50 U ug/l	50 U ug/l
Antimony					0.5 U ug/l	0.62 U ug/l	0.5 U ug/l	0.5 U ug/l
Arsenic					0.47 ug/l	0.43 UJ ug/l	1 U ug/l	1 U ug/l
Barium					14 ug/l	15 J ug/l	7.9 ug/l	8.3 ug/l
Beryllium					1 U ug/l	0.35 U ug/l	1 U ug/l	1 U ug/l
Cadmium	0.0002 U mg/l		0.0002 U mg/l		0.04 U ug/l	0.069 U ug/l	0.1 U ug/l	0.1 U ug/l
Calcium					13000 ug/l	12000 ug/l	7500 ug/l	7500 ug/l
Chromium					5 U ug/l	6 U ug/l	5 U ug/l	5 U ug/l
Cobalt					5 U ug/l	5 U ug/l	5 U ug/l	5 U ug/l
Copper					0.5 U ug/l	0.54 J ug/l	3 U ug/l	3 U ug/l
Cyanide								
Iron					10 U ug/l	16 U ug/l	20 U ug/l	78 ug/l
Lead		0.001 U mg/l		0.001 U mg/l	0.1 U ug/l	0.16 J ug/l	0.5 U ug/l	0.5 U ug/l
Lithium								
Magnesium					2500 ug/l	2500 ug/l	1400 ug/l	1400 ug/l
Manganese					1 U ug/l	1 U ug/l	5 U ug/l	5 U ug/l
Mercury					0.2 U ug/l	0.1 U ug/l	0.2 UJ ug/l	0.2 UJ ug/l
Molybdenum								
Nickel					0.3 U ug/l	5 U ug/l	5 U ug/l	5 U ug/l
Potassium					700 U ug/l	290 J ug/l	210 ug/l	200 U ug/l
Selenium					1 U ug/l	0.21 U ug/l	1 U ug/l	1 U ug/l
Silicon								
Silver					0.03 U ug/l	0.22 U ug/l	0.3 U ug/l	0.3 U ug/l
Sodium					1000 ug/l	1000 ug/l	700 ug/l	650 ug/l
Strontium								
Sulfur								
Thallium					0.5 U ug/l	0.13 U ug/l	0.1 U ug/l	0.1 U ug/l
Titanium								
Uranium								
Vanadium					3 U ug/l	2 U ug/l	5 U ug/l	5 U ug/l
Zinc			0.046 mg/l		3.6 ug/l	9.9 U ug/l	5 U ug/l	5 U ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF234			SF234			SF234			SF234			SF234			SF234			SF234			SF234		
Location Cross Ref.	SF234			SF234			SF234			SF234			SF234			SF234			SF234			SF234		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SOUND			(3) URS/SOUND			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46643			46643			186910			186910			186911			186911			186912			186912		
Sample Date	05/17/1998			05/17/1998			10/26/1998			10/26/1998			11/17/1998			11/17/1998			12/14/1998			12/14/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	18	UJ	ug/l	16	UJ	ug/l																		
Antimony	1.2	U	ug/l	1.2	U	ug/l																		
Arsenic	0.23	U	ug/l	0.23	U	ug/l																		
Barium	31	J	ug/l	31	J	ug/l																		
Beryllium	0.11	U	ug/l	0.11	U	ug/l																		
Cadmium	3.2	J	ug/l	3.3	J	ug/l	1		ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Calcium	7200		ug/l	7500		ug/l				14000		ug/l				13000		ug/l				11000		ug/l
Chromium	0.4	U	ug/l	0.4	U	ug/l																		
Cobalt	0.073	UJ	ug/l	0.051	UJ	ug/l																		
Copper	1	J	ug/l	0.91	J	ug/l																		
Cyanide																								
Iron	110	J	ug/l	100	J	ug/l																		
Lead	25		ug/l	25		ug/l	1	UJ	ug/l	1.1		ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Lithium																								
Magnesium	2100	J	ug/l	2200	J	ug/l				3100		ug/l				2900		ug/l				2300		ug/l
Manganese	28	J	ug/l	27	J	ug/l																		
Mercury	0.16	U	ug/l	0.16	U	ug/l																		
Molybdenum																								
Nickel	0.25	J	ug/l	0.3	J	ug/l																		
Potassium	1700	J	ug/l	1600	U	ug/l																		
Selenium	1.3	U	ug/l	1.3	U	ug/l																		
Silicon																								
Silver	0.042	UJ	ug/l	0.042	U	ug/l																		
Sodium	1400	J	ug/l	1500	J	ug/l																		
Strontium																								
Sulfur																								
Thallium	0.058	U	ug/l	0.058	U	ug/l																		
Titanium																								
Uranium																								
Vanadium	0.11	U	ug/l	0.11	U	ug/l																		
Zinc	530	J	ug/l	530		ug/l	10		ug/l	20	UJ	ug/l	10		ug/l	20	UJ	ug/l	10		ug/l	20	UJ	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF234			SF234			SF234			SF234			SF234			SF234			SF234			SF234		
Location Cross Ref.	SF234			SF234			SF234			SF234			SF234			SF234			SF234			SF234		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186913			186913			186914			186914			186915			186915			186916			186916		
Sample Date	01/21/1999			01/21/1999			02/25/1999			02/25/1999			03/22/1999			03/22/1999			04/21/1999			04/21/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Calcium				11000		ug/l				10000		ug/l				10000		ug/l				8700		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1	UJ	ug/l	1	UJ	ug/l				1		ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Lithium																								
Magnesium				2500		ug/l				2200		ug/l				2200		ug/l				1800		ug/l
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	10		ug/l	20	UJ	ug/l	40		ug/l	20	UJ	ug/l	40		ug/l	20	UJ	ug/l				20	UJ	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF234			SF234			SF234			SF234			SF234			SF234			SF234			SF234		
Location Cross Ref.	SF234			SF234			SF234			SF234			SF234			SF234			SF234			SF234		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186917			186918			186918			202143			202143			202143			202144			202144		
Sample Date	05/04/1999			05/24/1999			05/24/1999			07/08/1999			07/08/1999			07/08/1999			08/05/1999			08/05/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			D6010			6010			D6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l				1	UJ	ug/l							1	U	ug/l						
Calcium	8900		ug/l				6400		ug/l	9.3		mg/l							12		mg/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron				900		ug/l	10	U	ug/l															
Lead	1		ug/l	4		ug/l	1	U	ug/l				1.1		ug/l	1	U	ug/l				0.78		ug/l
Lithium																								
Magnesium	1800		ug/l				1200		ug/l	1.8		mg/l							2.4		mg/l			
Manganese				63		ug/l	1.3		ug/l															
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium	960		ug/l				740		ug/l	0.86		mg/l							1.1		mg/l			
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.6		ug/l	10		ug/l	1	U	ug/l							1		ug/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF234			SF234			SF234			SF234			SF235			SF235			SF235			SF235		
Location Cross Ref.	SF234			SF234			SF234			SF234			SF235			SF235			SF235			SF235		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202144			202145			202145			202145			168440			168440			46555			46555		
Sample Date	08/05/1999			08/31/1999			08/31/1999			08/31/1999			11/08/1997			11/08/1997			05/13/1998			05/13/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum													20	U	ug/l	26	U	ug/l	6.5	J	ug/l	25	J	ug/l
Antimony													2.3		ug/l	3.2	J	ug/l	0.42	J	ug/l	0.51	J	ug/l
Arsenic													0.37		ug/l	0.51	J	ug/l	0.3	J	ug/l	0.23	U	ug/l
Barium													47		ug/l	48		ug/l	26	J	ug/l	26	J	ug/l
Beryllium													1	U	ug/l	0.35	U	ug/l	0.11	U	ug/l	0.11	U	ug/l
Cadmium	1	U	ug/l							1	U	ug/l	7.3		ug/l	6.9		ug/l	2.3	J	ug/l	2.4	J	ug/l
Calcium				13		mg/l							14000		ug/l	13000		ug/l	6900		ug/l	7200		ug/l
Chromium													5	U	ug/l	6	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Cobalt													5	U	ug/l	5	U	ug/l	0.031	J	ug/l	0.053	J	ug/l
Copper													1.2		ug/l	1.7	J	ug/l	0.67	J	ug/l	0.9	J	ug/l
Cyanide																								
Iron													18		ug/l	57	UJ	ug/l	49	J	ug/l	110		ug/l
Lead	1	U	ug/l				0.58		ug/l	1	U	ug/l	21		ug/l	49		ug/l	13		ug/l	18		ug/l
Lithium																								
Magnesium				2.6		mg/l							3800		ug/l	3600		ug/l	1900	J	ug/l	1900	J	ug/l
Manganese													41		ug/l	46		ug/l	17		ug/l	24		ug/l
Mercury													0.2	U	ug/l	0.1	U	ug/l	0.16	U	ug/l	0.16	U	ug/l
Molybdenum																								
Nickel													0.74		ug/l	5	U	ug/l	0.27	J	ug/l	0.23	U	ug/l
Potassium													960		ug/l	740	J	ug/l	1600	U	ug/l	1600	U	ug/l
Selenium													1	U	ug/l	0.21	U	ug/l	1.3	U	ug/l	1.3	U	ug/l
Silicon																								
Silver													0.03	U	ug/l	0.22	UJ	ug/l	0.042	U	ug/l	0.042	U	ug/l
Sodium				1.1		mg/l							2400		ug/l	2400		ug/l	1200	J	ug/l	1300	J	ug/l
Strontium																								
Sulfur																								
Thallium													0.5	U	ug/l	0.12	U	ug/l	0.058	U	ug/l	0.058	U	ug/l
Titanium																								
Uranium																								
Vanadium													3	U	ug/l	2	U	ug/l	0.11	U	ug/l	0.11	U	ug/l
Zinc	1	U	ug/l							3		ug/l	1000		ug/l	1000		ug/l	370		ug/l	380		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF236			SF236			SF236			SF236			SF236			SF236			SF236			SF236		
Location Cross Ref.	PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			PC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172053			172053			172053			172053			172053			172084			172084			172084		
Sample Date	05/14/1991			05/14/1991			05/14/1991			05/14/1991			05/14/1991			10/03/1991			10/03/1991			10/03/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0002	U	mg/l				0.0002	U	mg/l							0.0002	U	mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.003	U	mg/l				0.003	U	mg/l							0.001	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.02	U	mg/l							0.02	U	mg/l				0.024		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF236			SF236			SF236			SF236			SF236			SF236			SF237			SF237		
Location Cross Ref.	PC-1			PC-1			PC-1			PC-1			PC-1			PC-1			SF237			SF237		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI			(3) URS/SWRI			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172084			172084			168441			168441			46349			46349			168442			168442		
Sample Date	10/03/1991			10/03/1991			11/08/1997			11/08/1997			05/09/1998			05/09/1998			11/08/1997			11/08/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							20	U	ug/l	26	U	ug/l	50	U	ug/l	50	U	ug/l	20	U	ug/l	26	U	ug/l
Antimony							1.7		ug/l	1.8	J	ug/l	1		ug/l	1.1		ug/l	2.5		ug/l	2.8	J	ug/l
Arsenic							7.3		ug/l	7.1		ug/l	5.5		ug/l	7.3		ug/l	0.46		ug/l	0.31	J	ug/l
Barium							150		ug/l	160		ug/l	83		ug/l	84		ug/l	50		ug/l	52		ug/l
Beryllium							1	U	ug/l	0.35	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.35	U	ug/l
Cadmium	0.0002	U	mg/l				0.04	U	ug/l	0.069	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	7.7		ug/l	6.9		ug/l
Calcium							17000		ug/l	17000		ug/l	13000		ug/l	13000		ug/l	15000		ug/l	14000		ug/l
Chromium							5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l
Cobalt							5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper							0.5	U	ug/l	0.29	J	ug/l	3	U	ug/l	3	U	ug/l	1.1		ug/l	1.2	J	ug/l
Cyanide																								
Iron							10	U	ug/l	5	UJ	ug/l	20	U	ug/l	20	U	ug/l	17		ug/l	37	UJ	ug/l
Lead				0.001	U	mg/l	0.1	U	ug/l	0.18	J	ug/l	0.5	U	ug/l	0.5	U	ug/l	21		ug/l	32		ug/l
Lithium																								
Magnesium							6300		ug/l	6200		ug/l	4800		ug/l	4700		ug/l	4000		ug/l	3900		ug/l
Manganese							1	U	ug/l	1.2	U	ug/l	5	U	ug/l	5	U	ug/l	42		ug/l	47		ug/l
Mercury							0.2	U	ug/l	0.1	U	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel							0.34		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.78		ug/l	5	U	ug/l
Potassium							700	U	ug/l	710	J	ug/l	550		ug/l	450		ug/l	940		ug/l	860		ug/l
Selenium							1	U	ug/l	0.29	J	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver							0.03	U	ug/l	0.22	UJ	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.03	U	ug/l	0.22	UJ	ug/l
Sodium							1400		ug/l	1400		ug/l	970		ug/l	980		ug/l	2500		ug/l	2500		ug/l
Strontium																								
Sulfur																								
Thallium							0.5	U	ug/l	0.017	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.5	U	ug/l	0.16	U	ug/l
Titanium																								
Uranium																								
Vanadium							3	U	ug/l	2	U	ug/l	5	U	ug/l	5	U	ug/l	3	U	ug/l	2	U	ug/l
Zinc	0.012	U	mg/l				7.5		ug/l	21	U	ug/l	5	U	ug/l	5	U	ug/l	1100		ug/l	1100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF237		SF237		SF238		SF238		SF238		SF238		SF238		SF238	
Location Cross Ref.	SF237		SF237		SF238/LC-1		SF238/LC-1		SF238/LC-1		SF238/LC-1		SF238/LC-1		SF238/LC-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(2) URS/MEL		(2) URS/LAUCKS		(4) MFG/OTHER		(4) MFG/OTHER		(4) MFG/OTHER		(4) MFG/OTHER		(4) MFG/OTHER		(5) MFG/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	168519		168519		172055		172055		172055		172055		172055		172087	
Sample Date	11/08/1997		11/08/1997		05/14/1991		05/14/1991		05/14/1991		05/14/1991		05/14/1991		10/02/1991	
Sample Type	Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		6010		7131		7421		D6010		D7421		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	20 U	ug/l	26 U	ug/l												
Antimony	2.5	ug/l	2.8 J	ug/l												
Arsenic	0.43	ug/l	0.36 J	ug/l												
Barium	52	ug/l	52	ug/l												
Beryllium	1 U	ug/l	0.35 U	ug/l												
Cadmium	8	ug/l	7.2	ug/l			0.0002 U	mg/l			0.0002 U	mg/l				
Calcium	15000	ug/l	14000	ug/l												
Chromium	5 U	ug/l	6 U	ug/l												
Cobalt	5 U	ug/l	5 U	ug/l												
Copper	1.1	ug/l	1.3 J	ug/l												
Cyanide																
Iron	20	ug/l	30 UJ	ug/l												
Lead	21	ug/l	32	ug/l					0.003 U	mg/l			0.003 U	mg/l		
Lithium																
Magnesium	4200	ug/l	3900	ug/l												
Manganese	44	ug/l	47	ug/l												
Mercury	0.2 U	ug/l	0.1 U	ug/l												
Molybdenum																
Nickel	0.75	ug/l	5 U	ug/l												
Potassium	700 U	ug/l	820	ug/l												
Selenium	1 U	ug/l	0.21 U	ug/l												
Silicon																
Silver	0.03 U	ug/l	0.22 UJ	ug/l												
Sodium	2500	ug/l	2500	ug/l												
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.14 U	ug/l												
Titanium																
Uranium																
Vanadium	3 U	ug/l	2 U	ug/l												
Zinc	1100	ug/l	1100	ug/l	0.02 U	mg/l					0.02 U	mg/l			0.05	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF238			SF238			SF238			SF238			SF238			SF238			SF238			SF238		
Location Cross Ref.	SF238/LC-1			SF238/LC-1			SF238/LC-1			SF238/LC-1			SF238/LC-1			SF238/LC-1			SF238/LC-1			SF238/LC-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172087			172087			172087			172087			168443			168443			46340			46340		
Sample Date	10/02/1991			10/02/1991			10/02/1991			10/02/1991			11/08/1997			11/08/1997			05/07/1998			05/07/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7131			7421			D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum													20	U	ug/l	26	U	ug/l	12	J	ug/l	0.83	J	ug/l
Antimony													6.6		ug/l	7.5		ug/l	1	J	ug/l	0.91	J	ug/l
Arsenic													3.5		ug/l	3.9		ug/l	1.2	J	ug/l	0.73	J	ug/l
Barium													86		ug/l	90		ug/l	28	J	ug/l	27	J	ug/l
Beryllium													1	U	ug/l	0.35	U	ug/l	0.11	U	ug/l	0.11	U	ug/l
Cadmium	0.0002	U	mg/l				0.0002	U	mg/l				0.043		ug/l	0.069	U	ug/l	0.042	U	ug/l	0.042	U	ug/l
Calcium													20000		ug/l	20000		ug/l	6500		ug/l	6300		ug/l
Chromium													5	U	ug/l	6	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Cobalt													5	U	ug/l	5	U	ug/l	0.065	J	ug/l	0.031	J	ug/l
Copper													1.7		ug/l	3.6		ug/l	0.84	J	ug/l	0.44	U	ug/l
Cyanide																								
Iron													14		ug/l	77	UJ	ug/l	150		ug/l	19	J	ug/l
Lead				0.004		mg/l				0.001	U	mg/l	0.34		ug/l	1.5		ug/l	1.1	J	ug/l	0.11	U	ug/l
Lithium																								
Magnesium													8600		ug/l	8800		ug/l	2200	J	ug/l	2200	J	ug/l
Manganese													150		ug/l	170		ug/l	34		ug/l	19		ug/l
Mercury													0.2	U	ug/l	0.1	U	ug/l	0.16	U	ug/l	0.16	U	ug/l
Molybdenum																								
Nickel													0.76		ug/l	5	U	ug/l	0.22	U	ug/l	0.22	U	ug/l
Potassium													1400		ug/l	1400		ug/l	1600	U	ug/l	1600	U	ug/l
Selenium													1	U	ug/l	0.21	U	ug/l	1.3	U	ug/l	1.3	U	ug/l
Silicon																								
Silver													0.03	U	ug/l	0.22	UJ	ug/l	0.042	U	ug/l	0.042	U	ug/l
Sodium													7100		ug/l	7300		ug/l	1600	J	ug/l	1500	J	ug/l
Strontium																								
Sulfur																								
Thallium													0.5	U	ug/l	0.25	U	ug/l	0.058	U	ug/l	0.058	U	ug/l
Titanium																								
Uranium																								
Vanadium													3	U	ug/l	2	U	ug/l	0.19	J	ug/l	0.14	J	ug/l
Zinc							0.012	U	mg/l				16		ug/l	20	U	ug/l	6	J	ug/l	47	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF238			SF238			SF238			SF238			SF239			SF239			SF239			SF239		
Location Cross Ref.	SF238/LC-1			SF238/LC-1			SF238/LC-1			SF238/LC-1			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186933			186933			186933			186933			172056			172056			172056			172056		
Sample Date	05/22/1999			05/22/1999			05/22/1999			05/22/1999			05/15/1991			05/15/1991			05/15/1991			05/15/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			7131			7421			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				1	U	ug/l										0.0023		mg/l				0.0022		mg/l
Calcium				7000		ug/l																		
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron							180		ug/l	10	U	ug/l												
Lead	4		ug/l	1	U	ug/l													0.019		mg/l			
Lithium																								
Magnesium				2300		ug/l																		
Manganese							57		ug/l	24		ug/l												
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium				1900		ug/l																		
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	10		ug/l	10		ug/l							0.41		mg/l							0.36		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF239			SF239			SF239			SF239			SF239			SF239			SF239			SF239		
Location Cross Ref.	SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172056			172088			172088			172088			172088			172088			173476			173476		
Sample Date	05/15/1991			10/03/1991			10/03/1991			10/03/1991			10/03/1991			10/03/1991			10/29/1993			10/29/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D7421			6010			7131			7421			D6010			D7421			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium							0.008		mg/l				0.011		mg/l				8		ug/l	8.2		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.003		mg/l							0.019		mg/l				0.006		mg/l	19		ug/l	11		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				1.5		mg/l							1.1		mg/l				1600		ug/l	1600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF239			SF239			SF239			SF239			SF239			SF239			SF239			SF239		
Location Cross Ref.	SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173477			173477			173478			173478			173479			173479			173480			173480		
Sample Date	12/02/1993			12/02/1993			12/20/1993			12/20/1993			01/19/1994			01/19/1994			02/15/1994			02/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	7.9		ug/l	8.3		ug/l	11		ug/l	11		ug/l	8.6		ug/l	8.2		ug/l	9.4		ug/l	9.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	33		ug/l	11		ug/l	20		ug/l	12		ug/l	22		ug/l	11		ug/l	16		ug/l	10		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1500		ug/l	1600		ug/l	1800		ug/l	1800		ug/l	1400		ug/l	1400		ug/l	1600		ug/l	1600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF239			SF239			SF239			SF239			SF239			SF239			SF239			SF239		
Location Cross Ref.	SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173481			173481			173482			173482			173483			173483			173484			173484		
Sample Date	03/07/1994			03/07/1994			03/23/1994			03/23/1994			04/06/1994			04/06/1994			04/18/1994			04/18/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	7.1		ug/l	8		ug/l	8.3		ug/l	8.8		ug/l	5.5		ug/l	5.4		ug/l	5.8		ug/l	3.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	25		ug/l	11		ug/l	20		ug/l	12		ug/l	22		ug/l	9		ug/l	180		ug/l	7		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1400		ug/l	1400		ug/l	1400		ug/l	1500		ug/l	900		ug/l	890		ug/l	770		ug/l	610		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF239			SF239			SF239			SF239			SF239			SF239			SF239			SF239		
Location Cross Ref.	SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173485			173485			173486			173486			173487			173487			173488			173488		
Sample Date	05/03/1994			05/03/1994			05/20/1994			05/20/1994			06/08/1994			06/08/1994			06/24/1994			06/24/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	3.6		ug/l	3.6		ug/l	4		ug/l	3.8		ug/l	5.2		ug/l	5.2		ug/l	6.6		ug/l	6.1		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	16		ug/l	11		ug/l	20		ug/l	9		ug/l	21		ug/l	13		ug/l	24		ug/l	15		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	510		ug/l	530		ug/l	510		ug/l	510		ug/l	820		ug/l	790		ug/l	840		ug/l	830		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF239			SF239			SF239			SF239			SF239			SF239			SF239			SF239		
Location Cross Ref.	SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173489			173489			173490			173490			173491			173491			173492			173492		
Sample Date	07/23/1994			07/23/1994			08/16/1994			08/16/1994			09/09/1994			09/09/1994			10/05/1994			10/05/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	7		ug/l	7.2		ug/l	8.4		ug/l	8.5		ug/l	9.1		ug/l	9.4		ug/l	8.5		ug/l	8.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	20		ug/l	13		ug/l	20		ug/l	15		ug/l	20		ug/l	12		ug/l	18		ug/l	9		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	900		ug/l	880		ug/l	1000		ug/l	1000		ug/l	1500		ug/l	1500		ug/l	1100		ug/l	1100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF239			SF239			SF239			SF239			SF239			SF239			SF239			SF239		
Location Cross Ref.	SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173493			173493			173494			173494			173495			173495			173496			173496		
Sample Date	11/15/1994			11/15/1994			12/14/1994			12/14/1994			01/11/1995			01/11/1995			02/09/1995			02/09/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	12		ug/l	13		ug/l	15		ug/l	15		ug/l	7.8		ug/l	7.4		ug/l	8.3		ug/l	7.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	28		ug/l	21		ug/l	20		ug/l	12		ug/l	42		ug/l	7		ug/l	26		ug/l	11		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2200		ug/l	2200		ug/l	2300		ug/l	2300		ug/l	1300		ug/l	1300		ug/l	1200		ug/l	1200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF239			SF239			SF239			SF239			SF239			SF239			SF239			SF239		
Location Cross Ref.	SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173497			173497			173498			173498			173499			173499			173500			173500		
Sample Date	03/08/1995			03/08/1995			03/22/1995			03/22/1995			04/13/1995			04/13/1995			04/25/1995			04/25/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	7		ug/l	7		ug/l	8.8		ug/l	6		ug/l	6.1		ug/l	7		ug/l	7.2		ug/l	6.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	20		ug/l	15		ug/l	22		ug/l	11		ug/l	31		ug/l	13		ug/l	22		ug/l	14		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1000		ug/l	1000		ug/l	1200		ug/l	850		ug/l	980		ug/l	890		ug/l	820		ug/l	840		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF239			SF239			SF239			SF239			SF239			SF239			SF239			SF239		
Location Cross Ref.	SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173501			173501			173502			173502			173503			173503			173504			173504		
Sample Date	05/10/1995			05/10/1995			05/23/1995			05/23/1995			06/13/1995			06/13/1995			06/28/1995			06/28/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	5.4		ug/l	5		ug/l	3.3		ug/l	3.3		ug/l	4		ug/l	4		ug/l	5.8		ug/l	5.4		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	46		ug/l	10		ug/l	22		ug/l	11		ug/l	40		ug/l	15		ug/l	21		ug/l	14		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	500		ug/l	410		ug/l	420		ug/l	410		ug/l	510		ug/l	500		ug/l	700		ug/l	720		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF239			SF239			SF239			SF239			SF239			SF239			SF239			SF239		
Location Cross Ref.	SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173505			173505			173506			173506			173507			173507			173508			173508		
Sample Date	07/12/1995			07/12/1995			07/26/1995			07/26/1995			08/15/1995			08/15/1995			09/14/1995			09/14/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	6		ug/l	6		ug/l	7.8		ug/l	7.4		ug/l	7.6		ug/l	7.8		ug/l	8.6		ug/l	9.2		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	17		ug/l	14		ug/l	21		ug/l	15		ug/l	25		ug/l	14		ug/l	22		ug/l	18		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	810		ug/l	840		ug/l	1000		ug/l	1000		ug/l	1200		ug/l	1200		ug/l	1300		ug/l	1400		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF239			SF239			SF239			SF239			SF239			SF239			SF239			SF239		
Location Cross Ref.	SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168444			168444			46550			46550			186920			186920			186921			186921		
Sample Date	11/07/1997			11/07/1997			05/13/1998			05/13/1998			10/22/1998			10/22/1998			11/17/1998			11/17/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	26	U	ug/l	5.5	J	ug/l	23	J	ug/l												
Antimony	2.5		ug/l	2.8	J	ug/l	0.55	J	ug/l	0.63	U	ug/l												
Arsenic	0.44		ug/l	0.23	J	ug/l	0.38	J	ug/l	0.23	J	ug/l												
Barium	51		ug/l	52		ug/l	26	J	ug/l	26	J	ug/l												
Beryllium	1	U	ug/l	0.35	U	ug/l	0.11	U	ug/l	0.11	U	ug/l												
Cadmium	8.1		ug/l	7.2		ug/l	2.6	J	ug/l	2.6	J	ug/l	8		ug/l	8.5		ug/l	11		ug/l	12		ug/l
Calcium	15000		ug/l	15000		ug/l	7100		ug/l	7300		ug/l				19000		ug/l				19000		ug/l
Chromium	5	U	ug/l	6	U	ug/l	0.4	U	ug/l	0.4	U	ug/l												
Cobalt	5	U	ug/l	5	U	ug/l	0.053	J	ug/l	0.053	J	ug/l												
Copper	1.1		ug/l	1.6	J	ug/l	0.83	J	ug/l	1	J	ug/l												
Cyanide																								
Iron	17		ug/l	63	J	ug/l	43	J	ug/l	81	J	ug/l												
Lead	21		ug/l	43		ug/l	7.9		ug/l	18		ug/l	19		ug/l	11		ug/l	23		ug/l	9.5		ug/l
Lithium																								
Magnesium	4100		ug/l	4000		ug/l	1900	J	ug/l	2000	J	ug/l				5500		ug/l				5200		ug/l
Manganese	42		ug/l	48		ug/l	17		ug/l	22		ug/l												
Mercury	0.2	U	ug/l	0.84	J	ug/l	0.16	U	ug/l	0.16	U	ug/l												
Molybdenum																								
Nickel	0.83		ug/l	5	U	ug/l	0.24	J	ug/l	0.23	U	ug/l												
Potassium	800		ug/l	740	J	ug/l	1600	U	ug/l	1600	U	ug/l												
Selenium	1	U	ug/l	0.21	U	ug/l	1.3	U	ug/l	1.3	U	ug/l												
Silicon																								
Silver	0.03	U	ug/l	0.22	U	ug/l	0.042	U	ug/l	0.042	U	ug/l												
Sodium	2500		ug/l	2500		ug/l	1200	J	ug/l	1300	J	ug/l												
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.017	U	ug/l	0.058	U	ug/l	0.058	U	ug/l												
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l	0.11	U	ug/l	0.11	U	ug/l												
Zinc	1200		ug/l	1200		ug/l	410		ug/l	420		ug/l	1100		ug/l	1200		ug/l	1700		ug/l	1900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF239			SF239			SF239			SF239			SF239			SF239			SF239			SF239		
Location Cross Ref.	SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186922			186922			186923			186923			186924			186924			186925			186925		
Sample Date	12/10/1998			12/10/1998			12/29/1998			12/29/1998			12/29/1998			12/29/1998			03/24/1999			03/24/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	11		ug/l	11		ug/l	8		ug/l	8.4		ug/l	8		ug/l	8.5		ug/l	8		ug/l	7.3		ug/l
Calcium				17000		ug/l				16000		ug/l				17000		ug/l				13000		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	24		ug/l	14		ug/l	33		ug/l	5.6		ug/l	32		ug/l	5.7		ug/l	49		ug/l	8.5		ug/l
Lithium																								
Magnesium				5100		ug/l				4600		ug/l				4800		ug/l				3600		ug/l
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1700		ug/l	1700		ug/l				1300		ug/l	1300		ug/l	1400		ug/l	1100		ug/l	1100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF239			SF239			SF239			SF239			SF239			SF239			SF239			SF239		
Location Cross Ref.	SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186926			186926			186927			186927			186928			186928			186929			186929		
Sample Date	04/19/1999			04/19/1999			05/05/1999			05/05/1999			05/24/1999			05/24/1999			05/26/1999			05/26/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	5		ug/l	4.9		ug/l	4		ug/l	3.5		ug/l	3		ug/l	1.7		ug/l	4		ug/l	1.3		ug/l
Calcium				13000		ug/l				9900		ug/l				6100		ug/l				5000		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron							70		ug/l	7.1		ug/l	1600		ug/l	7		ug/l	3700		ug/l	11		ug/l
Lead	13		ug/l	3.6		ug/l	17		ug/l	6.6		ug/l	390		ug/l	4.9		ug/l	540		ug/l	5.4		ug/l
Lithium																								
Magnesium				4000		ug/l				2900		ug/l				1600		ug/l				1300		ug/l
Manganese							37		ug/l	27		ug/l	290		ug/l	16		ug/l	360		ug/l	14		ug/l
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium										1900		ug/l										840		ug/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	690		ug/l	710		ug/l	500		ug/l	540		ug/l	450		ug/l	240		ug/l	520		ug/l	200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF239			SF239			SF239			SF239			SF239			SF239			SF239			SF239		
Location Cross Ref.	SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186930			186930			186931			186931			186932			186932			202140			202140		
Sample Date	05/27/1999			05/27/1999			06/01/1999			06/01/1999			06/16/1999			06/16/1999			07/15/1999			07/15/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2		ug/l	1.7		ug/l	2		ug/l	1.7		ug/l	2		ug/l	1.3		ug/l				3.2		ug/l
Calcium				5800		ug/l				6200		ug/l				5000		ug/l	8.7		mg/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron	550		ug/l	5.9		ug/l	190		ug/l	10	U	ug/l												
Lead	110		ug/l	4.4		ug/l	37		ug/l	5.3		ug/l	110		ug/l	4.4		ug/l				19		ug/l
Lithium																								
Magnesium				1600		ug/l				1700		ug/l				1300		ug/l	2.4		mg/l			
Manganese	89		ug/l	14		ug/l	35		ug/l	14		ug/l												
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																820		ug/l	1.5		mg/l			
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	290		ug/l	250		ug/l	260		ug/l	250		ug/l	220		ug/l	180		ug/l				420		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF239			SF239			SF239			SF239			SF239			SF239			SF239			SF240		
Location Cross Ref.	SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF-150/SF-6			SF240		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(2) URS/MEL		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202140			202141			202141			202141			202142			202142			202142			168445		
Sample Date	07/15/1999			08/05/1999			08/05/1999			08/05/1999			09/01/1999			09/01/1999			09/01/1999			11/08/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			6010			D6010			D6010			6010			D6010			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																						20	U	ug/l
Antimony																						1.6		ug/l
Arsenic																						0.8		ug/l
Barium																						27		ug/l
Beryllium																						1	U	ug/l
Cadmium	3		ug/l				5		ug/l	5		ug/l				6.9		ug/l	7		ug/l	0.04	U	ug/l
Calcium				13		mg/l							17		mg/l							13000		ug/l
Chromium																						5	U	ug/l
Cobalt																						5	U	ug/l
Copper																						0.74		ug/l
Cyanide																								
Iron																						10	U	ug/l
Lead	7		ug/l				42		ug/l	15		ug/l				19		ug/l	13		ug/l	0.16		ug/l
Lithium																								
Magnesium				3.8		mg/l							4.9		mg/l							4800		ug/l
Manganese																						1	U	ug/l
Mercury																						0.2	U	ug/l
Molybdenum																								
Nickel																						0.3	U	ug/l
Potassium																						1200		ug/l
Selenium																						1	U	ug/l
Silicon																								
Silver																						0.03	U	ug/l
Sodium				2.4		mg/l							3.2		mg/l							1900		ug/l
Strontium																								
Sulfur																								
Thallium																						0.5	U	ug/l
Titanium																								
Uranium																								
Vanadium																						3	U	ug/l
Zinc	430		ug/l				540		ug/l	560		ug/l				900		ug/l	1000		ug/l	10		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF240			SF240			SF240			SF241			SF241			SF241			SF241			SF241		
Location Cross Ref.	SF240			SF240			SF240			SF-154			SF-154			SF-154			SF-154			SF-154		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/LAUCKS			(3) URS/SWRI			(3) URS/SWRI			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168445			46348			46348			172089			172089			172089			172089			172089		
Sample Date	11/08/1997			05/09/1998			05/09/1998			10/02/1991			10/02/1991			10/02/1991			10/02/1991			10/02/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	26	U	ug/l	50	U	ug/l	50	U	ug/l															
Antimony	1.8	J	ug/l	1.3		ug/l	1.2		ug/l															
Arsenic	0.63	J	ug/l	1	U	ug/l	1	U	ug/l															
Barium	28	U	ug/l	26		ug/l	27		ug/l															
Beryllium	0.35	U	ug/l	1	U	ug/l	1	U	ug/l															
Cadmium	0.069	U	ug/l	0.1	U	ug/l	0.1	U	ug/l				0.006		mg/l				0.01		mg/l			
Calcium	12000		ug/l	11000		ug/l	11000		ug/l															
Chromium	6	U	ug/l	5	U	ug/l	5	U	ug/l															
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Copper	0.97	J	ug/l	3	U	ug/l	3	U	ug/l															
Cyanide																								
Iron	5	UJ	ug/l	21		ug/l	20	U	ug/l															
Lead	0.54		ug/l	0.5	U	ug/l	0.61		ug/l							0.021		mg/l				0.005		mg/l
Lithium																								
Magnesium	4600		ug/l	4700		ug/l	4600		ug/l															
Manganese	1.1	U	ug/l	5	U	ug/l	5	U	ug/l															
Mercury	0.1	U	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l															
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Potassium	1500		ug/l	1100		ug/l	950		ug/l															
Selenium	0.21	U	ug/l	1	U	ug/l	1	U	ug/l															
Silicon																								
Silver	0.22	UJ	ug/l	0.3	U	ug/l	0.3	U	ug/l															
Sodium	1900		ug/l	1600		ug/l	1500		ug/l															
Strontium																								
Sulfur																								
Thallium	0.017	U	ug/l	0.1	U	ug/l	0.1	U	ug/l															
Titanium																								
Uranium																								
Vanadium	2	U	ug/l	5	U	ug/l	5	U	ug/l															
Zinc	17	U	ug/l	7.4		ug/l	6.8		ug/l	1.1		mg/l							0.66		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF241		SF241		SF242		SF242		SF242		SF242		SF243		SF243	
Location Cross Ref.	SF-154		SF-154		SF242		SF242		SF242		SF242		SF243		SF243	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(2) URS/MEL		(2) URS/LAUCKS		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(2) URS/MEL		(2) URS/LAUCKS	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	168446		168446		168447		168447		46347		46347		168448		168448	
Sample Date	11/07/1997		11/07/1997		11/08/1997		11/08/1997		05/08/1998		05/08/1998		11/08/1997		11/08/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	20 U	ug/l	26 U	ug/l	20 U	ug/l	26 U	ug/l	50 U	ug/l	50 U	ug/l	20 U	ug/l	26 U	ug/l
Antimony	2.6	ug/l	2.9 J	ug/l	6.4	ug/l	7	ug/l	3.6	ug/l	3.6	ug/l	2.6	ug/l	3 J	ug/l
Arsenic	0.45	ug/l	0.61 J	ug/l	0.74	ug/l	0.8 J	ug/l	2 U	ug/l	2 U	ug/l	0.42	ug/l	0.48 J	ug/l
Barium	53	ug/l	53	ug/l	23	ug/l	23 U	ug/l	21	ug/l	22	ug/l	52	ug/l	53	ug/l
Beryllium	1 U	ug/l	0.35 U	ug/l	1 U	ug/l	0.35 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l	0.35 U	ug/l
Cadmium	8.1	ug/l	7.1	ug/l	0.087	ug/l	0.1 J	ug/l	0.2 U	ug/l	0.2 U	ug/l	8	ug/l	7.6	ug/l
Calcium	15000	ug/l	15000	ug/l	28000	ug/l	27000	ug/l	25000	ug/l	24000	ug/l	15000	ug/l	15000	ug/l
Chromium	5 U	ug/l	6 U	ug/l	5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	6 U	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	10 U	ug/l	10 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	1.1	ug/l	1.6 J	ug/l	1.3	ug/l	1.6 J	ug/l	2 U	ug/l	2	ug/l	1	ug/l	1.3 J	ug/l
Cyanide																
Iron	17	ug/l	64 J	ug/l	10 U	ug/l	17 UJ	ug/l	20 U	ug/l	20 U	ug/l	17	ug/l	32 UJ	ug/l
Lead	20	ug/l	41	ug/l	0.1	ug/l	0.94	ug/l	0.6	ug/l	0.6	ug/l	18	ug/l	32	ug/l
Lithium																
Magnesium	4300	ug/l	4100	ug/l	6000	ug/l	5600	ug/l	4300	ug/l	3900	ug/l	4200	ug/l	4000	ug/l
Manganese	44	ug/l	49	ug/l	1 U	ug/l	4.5 U	ug/l	5 U	ug/l	5 U	ug/l	46	ug/l	49	ug/l
Mercury	0.2 U	ug/l	0.28 UJ	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.5 U	ug/l	0.2 U	ug/l	0.1 U	ug/l
Molybdenum																
Nickel	0.83	ug/l	5 U	ug/l	0.57	ug/l	5 U	ug/l	20 U	ug/l	20 U	ug/l	0.79	ug/l	5 U	ug/l
Potassium	700 U	ug/l	890	ug/l	700 U	ug/l	660 J	ug/l	2000 U	ug/l	2000 U	ug/l	730	ug/l	750 J	ug/l
Selenium	1 U	ug/l	0.21 U	ug/l	1 U	ug/l	0.21 U	ug/l	2 U	ug/l	2 U	ug/l	1 U	ug/l	0.21 U	ug/l
Silicon																
Silver	0.03 U	ug/l	0.22 U	ug/l	0.03 U	ug/l	0.22 UJ	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.03 U	ug/l	0.22 UJ	ug/l
Sodium	2700	ug/l	2700	ug/l	930	ug/l	970	ug/l	860	ug/l	840	ug/l	2700	ug/l	2600	ug/l
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.017 U	ug/l	0.5 U	ug/l	0.017 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.5 U	ug/l	0.12 U	ug/l
Titanium																
Uranium																
Vanadium	3 U	ug/l	2 U	ug/l	3 U	ug/l	2 U	ug/l	10 U	ug/l	10 U	ug/l	3 U	ug/l	2 U	ug/l
Zinc	1100	ug/l	1100	ug/l	23	ug/l	27 U	ug/l	20	ug/l	17	ug/l	1200	ug/l	1200	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF244			SF244			SF244			SF244			SF245			SF245			SF245			SF245		
Location Cross Ref.	SF244			SF244			SF244			SF244			NG-1			NG-1			NG-1			NG-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168449			168449			46346			46346			172060			172060			172060			172060		
Sample Date	11/08/1997			11/08/1997			05/08/1998			05/08/1998			05/14/1991			05/14/1991			05/14/1991			05/14/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			7131			7421			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	26	U	ug/l	50	U	ug/l	50	U	ug/l												
Antimony	5.7		ug/l	6.3		ug/l	1.4		ug/l	1.4		ug/l												
Arsenic	0.58		ug/l	0.6	J	ug/l	2	U	ug/l	2	U	ug/l												
Barium	44		ug/l	45		ug/l	18		ug/l	20		ug/l												
Beryllium	1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l												
Cadmium	0.04	U	ug/l	0.069	U	ug/l	0.2	U	ug/l	0.2	U	ug/l				0.0002	U	mg/l				0.0002	U	mg/l
Calcium	26000		ug/l	25000		ug/l	7900		ug/l	7500		ug/l												
Chromium	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l												
Cobalt	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l												
Copper	0.52		ug/l	0.3	J	ug/l	2	U	ug/l	2		ug/l												
Cyanide																								
Iron	10	U	ug/l	5	UJ	ug/l	20	U	ug/l	35		ug/l												
Lead	0.1	U	ug/l	0.2	J	ug/l	0.2	U	ug/l	0.3		ug/l							0.003	U	mg/l			
Lithium																								
Magnesium	6400		ug/l	6100		ug/l	1700		ug/l	1600		ug/l												
Manganese	1	U	ug/l	1.7	U	ug/l	5	U	ug/l	7		ug/l												
Mercury	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.5	U	ug/l												
Molybdenum																								
Nickel	0.52		ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l												
Potassium	700	U	ug/l	750		ug/l	2000	U	ug/l	2000	U	ug/l												
Selenium	1	U	ug/l	0.21	U	ug/l	2	U	ug/l	2	U	ug/l												
Silicon																								
Silver	0.03	U	ug/l	0.22	UJ	ug/l	0.2	U	ug/l	0.2	U	ug/l												
Sodium	1200		ug/l	1300		ug/l	810		ug/l	820		ug/l												
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l												
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l												
Zinc	3.6		ug/l	9.7	U	ug/l	10	U	ug/l	10	U	ug/l	0.02	U	mg/l							0.02	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF245			SF245			SF245			SF245			SF245			SF245			SF245			SF245		
Location Cross Ref.	NG-1			NG-1			NG-1			NG-1			NG-1			NG-1			NG-1			NG-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172060			172094			172094			172094			172094			172094			168450			168450		
Sample Date	05/14/1991			10/03/1991			10/03/1991			10/03/1991			10/03/1991			10/03/1991			11/07/1997			11/07/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D7421			6010			7131			7421			D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																			20	U	ug/l	26	U	ug/l
Antimony																			0.75		ug/l	0.83	U	ug/l
Arsenic																			0.23		ug/l	0.23	J	ug/l
Barium																			29		ug/l	29		ug/l
Beryllium																			1	U	ug/l	0.35	U	ug/l
Cadmium							0.0002	U	mg/l				0.0002	U	mg/l				0.04	U	ug/l	0.069	U	ug/l
Calcium																			11000		ug/l	10000		ug/l
Chromium																			5	U	ug/l	6	U	ug/l
Cobalt																			5	U	ug/l	5	U	ug/l
Copper																			0.75		ug/l	0.66	J	ug/l
Cyanide																								
Iron																			10	U	ug/l	13	U	ug/l
Lead	0.003	U	mg/l							0.001	U	mg/l				0.001	U	mg/l	0.43		ug/l	0.88		ug/l
Lithium																								
Magnesium																			4600		ug/l	4400		ug/l
Manganese																			2.5		ug/l	3	J	ug/l
Mercury																			0.2	U	ug/l	0.13	UJ	ug/l
Molybdenum																								
Nickel																			0.48		ug/l	5	U	ug/l
Potassium																			1300		ug/l	1600		ug/l
Selenium																			1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver																			0.03	U	ug/l	0.22	U	ug/l
Sodium																			4900		ug/l	4900		ug/l
Strontium																								
Sulfur																								
Thallium																			0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium																			3	U	ug/l	2	U	ug/l
Zinc				0.033		mg/l							0.012	U	mg/l				15		ug/l	21		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF245			SF245			SF245			SF245			SF246			SF246			SF247			SF247		
Location Cross Ref.	NG-1			NG-1			NG-1			NG-1			SF246			SF246			SF247			SF247		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46343			46343			46344			46344			46345			46345			168451			168451		
Sample Date	05/08/1998			05/08/1998			05/08/1998			05/08/1998			05/08/1998			05/08/1998			11/07/1997			11/07/1997		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	20	U	ug/l	77	J	ug/l
Antimony	0.7		ug/l	0.6		ug/l	0.7		ug/l	0.7		ug/l	0.7		ug/l	0.7		ug/l	2.5		ug/l	2.8	J	ug/l
Arsenic	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	0.4		ug/l	0.41	J	ug/l
Barium	24		ug/l	25		ug/l	23		ug/l	25		ug/l	44		ug/l	43		ug/l	55		ug/l	56		ug/l
Beryllium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	0.35	U	ug/l
Cadmium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	8.7		ug/l	7.8		ug/l
Calcium	8300		ug/l	8200		ug/l	8200		ug/l	8300		ug/l	31000		ug/l	28000		ug/l	16000		ug/l	16000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l
Cobalt	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	1.1		ug/l	1.2	J	ug/l
Cyanide																								
Iron	20	U	ug/l	43		ug/l	20	U	ug/l	44		ug/l	20	U	ug/l	28		ug/l	17		ug/l	45	J	ug/l
Lead	0.2		ug/l	1.1		ug/l	0.2	U	ug/l	1.1		ug/l	0.2		ug/l	1.6		ug/l	20		ug/l	31		ug/l
Lithium																								
Magnesium	3500		ug/l	3400		ug/l	3400		ug/l	3500		ug/l	5800		ug/l	5300		ug/l	4500		ug/l	4400		ug/l
Manganese	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	45		ug/l	49		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.2	U	ug/l	0.1	UJ	ug/l
Molybdenum																								
Nickel	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	20	U	ug/l	0.82		ug/l	5	U	ug/l
Potassium	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	2000	U	ug/l	700	U	ug/l	880		ug/l
Selenium	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.03	U	ug/l	0.22	U	ug/l
Sodium	3300		ug/l	3300		ug/l	3300		ug/l	3300		ug/l	1000		ug/l	980		ug/l	2800		ug/l	2900		ug/l
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	3	U	ug/l	2	U	ug/l
Zinc	10	U	ug/l	12		ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	10	U	ug/l	1200		ug/l	1300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF247			SF247			SF248			SF248			SF248			SF248			SF248			SF248		
Location Cross Ref.	SF247			SF247			TWO-1			TWO-1			TWO-1			TWO-1			TWO-1			TWO-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168517			168517			172061			172061			172061			172061			172061			172095		
Sample Date	11/07/1997			11/07/1997			05/14/1991			05/14/1991			05/14/1991			05/14/1991			05/14/1991			10/03/1991		
Sample Type	Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			6010			7131			7421			D6010			D7421			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	26	U	ug/l																		
Antimony	2.6		ug/l	2.7	J	ug/l																		
Arsenic	0.43		ug/l	0.42	J	ug/l																		
Barium	57		ug/l	55		ug/l																		
Beryllium	1	U	ug/l	0.35	U	ug/l																		
Cadmium	8.9		ug/l	7.7		ug/l				0.0002	U	mg/l				0.0002	U	mg/l						
Calcium	16000		ug/l	16000		ug/l																		
Chromium	5	U	ug/l	6	U	ug/l																		
Cobalt	5	U	ug/l	5	U	ug/l																		
Copper	1		ug/l	1.3	J	ug/l																		
Cyanide																								
Iron	15		ug/l	45	J	ug/l																		
Lead	21		ug/l	31		ug/l							0.003	U	mg/l				0.003		mg/l			
Lithium																								
Magnesium	4700		ug/l	4300		ug/l																		
Manganese	46		ug/l	50		ug/l																		
Mercury	0.2	U	ug/l	0.34	UJ	ug/l																		
Molybdenum																								
Nickel	0.87		ug/l	5	U	ug/l																		
Potassium	700	U	ug/l	870		ug/l																		
Selenium	1	U	ug/l	0.53	U	ug/l																		
Silicon																								
Silver	0.03	U	ug/l	0.22	U	ug/l																		
Sodium	2800		ug/l	2800		ug/l																		
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.017	U	ug/l																		
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l																		
Zinc	1300		ug/l	1300		ug/l	0.02	U	mg/l							0.02	U	mg/l				0.021		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF248			SF248			SF248			SF248			SF248			SF248			SF248			SF248		
Location Cross Ref.	TWO-1			TWO-1			TWO-1			TWO-1			TWO-1			TWO-1			TWO-1			TWO-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172095			172095			172095			172095			168452			168452			46342			46342		
Sample Date	10/03/1991			10/03/1991			10/03/1991			10/03/1991			11/07/1997			11/07/1997			05/08/1998			05/08/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7131			7421			D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum													20	U	ug/l	48	J	ug/l	50	U	ug/l	50	U	ug/l
Antimony													0.5	U	ug/l	0.29	U	ug/l	0.2		ug/l	0.2		ug/l
Arsenic													0.22		ug/l	0.21	J	ug/l	2	U	ug/l	2	U	ug/l
Barium													38		ug/l	39		ug/l	32		ug/l	32		ug/l
Beryllium													1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Cadmium	0.0002	U	mg/l				0.0002	U	mg/l				0.04	U	ug/l	0.069	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Calcium													12000		ug/l	12000		ug/l	9100		ug/l	9200		ug/l
Chromium													5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt													5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l
Copper													1		ug/l	0.56	J	ug/l	2	U	ug/l	2		ug/l
Cyanide																								
Iron													22		ug/l	63	J	ug/l	20	U	ug/l	40		ug/l
Lead				0.001	U	mg/l				0.001	U	mg/l	0.68		ug/l	3		ug/l	0.2	U	ug/l	0.4		ug/l
Lithium																								
Magnesium													3100		ug/l	3000		ug/l	2100		ug/l	2100		ug/l
Manganese													4.1		ug/l	8	J	ug/l	5	U	ug/l	5	U	ug/l
Mercury													2.6		ug/l	0.28	UJ	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel													0.49		ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l
Potassium													1400		ug/l	1400		ug/l	2000	U	ug/l	2000	U	ug/l
Selenium													1	U	ug/l	0.48	U	ug/l	2	U	ug/l	2	U	ug/l
Silicon																								
Silver													0.03	U	ug/l	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Sodium													2600		ug/l	2600		ug/l	2000		ug/l	2000		ug/l
Strontium																								
Sulfur																								
Thallium													0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium													3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l
Zinc							0.012	U	mg/l				7.4		ug/l	11	J	ug/l	10	U	ug/l	10	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF248			SF248			SF248			SF249			SF249			SF249			SF249			SF249		
Location Cross Ref.	TWO-1			TWO-1			TWO-1			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186934			186934			186934			172062			172062			172062			172062			172062		
Sample Date	05/22/1999			05/22/1999			05/22/1999			05/14/1991			05/14/1991			05/14/1991			05/14/1991			05/14/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	U	ug/l										0.0023		mg/l				0.0022		mg/l			
Calcium				6.9		mg/l																		
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron				0.03	U	mg/l	10		ug/l															
Lead	1	U	ug/l													0.031		mg/l				0.003	U	mg/l
Lithium																								
Magnesium				1.4		mg/l																		
Manganese				0.02	U	mg/l	1		ug/l															
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium				1.6		mg/l																		
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.5		ug/l							0.43		mg/l							0.37		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF249			SF249			SF249			SF249			SF249			SF249			SF249			SF249		
Location Cross Ref.	SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172096			172096			172096			172096			172096			173509			173509			173510		
Sample Date	10/03/1991			10/03/1991			10/03/1991			10/03/1991			10/03/1991			10/29/1993			10/29/1993			12/02/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			7131			7421			D6010			D7421			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.009		mg/l				0.014		mg/l				8.2		ug/l	8.7		ug/l	8.4		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.017		mg/l				0.008		mg/l	20		ug/l	12		ug/l	30		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.7		mg/l							1.5		mg/l				1600		ug/l	1600		ug/l	1700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF249			SF249			SF249			SF249			SF249			SF249			SF249			SF249		
Location Cross Ref.	SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173510			173511			173511			173512			173512			173513			173513			173514		
Sample Date	12/02/1993			12/20/1993			12/20/1993			01/19/1994			01/19/1994			02/17/1994			02/17/1994			03/07/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	8.4		ug/l	12		ug/l	12		ug/l	9.4		ug/l	9.6		ug/l	8.8		ug/l	8.4		ug/l	7		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	10		ug/l	22		ug/l	10		ug/l	19		ug/l	10		ug/l	19		ug/l	9		ug/l	22		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1700		ug/l	1900		ug/l	1900		ug/l	1400		ug/l	1400		ug/l	1500		ug/l	1500		ug/l	1300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF249			SF249			SF249			SF249			SF249			SF249			SF249			SF249		
Location Cross Ref.	SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173514			173515			173515			173516			173516			173517			173517			173518		
Sample Date	03/07/1994			03/23/1994			03/23/1994			04/06/1994			04/06/1994			04/18/1994			04/18/1994			05/03/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	7.7		ug/l	8		ug/l	7.7		ug/l	6		ug/l	5.6		ug/l	5.1		ug/l	3.8		ug/l	4.2		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	10		ug/l	22		ug/l	11		ug/l	24		ug/l	8		ug/l	180		ug/l	6		ug/l	13		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1400		ug/l	1400		ug/l	1400		ug/l	870		ug/l	870		ug/l	820		ug/l	600		ug/l	540		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF249			SF249			SF249			SF249			SF249			SF249			SF249			SF249		
Location Cross Ref.	SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173518			173519			173519			173520			173520			173521			173521			173522		
Sample Date	05/03/1994			05/20/1994			05/20/1994			06/08/1994			06/08/1994			06/24/1994			06/24/1994			07/23/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	4.2		ug/l	4.2		ug/l	4		ug/l	5		ug/l	5.4		ug/l	6.7		ug/l	6.8		ug/l	6.9		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	9		ug/l	18		ug/l	7		ug/l	19		ug/l	11		ug/l	18		ug/l	10		ug/l	20		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	570		ug/l	550		ug/l	550		ug/l	790		ug/l	810		ug/l	880		ug/l	880		ug/l	880		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF249			SF249			SF249			SF249			SF249			SF249			SF249			SF249		
Location Cross Ref.	SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173522			173523			173523			173524			173524			173525			173525			173526		
Sample Date	07/23/1994			08/16/1994			08/16/1994			09/09/1994			09/09/1994			10/05/1994			10/05/1994			11/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	7		ug/l	8.6		ug/l	9.1		ug/l	9.2		ug/l	9.8		ug/l	9.2		ug/l	9.1		ug/l	13		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	12		ug/l	22		ug/l	11		ug/l	16		ug/l	11		ug/l	17		ug/l	8		ug/l	23		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	860		ug/l	1000		ug/l	1000		ug/l	1400		ug/l	1400		ug/l	1300		ug/l	1300		ug/l	2200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF249			SF249			SF249			SF249			SF249			SF249			SF249			SF249		
Location Cross Ref.	SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173526			173527			173527			173528			173528			173529			173529			173530		
Sample Date	11/15/1994			12/14/1994			12/14/1994			01/11/1995			01/11/1995			02/09/1995			02/09/1995			03/08/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	14		ug/l	14		ug/l	15		ug/l	7.5		ug/l	6.7		ug/l	6.6		ug/l	6.4		ug/l	6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	16		ug/l	16		ug/l	11		ug/l	45		ug/l	6		ug/l	16		ug/l	9		ug/l	16		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2200		ug/l	2100		ug/l	2200		ug/l	1200		ug/l	1200		ug/l	1000		ug/l	1000		ug/l	1000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF249		SF249		SF249		SF249		SF249		SF249		SF249		SF249	
Location Cross Ref.	SF-170/SF-5		SF-170/SF-5		SF-170/SF-5		SF-170/SF-5		SF-170/SF-5		SF-170/SF-5		SF-170/SF-5		SF-170/SF-5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173530		173531		173531		173532		173532		173533		173533		173534	
Sample Date	03/08/1995		03/22/1995		03/22/1995		04/13/1995		04/13/1995		04/25/1995		04/25/1995		05/11/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	6.7	ug/l	5.9	ug/l	7.6	ug/l	6.2	ug/l	5.3	ug/l	7	ug/l	6.2	ug/l	4.2	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	10	ug/l	20	ug/l	17	ug/l	22	ug/l	9	ug/l	19	ug/l	11	ug/l	56	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1000	ug/l	860	ug/l	1200	ug/l	860	ug/l	870	ug/l	820	ug/l	850	ug/l	540	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF249		SF249		SF249		SF249		SF249		SF249		SF249		SF249	
Location Cross Ref.	SF-170/SF-5		SF-170/SF-5		SF-170/SF-5		SF-170/SF-5		SF-170/SF-5		SF-170/SF-5		SF-170/SF-5		SF-170/SF-5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173534		173535		173535		173536		173536		173537		173537		173538	
Sample Date	05/11/1995		05/23/1995		05/23/1995		06/13/1995		06/13/1995		06/28/1995		06/28/1995		07/12/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	3.7	ug/l	4.3	ug/l	3.8	ug/l	4.8	ug/l	4.4	ug/l	5.6	ug/l	5.6	ug/l	6.3	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	9	ug/l	19	ug/l	9	ug/l	68	ug/l	15	ug/l	18	ug/l	11	ug/l	15	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	480	ug/l	450	ug/l	430	ug/l	560	ug/l	530	ug/l	740	ug/l	740	ug/l	830	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF249			SF249			SF249			SF249			SF249			SF249			SF249			SF249		
Location Cross Ref.	SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173538			173539			173539			173540			173540			173541			173541			168453		
Sample Date	07/12/1995			07/26/1995			07/26/1995			08/15/1995			08/15/1995			09/14/1995			09/14/1995			11/06/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																						20	U	ug/l
Antimony																						2.5		ug/l
Arsenic																						0.42		ug/l
Barium																						56		ug/l
Beryllium																						1	U	ug/l
Cadmium	6.5		ug/l	7.7		ug/l	7.4		ug/l	8.3		ug/l	8		ug/l	9.1		ug/l	9.2		ug/l	8.4		ug/l
Calcium																						16000		ug/l
Chromium																						5	U	ug/l
Cobalt																						5	U	ug/l
Copper																						1.1		ug/l
Cyanide																								
Iron																						17		ug/l
Lead	10		ug/l	18		ug/l	15		ug/l	19		ug/l	11		ug/l	18		ug/l	12		ug/l	20		ug/l
Lithium																								
Magnesium																						4600		ug/l
Manganese																						44		ug/l
Mercury																						0.51		ug/l
Molybdenum																								
Nickel																						0.87		ug/l
Potassium																						700	U	ug/l
Selenium																						1	U	ug/l
Silicon																								
Silver																						0.03	U	ug/l
Sodium																						2900		ug/l
Strontium																								
Sulfur																								
Thallium																						0.5	U	ug/l
Titanium																								
Uranium																								
Vanadium																						3	U	ug/l
Zinc	860		ug/l	990		ug/l	1000		ug/l	1200		ug/l	1200		ug/l	1300		ug/l	1300		ug/l	1200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF249		SF249		SF249		SF249		SF249		SF249		SF249		SF249	
Location Cross Ref.	SF-170/SF-5		SF-170/SF-5		SF-170/SF-5		SF-170/SF-5		SF-170/SF-5		SF-170/SF-5		SF-170/SF-5		SF-170/SF-5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI		(3) URS/SWRI		(3) URS/SWRI		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	168453		46547		46547		46548		46548		186935		186935		186936	
Sample Date	11/06/1997		05/12/1998		05/12/1998		05/12/1998		05/12/1998		04/19/1999		04/19/1999		05/05/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	26 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l	50 U	ug/l						
Antimony	2.8 U	ug/l	1	ug/l	1.2	ug/l	1	ug/l	1.1	ug/l						
Arsenic	0.47	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l						
Barium	55	ug/l	28	ug/l	29	ug/l	28	ug/l	29	ug/l						
Beryllium	0.35 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l						
Cadmium	7.5	ug/l	2.7	ug/l	2.9	ug/l	2.7	ug/l	2.8	ug/l	5	ug/l	4.2	ug/l	4	ug/l
Calcium	15000	ug/l	7500	ug/l	7500	ug/l	7400	ug/l	7400	ug/l			9500	ug/l		
Chromium	6 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l						
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l						
Copper	1.3	ug/l	3 U	ug/l	3 U	ug/l	3 U	ug/l	3 U	ug/l						
Cyanide																
Iron	43 J	ug/l	20 U	ug/l	64	ug/l	20 U	ug/l	73	ug/l					40	ug/l
Lead	31	ug/l	8.2	ug/l	21	ug/l	8.2	ug/l	21	ug/l	120	ug/l	4.2	ug/l	16	ug/l
Lithium																
Magnesium	4400	ug/l	2100	ug/l	2100	ug/l	2100	ug/l	2100	ug/l			2700	ug/l		
Manganese	47	ug/l	17	ug/l	22	ug/l	17	ug/l	22	ug/l					35	ug/l
Mercury	0.1 U	ug/l	0.2 UJ	ug/l	0.2 UJ	ug/l	0.2 UJ	ug/l	0.2 UJ	ug/l						
Molybdenum																
Nickel	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l						
Potassium	900	ug/l	370	ug/l	370	ug/l	430	ug/l	390	ug/l						
Selenium	0.3	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l						
Silicon																
Silver	0.22 U	ug/l	0.3 U	ug/l	0.3 U	ug/l	0.3 U	ug/l	0.3 U	ug/l						
Sodium	2900	ug/l	1300	ug/l	1300	ug/l	1300	ug/l	1300	ug/l						
Strontium																
Sulfur																
Thallium	0.31 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l						
Titanium																
Uranium																
Vanadium	2 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l						
Zinc	1200	ug/l	370	ug/l	380	ug/l	370	ug/l	380	ug/l	740	ug/l	640	ug/l	510	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF249			SF249			SF249			SF249			SF249			SF249			SF249			SF249		
Location Cross Ref.	SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5			SF-170/SF-5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186936			186937			186937			186938			186938			186939			186939			186940		
Sample Date	05/05/1999			05/24/1999			05/24/1999			05/26/1999			05/26/1999			05/27/1999			05/27/1999			06/01/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	3.7		ug/l	4		ug/l	1.8		ug/l	4		ug/l	1.6		ug/l	2		ug/l	2		ug/l	2		ug/l
Calcium	10000		ug/l				6200		ug/l				5200		ug/l				6000		ug/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron	7.5		ug/l	1800		ug/l	8.9		ug/l	3200		ug/l	8.5		ug/l	850		ug/l	8.7		ug/l	200		ug/l
Lead	6.2		ug/l	380		ug/l	5.3		ug/l	500		ug/l	4.4		ug/l	160		ug/l	4.1		ug/l	39		ug/l
Lithium																								
Magnesium	3000		ug/l				1700		ug/l				1400		ug/l				1600		ug/l			
Manganese	28		ug/l	300		ug/l	18		ug/l	390		ug/l	17		ug/l	140		ug/l	15		ug/l	38		ug/l
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium	2000		ug/l										890		ug/l									
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	550		ug/l	500		ug/l	250		ug/l	630		ug/l	220		ug/l	350		ug/l	260		ug/l	280		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF249			SF250			SF250			SF250			SF250			SF250			SF250			SF250		
Location Cross Ref.	SF-170/SF-5			MCFG-1			MCFG-1			MCFG-1			MCFG-1			MCFG-1			MCFG-1			MCFG-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(3) URS/COLUMBWA			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186940			172063			172063			172063			172063			172063			46337			46337		
Sample Date	06/01/1999			05/14/1991			05/14/1991			05/14/1991			05/14/1991			05/14/1991			05/08/1998			05/08/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			7131			7421			D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																			50	U	ug/l	50	U	ug/l
Antimony																			0.5		ug/l	0.4		ug/l
Arsenic																			2	U	ug/l	2	U	ug/l
Barium																			18		ug/l	18		ug/l
Beryllium																			0.2	U	ug/l	0.2	U	ug/l
Cadmium	2		ug/l				0.0002		mg/l				0.0002		mg/l				2.5		ug/l	2.2		ug/l
Calcium	6400		ug/l																8200		ug/l	8200		ug/l
Chromium																			5	U	ug/l	5	U	ug/l
Cobalt																			10	U	ug/l	10	U	ug/l
Copper																			2	U	ug/l	2	U	ug/l
Cyanide																								
Iron	5.2		ug/l																20	U	ug/l	35		ug/l
Lead	5.7		ug/l							0.003	U	mg/l				0.003	U	mg/l	0.4		ug/l	1.4		ug/l
Lithium																								
Magnesium	1800		ug/l																2100		ug/l	2100		ug/l
Manganese	15		ug/l																5	U	ug/l	6		ug/l
Mercury																			0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																			20	U	ug/l	20	U	ug/l
Potassium																			2000	U	ug/l	2000	U	ug/l
Selenium																			2	U	ug/l	2	U	ug/l
Silicon																								
Silver																			0.2	U	ug/l	0.2	U	ug/l
Sodium																			960		ug/l	930		ug/l
Strontium																								
Sulfur																								
Thallium																			0.2	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium																			10	U	ug/l	10	U	ug/l
Zinc	270		ug/l	0.032		mg/l							0.02	U	mg/l				270		ug/l	270		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF251			SF251			SF251			SF251			SF252			SF252			SF252			SF252		
Location Cross Ref.	SF251			SF251			SF251			SF251			TG-1			TG-1			TG-1			TG-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168454			168454			46341			46341			172064			172064			172064			172064		
Sample Date	11/06/1997			11/06/1997			05/08/1998			05/08/1998			05/14/1991			05/14/1991			05/14/1991			05/14/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			7131			7421			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	26	U	ug/l	50	U	ug/l	54		ug/l												
Antimony	0.52		ug/l	0.46	U	ug/l	0.4		ug/l	0.3		ug/l												
Arsenic	0.67		ug/l	0.49		ug/l	2	U	ug/l	2	U	ug/l												
Barium	11		ug/l	11	J	ug/l	10		ug/l	12		ug/l												
Beryllium	1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l												
Cadmium	0.04	U	ug/l	0.069	U	ug/l	0.2	U	ug/l	0.2	U	ug/l				0.0002	U	mg/l				0.0002	U	mg/l
Calcium	13000		ug/l	13000		ug/l	9500		ug/l	9300		ug/l												
Chromium	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l												
Cobalt	5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l												
Copper	0.63		ug/l	0.73	U	ug/l	2	U	ug/l	2	U	ug/l												
Cyanide																								
Iron	14		ug/l	45	J	ug/l	20	U	ug/l	270		ug/l												
Lead	0.1	U	ug/l	0.6		ug/l	0.2	U	ug/l	0.7		ug/l							0.003	U	mg/l			
Lithium																								
Magnesium	9300		ug/l	9000		ug/l	6500		ug/l	6400		ug/l												
Manganese	1		ug/l	3.3	J	ug/l	5	U	ug/l	16		ug/l												
Mercury	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l												
Molybdenum																								
Nickel	0.69		ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l												
Potassium	1600		ug/l	1400		ug/l	2000	U	ug/l	2000	U	ug/l												
Selenium	1	U	ug/l	0.55		ug/l	2	U	ug/l	2	U	ug/l												
Silicon																								
Silver	0.03	U	ug/l	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l												
Sodium	3900		ug/l	4000		ug/l	3400		ug/l	3300		ug/l												
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l												
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l												
Zinc	5		ug/l	8.8	U	ug/l	10	U	ug/l	10	U	ug/l	0.029		mg/l							0.02	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF252			SF252			SF252			SF252			SF252			SF252			SF252			SF252		
Location Cross Ref.	TG-1			TG-1			TG-1			TG-1			TG-1			TG-1			TG-1			TG-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172064			172097			172097			172097			172097			172097			168455			168455		
Sample Date	05/14/1991			10/02/1991			10/02/1991			10/02/1991			10/02/1991			10/02/1991			11/06/1997			11/06/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D7421			6010			7131			7421			D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																			20	U	ug/l	26	U	ug/l
Antimony																			0.5		ug/l	0.52	U	ug/l
Arsenic																			0.35		ug/l	0.3		ug/l
Barium																			18		ug/l	19	J	ug/l
Beryllium																			1	U	ug/l	0.35	U	ug/l
Cadmium							0.0002		mg/l				0.0002	U	mg/l				0.055		ug/l	0.069	U	ug/l
Calcium																			11000		ug/l	11000		ug/l
Chromium																			5	U	ug/l	6	U	ug/l
Cobalt																			5	U	ug/l	5	U	ug/l
Copper																			0.84		ug/l	0.77	U	ug/l
Cyanide																								
Iron																			10	U	ug/l	36	J	ug/l
Lead	0.003	U	mg/l							0.001		mg/l				0.001	U	mg/l	0.1		ug/l	0.73		ug/l
Lithium																								
Magnesium																			5500		ug/l	5300		ug/l
Manganese																			3.7		ug/l	7.9	J	ug/l
Mercury																			0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel																			0.8		ug/l	5	U	ug/l
Potassium																			1700		ug/l	2000		ug/l
Selenium																			1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver																			0.03	U	ug/l	0.22	U	ug/l
Sodium																			4000		ug/l	4000		ug/l
Strontium																								
Sulfur																								
Thallium																			0.5	U	ug/l	0.15	U	ug/l
Titanium																								
Uranium																								
Vanadium																			3	U	ug/l	2	U	ug/l
Zinc				0.048		mg/l							0.012		mg/l				28		ug/l	35		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF252			SF252			SF252			SF252			SF253			SF253			SF253			SF253		
Location Cross Ref.	TG-1			TG-1			TG-1			TG-1			SF-180			SF-180			SF-180			SF-180		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SOUND			(3) URS/SOUND			(18) USGS/OTHER			(18) USGS/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46339			46339			186941			186941			172065			172065			172065			172065		
Sample Date	05/07/1998			05/07/1998			05/22/1999			05/22/1999			05/14/1991			05/14/1991			05/14/1991			05/14/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			7131			7421			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.69	U	ug/l	17	J	ug/l																		
Antimony	0.032	U	ug/l	0.032	U	ug/l																		
Arsenic	0.25	J	ug/l	0.38	J	ug/l																		
Barium	12	J	ug/l	13	J	ug/l																		
Beryllium	0.11	U	ug/l	0.11	U	ug/l																		
Cadmium	0.042	U	ug/l	0.042	U	ug/l				1	UJ	ug/l				0.002		mg/l				0.0019		mg/l
Calcium	8200		ug/l	8300		ug/l				7400		ug/l												
Chromium	0.4	U	ug/l	0.4	U	ug/l																		
Cobalt	0.023	U	ug/l	0.023	U	ug/l																		
Copper	0.44	U	ug/l	0.44	U	ug/l																		
Cyanide																								
Iron	28	J	ug/l	61	J	ug/l	40		ug/l	7.7		ug/l												
Lead	0.11	U	ug/l	0.34	J	ug/l	500		ug/l	1		ug/l							0.021		mg/l			
Lithium																								
Magnesium	4300	J	ug/l	4400	J	ug/l				3900		ug/l												
Manganese	2.8	J	ug/l	4.1	J	ug/l	6		ug/l	4.3		ug/l												
Mercury	0.16	U	ug/l	0.16	U	ug/l																		
Molybdenum																								
Nickel	0.22	U	ug/l	0.22	U	ug/l																		
Potassium	1600	U	ug/l	1600	U	ug/l																		
Selenium	1.3	U	ug/l	1.3	U	ug/l																		
Silicon																								
Silver	0.042	U	ug/l	0.042	U	ug/l																		
Sodium	3200	J	ug/l	3200	J	ug/l				3200		ug/l												
Strontium																								
Sulfur																								
Thallium	0.058	U	ug/l	0.058	U	ug/l																		
Titanium																								
Uranium																								
Vanadium	0.11	J	ug/l	0.21	J	ug/l																		
Zinc	20		ug/l	19	J	ug/l	20		ug/l	23		ug/l	0.39		mg/l							0.35		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF253			SF253			SF253			SF253			SF253			SF253			SF253			SF253		
Location Cross Ref.	SF-180			SF-180			SF-180			SF-180			SF-180			SF-180			SF-180			SF-180		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172065			172098			172098			172098			172098			172098			168456			168456		
Sample Date	05/14/1991			10/02/1991			10/02/1991			10/02/1991			10/02/1991			10/02/1991			11/06/1997			11/06/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D7421			6010			7131			7421			D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																			20	U	ug/l	26	U	ug/l
Antimony																			2.4		ug/l	2.7	U	ug/l
Arsenic																			0.38		ug/l	0.39		ug/l
Barium																			52		ug/l	55		ug/l
Beryllium																			1	U	ug/l	0.35	U	ug/l
Cadmium							0.014		mg/l				0.013		mg/l				9.2		ug/l	7.9		ug/l
Calcium																			16000		ug/l	16000		ug/l
Chromium																			5	U	ug/l	6	U	ug/l
Cobalt																			5	U	ug/l	5	U	ug/l
Copper																			1		ug/l	1.6		ug/l
Cyanide																								
Iron																			12		ug/l	58	J	ug/l
Lead	0.003	U	mg/l							0.02		mg/l				0.006		mg/l	19		ug/l	27		ug/l
Lithium																								
Magnesium																			4500		ug/l	4500		ug/l
Manganese																			42		ug/l	48		ug/l
Mercury																			0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel																			0.92		ug/l	5	U	ug/l
Potassium																			1100		ug/l	960		ug/l
Selenium																			1	U	ug/l	0.3		ug/l
Silicon																								
Silver																			0.03	U	ug/l	0.22	U	ug/l
Sodium																			2800		ug/l	2900		ug/l
Strontium																								
Sulfur																								
Thallium																			0.5	U	ug/l	0.12	U	ug/l
Titanium																								
Uranium																								
Vanadium																			3	U	ug/l	2	U	ug/l
Zinc				1.8		mg/l							1.5		mg/l				1200		ug/l	1300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF253			SF253			SF253			SF253			SF253			SF253			SF254			SF254		
Location Cross Ref.	SF-180			SF-180			SF-180			SF-180			SF-180			SF-180			SF-183			SF-183		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(3) URS/SWRI			(3) URS/SWRI			(3) URS/SWRI			(18) USGS/OTHER			(18) USGS/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46545			46545			46644			46644			186942			186942			172099			172099		
Sample Date	05/12/1998			05/12/1998			05/18/1998			05/18/1998			05/24/1999			05/24/1999			10/02/1991			10/02/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			6010			D6010			6010			7131		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l												
Antimony	0.96		ug/l	1.1		ug/l	1.2		ug/l	1.1		ug/l												
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l												
Barium	28		ug/l	29		ug/l	33		ug/l	32		ug/l												
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l												
Cadmium	2.9		ug/l	3.1		ug/l	3.6		ug/l	3.6		ug/l	4		ug/l	1.9		ug/l				0.015		mg/l
Calcium	7700		ug/l	7700		ug/l	8700		ug/l	8500		ug/l				6200		ug/l						
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l												
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l												
Copper	3	U	ug/l	3	U	ug/l	3	U	ug/l	3	U	ug/l												
Cyanide																								
Iron	20	U	ug/l	91		ug/l	210		ug/l	20	U	ug/l	2200		ug/l	6.5		ug/l						
Lead	7.9		ug/l	22		ug/l	16		ug/l	7.1		ug/l	480		ug/l	5.6		ug/l						
Lithium																								
Magnesium	2100		ug/l	2100		ug/l	2400		ug/l	2400		ug/l				1700		ug/l						
Manganese	18		ug/l	25		ug/l	27		ug/l	21		ug/l	330		ug/l	19		ug/l						
Mercury	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	U	ug/l	0.2	U	ug/l												
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	10		ug/l	5	U	ug/l												
Potassium	370		ug/l	410		ug/l	500		ug/l	280		ug/l												
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l												
Silicon																								
Silver	0.3	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.3	U	ug/l												
Sodium	1300		ug/l	1300		ug/l	1500		ug/l	1500		ug/l				1000		ug/l						
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.1	U	ug/l												
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l												
Zinc	410		ug/l	440		ug/l	520		ug/l	500		ug/l	530		ug/l	250		ug/l	1.8		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF254			SF254			SF254			SF254			SF254			SF254			SF254			SF255		
Location Cross Ref.	SF-183			SF-183			SF-183			SF-183			SF-183			SF-183			SF-183			SF255		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI			(3) URS/SWRI			(2) URS/MEL		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172099			172099			172099			168457			168457			46546			46546			168458		
Sample Date	10/02/1991			10/02/1991			10/02/1991			11/06/1997			11/06/1997			05/12/1998			05/12/1998			11/06/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7421			D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum										20	U	ug/l	26	U	ug/l	50	U	ug/l	50	U	ug/l	20	U	ug/l
Antimony										2.4		ug/l	3.5	U	ug/l	1		ug/l	1.2		ug/l	1.1		ug/l
Arsenic										0.4		ug/l	0.29		ug/l	1	U	ug/l	1	U	ug/l	0.22		ug/l
Barium										54		ug/l	58		ug/l	29		ug/l	29		ug/l	59		ug/l
Beryllium										1	U	ug/l	0.35	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium				0.012		mg/l				9.7		ug/l	8.4		ug/l	3		ug/l	3.1		ug/l	0.04	U	ug/l
Calcium										16000		ug/l	16000		ug/l	7800		ug/l	7700		ug/l	22000		ug/l
Chromium										5	U	ug/l	6.1		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt										5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper										3.3		ug/l	1.2		ug/l	3	U	ug/l	3	U	ug/l	0.5	U	ug/l
Cyanide																								
Iron										13		ug/l	33	J	ug/l	20	U	ug/l	85		ug/l	10	U	ug/l
Lead	0.018		mg/l				0.006		mg/l	20		ug/l	27		ug/l	8.5		ug/l	25		ug/l	0.1	U	ug/l
Lithium																								
Magnesium										4700		ug/l	4700		ug/l	2200		ug/l	2200		ug/l	7700		ug/l
Manganese										43		ug/l	47		ug/l	17		ug/l	25		ug/l	1	U	ug/l
Mercury										0.2	U	ug/l	0.1	U	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel										0.98		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.51		ug/l
Potassium										860		ug/l	960		ug/l	350		ug/l	410		ug/l	1200		ug/l
Selenium										1	U	ug/l	0.21	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver										0.03	U	ug/l	0.22	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.03	U	ug/l
Sodium										2900		ug/l	3000		ug/l	1400		ug/l	1300		ug/l	1500		ug/l
Strontium																								
Sulfur																								
Thallium										0.5	U	ug/l	0.16	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.5	U	ug/l
Titanium																								
Uranium																								
Vanadium										3	U	ug/l	2	U	ug/l	5	U	ug/l	5	U	ug/l	3	U	ug/l
Zinc				1.5		mg/l				1300		ug/l	1400		ug/l	410		ug/l	420		ug/l	11		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF255			SF255			SF255			SF256			SF256			SF256			SF256			SF257		
Location Cross Ref.	SF255			SF255			SF255			SF256			SF256			SF256			SF256			SF257		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND			(2) URS/MEL		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168458			46338			46338			168459			168459			46336			46336			168460		
Sample Date	11/06/1997			05/07/1998			05/07/1998			11/07/1997			11/07/1997			05/07/1998			05/07/1998			11/07/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	26	U	ug/l	0.69	U	ug/l	0.69	U	ug/l	20	U	ug/l	26	U	ug/l	0.96	J	ug/l	8.5	J	ug/l	20	U	ug/l
Antimony	1.1	U	ug/l	0.49	J	ug/l	0.46	J	ug/l	0.98		ug/l	0.97	U	ug/l	0.4	J	ug/l	0.33	J	ug/l	1.2		ug/l
Arsenic	0.16	U	ug/l	0.23	U	ug/l	0.23	U	ug/l	0.17		ug/l	0.31	J	ug/l	0.23	U	ug/l	0.23	U	ug/l	0.31		ug/l
Barium	61		ug/l	46	J	ug/l	46	J	ug/l	40		ug/l	43		ug/l	32	J	ug/l	32	J	ug/l	15		ug/l
Beryllium	0.35	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	1	U	ug/l	0.35	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	1	U	ug/l
Cadmium	0.069	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.04	U	ug/l	0.069	U	ug/l	0.42	U	ug/l	0.042	U	ug/l	0.04	U	ug/l
Calcium	22000		ug/l	19000		ug/l	19000		ug/l	19000		ug/l	19000		ug/l	15000		ug/l	15000		ug/l	15000		ug/l
Chromium	6	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	5	U	ug/l	6	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	0.023	U	ug/l	0.023	U	ug/l	5	U	ug/l	5	U	ug/l	0.023	U	ug/l	0.023	U	ug/l	5	U	ug/l
Copper	0.06	U	ug/l	0.44	U	ug/l	0.44	U	ug/l	0.5	U	ug/l	0.2	J	ug/l	0.44	U	ug/l	0.44	U	ug/l	0.61		ug/l
Cyanide																								
Iron	5.8	J	ug/l	74	J	ug/l	97	J	ug/l	10	U	ug/l	5	U	ug/l	59	J	ug/l	67	J	ug/l	10	U	ug/l
Lead	0.27	U	ug/l	0.11	U	ug/l	0.35	J	ug/l	0.1	U	ug/l	0.2	J	ug/l	0.11	U	ug/l	0.47	J	ug/l	0.1	U	ug/l
Lithium																								
Magnesium	7500		ug/l	6500		ug/l	6800		ug/l	5900		ug/l	6000		ug/l	4700	J	ug/l	4700	J	ug/l	5200		ug/l
Manganese	1.3	J	ug/l	1.7	J	ug/l	2	J	ug/l	1	U	ug/l	1	U	ug/l	0.11	J	ug/l	0.83	J	ug/l	1	U	ug/l
Mercury	0.1	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.2	U	ug/l	0.1	UJ	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	0.22	U	ug/l	0.22	U	ug/l	0.43		ug/l	5	U	ug/l	0.22	U	ug/l	0.22	U	ug/l	0.44		ug/l
Potassium	1200		ug/l	1600	U	ug/l	1600	U	ug/l	1200		ug/l	470	J	ug/l	1600	U	ug/l	1600	U	ug/l	1000		ug/l
Selenium	0.57		ug/l	1.3	U	ug/l	1.3	U	ug/l	1	U	ug/l	0.56	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1	U	ug/l
Silicon																								
Silver	0.22	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.03	U	ug/l
Sodium	1600		ug/l	1100	J	ug/l	1100	J	ug/l	1000		ug/l	1100		ug/l	830	J	ug/l	770	J	ug/l	1400		ug/l
Strontium																								
Sulfur																								
Thallium	0.017	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.5	U	ug/l
Titanium																								
Uranium																								
Vanadium	2	U	ug/l	0.3	J	ug/l	0.15	J	ug/l	3	U	ug/l	2	U	ug/l	0.27	J	ug/l	0.2	J	ug/l	3	U	ug/l
Zinc	16	U	ug/l	13	J	ug/l	13	J	ug/l	4.6		ug/l	30		ug/l	1.9	J	ug/l	1.8	J	ug/l	7.4		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF257			SF257			SF257			SF258			SF258			SF259			SF259			SF259		
Location Cross Ref.	SF257			SF257			SF257			SF258			SF258			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(2) URS/MEL			(2) URS/LAUCKS			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168460			46326			46326			168461			168461			172066			172066			172066		
Sample Date	11/07/1997			05/05/1998			05/05/1998			11/06/1997			11/06/1997			05/14/1991			05/14/1991			05/14/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	59	J	ug/l	50	U	ug/l	50	U	ug/l	20	U	ug/l	26	U	ug/l									
Antimony	1.2	U	ug/l	2.2		ug/l	2.1		ug/l	2.3		ug/l	2.6	U	ug/l									
Arsenic	0.41	J	ug/l	2	U	ug/l	2	U	ug/l	0.39		ug/l	0.2		ug/l									
Barium	17	J	ug/l	18		ug/l	20		ug/l	55		ug/l	57		ug/l									
Beryllium	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	1	U	ug/l	0.35	U	ug/l									
Cadmium	0.069	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	9.6		ug/l	8.3		ug/l				0.0026		mg/l			
Calcium	15000		ug/l	15000		ug/l	15000		ug/l	17000		ug/l	16000		ug/l									
Chromium	6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l									
Cobalt	5	U	ug/l	10	U	ug/l	10	U	ug/l	5	U	ug/l	5	U	ug/l									
Copper	0.33	J	ug/l	2	U	ug/l	2	U	ug/l	0.98		ug/l	1.2		ug/l									
Cyanide																								
Iron	44	J	ug/l	20	U	ug/l	29		ug/l	12		ug/l	30	J	ug/l									
Lead	0.84		ug/l	0.2	U	ug/l	0.3		ug/l	18		ug/l	25		ug/l							0.034		mg/l
Lithium																								
Magnesium	5200		ug/l	5100		ug/l	5000		ug/l	4700		ug/l	4700		ug/l									
Manganese	12		ug/l	5	U	ug/l	5	U	ug/l	43		ug/l	46		ug/l									
Mercury	0.1	UJ	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l									
Molybdenum																								
Nickel	5	U	ug/l	20	U	ug/l	20	U	ug/l	1		ug/l	5	U	ug/l									
Potassium	670	J	ug/l	2000	U	ug/l	2000	U	ug/l	1100		ug/l	980		ug/l									
Selenium	0.84	U	ug/l	2	U	ug/l	2	U	ug/l	1	U	ug/l	0.21	U	ug/l									
Silicon																								
Silver	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.03	U	ug/l	0.22	U	ug/l									
Sodium	1500		ug/l	1200		ug/l	1200		ug/l	2800		ug/l	2900		ug/l									
Strontium																								
Sulfur																								
Thallium	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.5	U	ug/l	0.11	U	ug/l									
Titanium																								
Uranium																								
Vanadium	2	U	ug/l	10	U	ug/l	10	U	ug/l	3	U	ug/l	2	U	ug/l									
Zinc	15	J	ug/l	10	U	ug/l	10	U	ug/l	1400		ug/l	1500		ug/l	0.51		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF259			SF259			SF259			SF259			SF259			SF259			SF259			SF259		
Location Cross Ref.	SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172066			172066			172101			172101			172101			172101			172101			173542		
Sample Date	05/14/1991			05/14/1991			10/01/1991			10/01/1991			10/01/1991			10/01/1991			10/01/1991			10/29/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D7421			6010			7131			7421			D6010			D7421			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0025		mg/l							0.013		mg/l				0.011		mg/l				9.1		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.003	U	mg/l							0.02		mg/l				0.007		mg/l	14		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.45		mg/l				1.5		mg/l							1.4		mg/l				1600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF259		SF259		SF259		SF259		SF259		SF259		SF259		SF259	
Location Cross Ref.	SF-190/SF-4		SF-190/SF-4		SF-190/SF-4		SF-190/SF-4		SF-190/SF-4		SF-190/SF-4		SF-190/SF-4		SF-190/SF-4	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173542		173543		173543		173544		173544		173545		173545		173546	
Sample Date	10/29/1993		12/02/1993		12/02/1993		12/21/1993		12/21/1993		01/19/1994		01/19/1994		02/17/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	8.6	ug/l	8.7	ug/l	8.2	ug/l	12	ug/l	13	ug/l	9.7	ug/l	10	ug/l	9.3	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	11	ug/l	26	ug/l	8	ug/l	17	ug/l	9	ug/l	16	ug/l	9	ug/l	16	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1600	ug/l	1700	ug/l	1600	ug/l	2000	ug/l	2000	ug/l	1400	ug/l	1400	ug/l	1600	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF259			SF259			SF259			SF259			SF259			SF259			SF259			SF259		
Location Cross Ref.	SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173546			173547			173547			173548			173548			173549			173549			173550		
Sample Date	02/17/1994			03/07/1994			03/07/1994			03/23/1994			03/23/1994			04/06/1994			04/06/1994			04/18/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	10		ug/l	7		ug/l	7.2		ug/l	8.3		ug/l	8.2		ug/l	8.3		ug/l	7.5		ug/l	5.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	9		ug/l	22		ug/l	9		ug/l	21		ug/l	8		ug/l	24		ug/l	7		ug/l	220		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1600		ug/l	1400		ug/l	1400		ug/l	1400		ug/l	1400		ug/l	940		ug/l	940		ug/l	910		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF259			SF259			SF259			SF259			SF259			SF259			SF259			SF259		
Location Cross Ref.	SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173550			173551			173551			173552			173552			173553			173553			173554		
Sample Date	04/18/1994			05/03/1994			05/03/1994			05/20/1994			05/20/1994			06/08/1994			06/08/1994			06/24/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	4.1		ug/l	4.5		ug/l	4.5		ug/l	4.4		ug/l	4.4		ug/l	6.2		ug/l	6		ug/l	6.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	8		ug/l	18		ug/l	8		ug/l	18		ug/l	8		ug/l	19		ug/l	9		ug/l	17		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	650		ug/l	610		ug/l	640		ug/l	610		ug/l	610		ug/l	850		ug/l	870		ug/l	970		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF259			SF259			SF259			SF259			SF259			SF259			SF259			SF259		
Location Cross Ref.	SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173554			173555			173555			173556			173556			173557			173557			173558		
Sample Date	06/24/1994			07/23/1994			07/23/1994			08/16/1994			08/16/1994			09/09/1994			09/09/1994			10/05/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	7.2		ug/l	7.6		ug/l	7.1		ug/l	9.6		ug/l	10		ug/l	11		ug/l	11		ug/l	11		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	9		ug/l	23		ug/l	11		ug/l	21		ug/l	12		ug/l	14		ug/l	9		ug/l	14		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	960		ug/l	1000		ug/l	1000		ug/l	1300		ug/l	1300		ug/l	1700		ug/l	1700		ug/l	1700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF259			SF259			SF259			SF259			SF259			SF259			SF259			SF259		
Location Cross Ref.	SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173558			173559			173559			173560			173560			173561			173561			173562		
Sample Date	10/05/1994			11/15/1994			11/15/1994			12/14/1994			12/14/1994			01/11/1995			01/11/1995			02/09/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	11		ug/l	12		ug/l	14		ug/l	14		ug/l	14		ug/l	9.3		ug/l	8.1		ug/l	7.6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	10		ug/l	17		ug/l	10		ug/l	17		ug/l	9		ug/l	47		ug/l	6		ug/l	16		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1700		ug/l	2000		ug/l	2100		ug/l	2000		ug/l	2100		ug/l	1300		ug/l	1200		ug/l	1200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF259			SF259			SF259			SF259			SF259			SF259			SF259			SF259		
Location Cross Ref.	SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173562			173563			173563			173564			173564			173565			173565			173566		
Sample Date	02/09/1995			03/08/1995			03/08/1995			03/23/1995			03/23/1995			04/13/1995			04/13/1995			04/25/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	7.3		ug/l	7.3		ug/l	7.2		ug/l	7.6		ug/l	7.9		ug/l	7		ug/l	6.6		ug/l	6.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	8		ug/l	15		ug/l	9		ug/l	26		ug/l	13		ug/l	20		ug/l	10		ug/l	18		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1200		ug/l	1100		ug/l	1100		ug/l	1100		ug/l	1100		ug/l	940		ug/l	920		ug/l	940		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF259			SF259			SF259			SF259			SF259			SF259			SF259			SF259		
Location Cross Ref.	SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173566			173567			173567			173568			173568			173569			173569			173570		
Sample Date	04/25/1995			05/11/1995			05/11/1995			05/24/1995			05/24/1995			06/13/1995			06/13/1995			06/28/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	6.8		ug/l	5.3		ug/l	5.4		ug/l	3.9		ug/l	4		ug/l	4.8		ug/l	4		ug/l	5.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	10		ug/l	50		ug/l	9		ug/l	16		ug/l	7		ug/l	21		ug/l	10		ug/l	18		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	900		ug/l	620		ug/l	510		ug/l	540		ug/l	540		ug/l	610		ug/l	600		ug/l	810		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF259			SF259			SF259			SF259			SF259			SF259			SF259			SF259		
Location Cross Ref.	SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173570			173571			173571			173572			173572			173573			173573			173574		
Sample Date	06/28/1995			07/12/1995			07/12/1995			07/26/1995			07/26/1995			08/15/1995			08/15/1995			09/14/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	6.2		ug/l	7		ug/l	7.2		ug/l	8.4		ug/l	8.4		ug/l	8.5		ug/l	8.8		ug/l	9.9		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	12		ug/l	17		ug/l	9		ug/l	18		ug/l	14		ug/l	15		ug/l	13		ug/l	16		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	830		ug/l	950		ug/l	960		ug/l	1100		ug/l	1100		ug/l	1300		ug/l	1300		ug/l	1300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF259			SF259			SF259			SF259			SF259			SF259			SF259			SF261		
Location Cross Ref.	SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF-190/SF-4			SF261		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI			(3) URS/SWRI			(18) USGS/OTHER			(18) USGS/OTHER			(2) URS/MEL		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173574			168462			168462			46544			46544			186943			186943			168464		
Sample Date	09/14/1995			11/06/1997			11/06/1997			05/12/1998			05/12/1998			05/24/1999			05/24/1999			11/05/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				20	U	ug/l	120		ug/l	50	U	ug/l	50	U	ug/l							20	U	ug/l
Antimony				2.3		ug/l	2.5	U	ug/l	1.1		ug/l	1.1		ug/l							1.1		ug/l
Arsenic				0.37		ug/l	0.25		ug/l	1	U	ug/l	1	U	ug/l							0.11		ug/l
Barium				55		ug/l	57		ug/l	28		ug/l	29		ug/l							61		ug/l
Beryllium				1	U	ug/l	0.35	U	ug/l	1	U	ug/l	1	U	ug/l							1	U	ug/l
Cadmium	9.4		ug/l	9.8		ug/l	8.7		ug/l	3.2		ug/l	3.2		ug/l	6		ug/l	2		ug/l	13		ug/l
Calcium				17000		ug/l	16000		ug/l	7900		ug/l	7800		ug/l				6300		ug/l	17000		ug/l
Chromium				5	U	ug/l	7.1		ug/l	5	U	ug/l	5	U	ug/l							5	U	ug/l
Cobalt				5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l							5	U	ug/l
Copper				1.1		ug/l	1.3		ug/l	3	U	ug/l	3	U	ug/l							0.82		ug/l
Cyanide																								
Iron				11		ug/l	530		ug/l	20	U	ug/l	61		ug/l	5700		ug/l	9.4		ug/l	12		ug/l
Lead	10		ug/l	17		ug/l	22		ug/l	6.7		ug/l	17		ug/l	850		ug/l	6.5		ug/l	11		ug/l
Lithium																								
Magnesium				4800		ug/l	4700		ug/l	2200		ug/l	2200		ug/l				1700		ug/l	5400		ug/l
Manganese				42		ug/l	48		ug/l	18		ug/l	23		ug/l	790		ug/l	23		ug/l	33		ug/l
Mercury				0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l							0.2	U	ug/l
Molybdenum																								
Nickel				1.1		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l							1.7		ug/l
Potassium				700	U	ug/l	950		ug/l	330		ug/l	380		ug/l							1300		ug/l
Selenium				1	U	ug/l	0.21	U	ug/l	1	U	ug/l	1	U	ug/l							1	U	ug/l
Silicon																								
Silver				0.03	U	ug/l	0.22	U	ug/l	0.3	U	ug/l	0.3	U	ug/l							0.03	U	ug/l
Sodium				2800		ug/l	2800		ug/l	1200		ug/l	1200		ug/l				1000		ug/l	7700		ug/l
Strontium																								
Sulfur																								
Thallium				0.5	U	ug/l	0.11	U	ug/l	0.1	U	ug/l	0.1	U	ug/l							0.5	U	ug/l
Titanium																								
Uranium																								
Vanadium				3	U	ug/l	2	U	ug/l	5	U	ug/l	5	U	ug/l							3	U	ug/l
Zinc	1400		ug/l	1400		ug/l	1500		ug/l	430		ug/l	450		ug/l	690		ug/l	260		ug/l	1600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF261			SF261			SF261			SF263			SF263			SF263			SF263			SF263		
Location Cross Ref.	SF261			SF261			SF261			SF-195			SF-195			SF-195			SF-195			SF-195		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168464			46325			46325			172105			172105			172105			172105			172105		
Sample Date	11/05/1997			05/08/1998			05/08/1998			10/01/1991			10/01/1991			10/01/1991			10/01/1991			10/01/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	26	U	ug/l	50	U	ug/l	50	U	ug/l															
Antimony	1.1	U	ug/l	0.8		ug/l	0.8		ug/l															
Arsenic	0.16	U	ug/l	2	U	ug/l	2	U	ug/l															
Barium	63		ug/l	67		ug/l	66		ug/l															
Beryllium	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l															
Cadmium	11		ug/l	12		ug/l	13		ug/l				0.011		mg/l				0.01		mg/l			
Calcium	17000		ug/l	17000		ug/l	17000		ug/l															
Chromium	6		ug/l	5	U	ug/l	5	U	ug/l															
Cobalt	5	U	ug/l	10	U	ug/l	10	U	ug/l															
Copper	1.1		ug/l	2		ug/l	2	U	ug/l															
Cyanide																								
Iron	8.9	J	ug/l	20	U	ug/l	68		ug/l															
Lead	9.5		ug/l	11		ug/l	17		ug/l							0.014		mg/l				0.004		mg/l
Lithium																								
Magnesium	5200		ug/l	5700		ug/l	5500		ug/l															
Manganese	34		ug/l	65		ug/l	65		ug/l															
Mercury	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l															
Molybdenum																								
Nickel	5	U	ug/l	20	U	ug/l	20	U	ug/l															
Potassium	1200		ug/l	2000	U	ug/l	2000	U	ug/l															
Selenium	0.6		ug/l	2	U	ug/l	2	U	ug/l															
Silicon																								
Silver	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l															
Sodium	7800		ug/l	40000		ug/l	38000		ug/l															
Strontium																								
Sulfur																								
Thallium	0.4	U	ug/l	0.2	U	ug/l	0.2	U	ug/l															
Titanium																								
Uranium																								
Vanadium	2	U	ug/l	10	U	ug/l	10	U	ug/l															
Zinc	1600		ug/l	1700		ug/l	1700		ug/l	1.3		mg/l							1.2		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF263			SF263			SF263			SF263			SF264			SF264			SF264			SF264		
Location Cross Ref.	SF-195			SF-195			SF-195			SF-195			SF-197			SF-197			SF-197			SF-197		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(2) URS/MEL			(2) URS/LAUCKS			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168466			168466			168516			168516			172106			172106			172106			172106		
Sample Date	11/05/1997			11/05/1997			11/05/1997			11/05/1997			10/01/1991			10/01/1991			10/01/1991			10/01/1991		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			7131			7421			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	45		ug/l				26	U	ug/l												
Antimony	6.7		ug/l	7.3		ug/l				7.5		ug/l												
Arsenic	0.72		ug/l	0.55		ug/l				0.72		ug/l												
Barium	50		ug/l	53		ug/l	53		ug/l	53		ug/l												
Beryllium	1	U	ug/l	0.35	U	ug/l				0.35	U	ug/l												
Cadmium	7.5		ug/l	6.6		ug/l				6.7		ug/l				0.012		mg/l				0.01		mg/l
Calcium	16000		ug/l	16000		ug/l				16000		ug/l												
Chromium	5	U	ug/l	6	U	ug/l				6	U	ug/l												
Cobalt	5	U	ug/l	5	U	ug/l				5	U	ug/l												
Copper	1.8		ug/l	1.1		ug/l				1.2		ug/l												
Cyanide																								
Iron	88		ug/l	40	J	ug/l				39	J	ug/l												
Lead	15		ug/l	22		ug/l				22		ug/l							0.042		mg/l			
Lithium																								
Magnesium	4600		ug/l	4700		ug/l				4600		ug/l												
Manganese	50		ug/l	51		ug/l				50		ug/l												
Mercury	0.2	U	ug/l	0.1	U	ug/l				0.11	U	ug/l												
Molybdenum																								
Nickel	0.91		ug/l	5	U	ug/l				5	U	ug/l												
Potassium	1200		ug/l	1000		ug/l				1100		ug/l												
Selenium	1	U	ug/l	0.33		ug/l				0.38	U	ug/l												
Silicon																								
Silver	0.03	U	ug/l	0.22	U	ug/l				0.22	UJ	ug/l												
Sodium	5200		ug/l	5600		ug/l				5500		ug/l												
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.37	U	ug/l				0.13	U	ug/l												
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l				2	U	ug/l												
Zinc	1000		ug/l	1100		ug/l				1100		ug/l	1.3		mg/l							1.1		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF264			SF264			SF264			SF264			SF264			SF264			SF264			SF264		
Location Cross Ref.	SF-197			SF-197			SF-197			SF-197			SF-197			SF-197			SF-197			SF-197		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SOUND			(3) URS/SOUND			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172106			168467			168467			46579			46579			202383			202383			202402		
Sample Date	10/01/1991			11/05/1997			11/05/1997			05/16/1998			05/16/1998			09/30/1998			09/30/1998			10/09/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D7421			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				20	U	ug/l	26	U	ug/l	16	UJ	ug/l	15	UJ	ug/l									
Antimony				6.7		ug/l	7		ug/l	4	U	ug/l	4.3	U	ug/l									
Arsenic				0.74		ug/l	0.66	J	ug/l	0.35	J	ug/l	0.51	J	ug/l									
Barium				49		ug/l	52		ug/l	29	J	ug/l	29	J	ug/l									
Beryllium				1	U	ug/l	0.35	U	ug/l	0.11	U	ug/l	0.11	U	ug/l									
Cadmium				7.9		ug/l	6.6		ug/l	3	J	ug/l	3	J	ug/l	9		ug/l	9.2		ug/l	8.7		ug/l
Calcium				16000		ug/l	16000		ug/l	8000		ug/l	8100		ug/l									
Chromium				5	U	ug/l	6	U	ug/l	0.4	U	ug/l	0.4	U	ug/l									
Cobalt				5	U	ug/l	5	U	ug/l	0.07	UJ	ug/l	0.061	UJ	ug/l									
Copper				0.99		ug/l	1.1	J	ug/l	1	J	ug/l	0.86	J	ug/l									
Cyanide																								
Iron				16		ug/l	36	J	ug/l	110	J	ug/l	110	J	ug/l									
Lead	0.004		mg/l	15		ug/l	20		ug/l	17		ug/l	17		ug/l	12		ug/l	8		ug/l	14		ug/l
Lithium																								
Magnesium				4500		ug/l	4500		ug/l	2300	J	ug/l	2300	J	ug/l									
Manganese				44		ug/l	48		ug/l	25	J	ug/l	25	J	ug/l									
Mercury				0.2	U	ug/l	0.1	UJ	ug/l	0.16	U	ug/l	0.16	U	ug/l									
Molybdenum																								
Nickel				0.98		ug/l	5	U	ug/l	0.34	J	ug/l	0.41	J	ug/l									
Potassium				1600		ug/l	1000		ug/l	1600	U	ug/l	1600	U	ug/l									
Selenium				1	U	ug/l	0.21	U	ug/l	1.3	U	ug/l	1.3	U	ug/l									
Silicon																								
Silver				0.03	U	ug/l	0.22	U	ug/l	0.042	UJ	ug/l	0.042	U	ug/l									
Sodium				5300		ug/l	5500		ug/l	2100	J	ug/l	2300	J	ug/l									
Strontium																								
Sulfur																								
Thallium				0.5	U	ug/l	0.11	U	ug/l	0.058	U	ug/l	0.058	U	ug/l									
Titanium																								
Uranium																								
Vanadium				3	U	ug/l	2	U	ug/l	0.19	UJ	ug/l	0.22	U	ug/l									
Zinc				1100		ug/l	1100		ug/l	470	J	ug/l	470		ug/l	1300		ug/l	1200		ug/l	1200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF264			SF265			SF265			SF265			SF265			SF266			SF266			SF266		
Location Cross Ref.	SF-197			SF265			SF265			SF265			SF265			MG-1			MG-1			MG-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI			(3) URS/SWRI			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202402			168468			168468			46353			46353			172070			172070			172070		
Sample Date	10/09/1998			11/05/1997			11/05/1997			05/09/1998			05/09/1998			05/14/1991			05/14/1991			05/14/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				20	U	ug/l	27	J	ug/l	50	U	ug/l	88		ug/l									
Antimony				1.2		ug/l	1.2	U	ug/l	1.3		ug/l	1.4		ug/l									
Arsenic				0.31		ug/l	0.33	J	ug/l	1	U	ug/l	1	U	ug/l									
Barium				23		ug/l	26		ug/l	27		ug/l	28		ug/l									
Beryllium				1	U	ug/l	0.35	U	ug/l	1	U	ug/l	1	U	ug/l									
Cadmium	9		ug/l	0.17		ug/l	0.18	J	ug/l	0.19		ug/l	0.22		ug/l				0.0002	U	mg/l			
Calcium				13000		ug/l	13000		ug/l	14000		ug/l	14000		ug/l									
Chromium				5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l									
Cobalt				5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l									
Copper				1.3		ug/l	1.3	J	ug/l	3	U	ug/l	3	U	ug/l									
Cyanide																								
Iron				30		ug/l	71	J	ug/l	20	U	ug/l	180		ug/l									
Lead	6		ug/l	0.27		ug/l	0.83		ug/l	0.5	U	ug/l	1.8		ug/l							0.003	U	mg/l
Lithium																								
Magnesium				4000		ug/l	4100		ug/l	4700		ug/l	4700		ug/l									
Manganese				6.3		ug/l	9.1	J	ug/l	5	U	ug/l	12		ug/l									
Mercury				0.2	U	ug/l	0.1	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l									
Molybdenum																								
Nickel				0.57		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l									
Potassium				1200		ug/l	1100		ug/l	970		ug/l	940		ug/l									
Selenium				1	U	ug/l	0.45	U	ug/l	1	U	ug/l	1	U	ug/l									
Silicon																								
Silver				0.03	U	ug/l	0.22	U	ug/l	0.3	U	ug/l	0.3	U	ug/l									
Sodium				1900		ug/l	2000		ug/l	1500		ug/l	1500		ug/l									
Strontium																								
Sulfur																								
Thallium				0.5	U	ug/l	0.017	U	ug/l	0.1	U	ug/l	0.1	U	ug/l									
Titanium																								
Uranium																								
Vanadium				3	U	ug/l	2	U	ug/l	5	U	ug/l	5	U	ug/l									
Zinc	1200		ug/l	23		ug/l	32		ug/l	19		ug/l	23		ug/l	0.02	U	mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF266			SF266			SF266			SF266			SF266			SF266			SF266			SF266		
Location Cross Ref.	MG-1			MG-1			MG-1			MG-1			MG-1			MG-1			MG-1			MG-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/COLUMBWA			(3) URS/COLUMBWA			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172070			172070			168469			168469			46323			46323			186954			186954		
Sample Date	05/14/1991			05/14/1991			11/05/1997			11/05/1997			05/05/1998			05/05/1998			05/22/1999			05/22/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D7421			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							20	U	ug/l	26	U	ug/l	50	U	ug/l	50	U	ug/l						
Antimony							0.5	U	ug/l	0.25	U	ug/l	0.2	U	ug/l	0.2	U	ug/l						
Arsenic							0.14		ug/l	0.16	U	ug/l	2	U	ug/l	2	U	ug/l						
Barium							8.4		ug/l	9.6	J	ug/l	7		ug/l	10		ug/l						
Beryllium							1	U	ug/l	0.35	U	ug/l	0.2	U	ug/l	0.2	U	ug/l						
Cadmium	0.0002	U	mg/l				0.04	U	ug/l	0.069	U	ug/l	0.2	U	ug/l	0.2	U	ug/l				1	UJ	ug/l
Calcium							5800		ug/l	5800		ug/l	4100		ug/l	4000		ug/l				3200		ug/l
Chromium							5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l						
Cobalt							5	U	ug/l	5	U	ug/l	10	U	ug/l	10	U	ug/l						
Copper							0.5	U	ug/l	0.42	J	ug/l	2	U	ug/l	2	U	ug/l						
Cyanide																								
Iron							10	U	ug/l	11	U	ug/l	20	U	ug/l	50		ug/l	40		ug/l	40		ug/l
Lead				0.003	U	mg/l	0.12		ug/l	0.4	J	ug/l	1.2		ug/l	2.8		ug/l				1		ug/l
Lithium																								
Magnesium							2300		ug/l	2300		ug/l	1600		ug/l	1600		ug/l				1200		ug/l
Manganese							1	U	ug/l	1.1	J	ug/l	5	U	ug/l	5	U	ug/l	2		ug/l	1		ug/l
Mercury							0.2	U	ug/l	0.1	UJ	ug/l	0.2	U	ug/l	0.2	U	ug/l						
Molybdenum																								
Nickel							0.51		ug/l	5	U	ug/l	20	U	ug/l	20	U	ug/l						
Potassium							1100		ug/l	820		ug/l	2000	U	ug/l	2000	U	ug/l						
Selenium							1	U	ug/l	0.26	U	ug/l	2	U	ug/l	2	U	ug/l						
Silicon																								
Silver							0.03	U	ug/l	0.22	U	ug/l	0.2	U	ug/l	0.2	U	ug/l						
Sodium							3400		ug/l	3500		ug/l	2700		ug/l	2600		ug/l				2200		ug/l
Strontium																								
Sulfur																								
Thallium							0.5	U	ug/l	0.017	U	ug/l	0.2	U	ug/l	0.2	U	ug/l						
Titanium																								
Uranium																								
Vanadium							3	U	ug/l	2	U	ug/l	10	U	ug/l	10	U	ug/l						
Zinc	0.02	U	mg/l				5.4		ug/l	11	J	ug/l	10	U	ug/l	10	U	ug/l				2.8		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF267		SF267		SF267		SF267		SF267		SF267		SF272		SF272	
Location Cross Ref.	SF267		SF267		SF267		SF267		SF267		SF267		SF-160		SF-160	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(2) URS/MEL		(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI		(18) USGS/OTHER		(18) USGS/OTHER		(4) MFG/OTHER		(4) MFG/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	168470		168470		46352		46352		186955		186955		172058		172058	
Sample Date	11/05/1997		11/05/1997		05/09/1998		05/09/1998		05/23/1999		05/23/1999		05/14/1991		05/14/1991	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010		D6010		6010		7131	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	20 U	ug/l	58 J	ug/l	50 U	ug/l	50 U	ug/l								
Antimony	1.8	ug/l	2 J	ug/l	0.98	ug/l	1	ug/l								
Arsenic	0.84	ug/l	0.9 J	ug/l	1 U	ug/l	1 U	ug/l								
Barium	27	ug/l	28	ug/l	17	ug/l	18	ug/l								
Beryllium	1 U	ug/l	0.35 U	ug/l	1 U	ug/l	1 U	ug/l								
Cadmium	0.1	ug/l	0.069 U	ug/l	0.1 U	ug/l	0.1 U	ug/l			1	ug/l			0.0022	mg/l
Calcium	14000	ug/l	13000	ug/l	5500	ug/l	5600	ug/l			4300	ug/l				
Chromium	5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l								
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l								
Copper	0.5 U	ug/l	0.59 J	ug/l	3 U	ug/l	3 U	ug/l								
Cyanide																
Iron	10 U	ug/l	5 U	ug/l	20 U	ug/l	37	ug/l	460	ug/l	10	ug/l				
Lead	0.12	ug/l	0.34 J	ug/l	0.5 U	ug/l	1.3	ug/l	14	ug/l	1	ug/l				
Lithium																
Magnesium	4500	ug/l	4300	ug/l	1800	ug/l	1800	ug/l			1400	ug/l				
Manganese	2.1	ug/l	2.5 J	ug/l	5 U	ug/l	5.3	ug/l	60	ug/l	1.6	ug/l				
Mercury	0.2 U	ug/l	0.1 UJ	ug/l	0.2 UJ	ug/l	0.2 UJ	ug/l								
Molybdenum																
Nickel	0.38	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l								
Potassium	700 U	ug/l	690 J	ug/l	510	ug/l	400	ug/l								
Selenium	1 U	ug/l	0.53 U	ug/l	1 U	ug/l	1 U	ug/l								
Silicon																
Silver	0.03 U	ug/l	0.22 U	ug/l	0.3 U	ug/l	0.3 U	ug/l								
Sodium	1100	ug/l	1100	ug/l	690	ug/l	640	ug/l			720	ug/l				
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.12 U	ug/l	0.1 U	ug/l	0.1 U	ug/l								
Titanium																
Uranium																
Vanadium	3 U	ug/l	2 U	ug/l	5 U	ug/l	5 U	ug/l								
Zinc	11	ug/l	15 J	ug/l	5 U	ug/l	5 U	ug/l	10	ug/l	3.3	ug/l	0.42	mg/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF272			SF272			SF272			SF272			SF272			SF272		
Location Cross Ref.	SF-160			SF-160			SF-160			SF-160			SF-160			SF-160		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	172058			172058			172058			172091			172091			172091		
Sample Date	05/14/1991			05/14/1991			05/14/1991			10/02/1991			10/02/1991			10/02/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7421			D6010			D7421			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0021		mg/l							0.006		mg/l				0.01		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.026		mg/l				0.003	U	mg/l							0.022		mg/l				0.004		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.36		mg/l				1.1		mg/l							0.66		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF272			SF272			SF273			SF273			SF274			SF274			SF382			SF382		
Location Cross Ref.	SF-160			SF-160															AD382			AD382		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			Adit			Adit		
(Ref) Source/Lab	(3) URS/SWRI			(3) URS/SWRI			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(3) URS/SOUND			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46549			46549			46554			46554			46552			46552			168558			168558		
Sample Date	05/12/1998			05/12/1998			05/13/1998			05/13/1998			05/13/1998			05/13/1998			11/18/1997			11/18/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	5.7	J	ug/l	18	J	ug/l	6.2	J	ug/l	33	J	ug/l	20	UJ	ug/l	36	J	ug/l
Antimony	1		ug/l	1.1		ug/l	0.58	J	ug/l	0.6	J	ug/l	0.42	J	ug/l	0.51	J	ug/l	9.4		ug/l	9.7		ug/l
Arsenic	1	U	ug/l	1	U	ug/l	0.23	J	ug/l	0.23	U	ug/l	0.42	J	ug/l	0.23	U	ug/l	7.7		ug/l	8.6		ug/l
Barium	28		ug/l	28		ug/l	28	J	ug/l	28	J	ug/l	25	J	ug/l	26	J	ug/l	120		ug/l	130		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	1	U	ug/l	0.35	U	ug/l
Cadmium	2.5		ug/l	2.6		ug/l	2	J	ug/l	1.9	J	ug/l	2.3	J	ug/l	2.4	J	ug/l	0.02	U	ug/l	0.069	U	ug/l
Calcium	7100		ug/l	7200		ug/l	6700		ug/l	6800		ug/l	7000		ug/l	7100		ug/l	36000		ug/l	35000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	5	U	ug/l	6	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	0.029	J	ug/l	0.042	J	ug/l	0.044	J	ug/l	0.15	J	ug/l	5	U	ug/l	5	U	ug/l
Copper	3	U	ug/l	3	U	ug/l	0.69	J	ug/l	0.95	J	ug/l	0.79	J	ug/l	1.2	J	ug/l	0.63		ug/l	1.2	J	ug/l
Cyanide																								
Iron	25		ug/l	65		ug/l	48	J	ug/l	82	J	ug/l	44	J	ug/l	140		ug/l	11		ug/l	370		ug/l
Lead	8.4		ug/l	21		ug/l	9.6		ug/l	20		ug/l	8.3		ug/l	19		ug/l	0.19		ug/l	0.57		ug/l
Lithium																								
Magnesium	2000		ug/l	2000		ug/l	1900	J	ug/l	2000	J	ug/l	1900	J	ug/l	2000	J	ug/l	33000		ug/l	34000		ug/l
Manganese	17		ug/l	22		ug/l	18		ug/l	23		ug/l	17		ug/l	25		ug/l	5		ug/l	9.8	J	ug/l
Mercury	0.2	UJ	ug/l	0.2	UJ	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.16	U	ug/l	0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	0.23	U	ug/l	0.23	U	ug/l	0.23	U	ug/l	0.23	U	ug/l	2		ug/l	5	U	ug/l
Potassium	360		ug/l	350		ug/l	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l	1600	U	ug/l	1400		ug/l	830		ug/l
Selenium	1	U	ug/l	1	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1.3	U	ug/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver	0.3	U	ug/l	0.3	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.042	U	ug/l	0.03	U	ug/l	0.22	U	ug/l
Sodium	1200		ug/l	1200		ug/l	1300	J	ug/l	1300	J	ug/l	1200	J	ug/l	1300	J	ug/l	1000		ug/l	990		ug/l
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	0.1	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.058	U	ug/l	0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.12	J	ug/l	3	U	ug/l	2	U	ug/l
Zinc	340		ug/l	350		ug/l	300		ug/l	300		ug/l	370		ug/l	390		ug/l	9.6		ug/l	25	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF382			SF382			SF383			SF383			SF385			SF385			SF388			SF388		
Location Cross Ref.	AD382			AD382			AD383			AD383			AD385			AD385								
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(3) URS/SWRI			(3) URS/SWRI			(2) URS/MEL			(2) URS/LAUCKS			(2) URS/MEL			(2) URS/LAUCKS			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46300			46300			168559			168559			168561			168561			168560			168560		
Sample Date	05/12/1998			05/12/1998			11/18/1997			11/18/1997			11/19/1997			11/19/1997			11/19/1997			11/19/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	20	UJ	ug/l	27	J	ug/l	21	J	ug/l	26	U	ug/l	23	J	ug/l	32	J	ug/l
Antimony	9.8		ug/l	10		ug/l	0.57		ug/l	0.59	U	ug/l	1.6		ug/l	1.5	U	ug/l	0.73		ug/l	0.62	U	ug/l
Arsenic	8.6		ug/l	12		ug/l	0.34		ug/l	0.59	J	ug/l	0.36		ug/l	0.3	J	ug/l	2.2		ug/l	2.4		ug/l
Barium	120		ug/l	130		ug/l	21		ug/l	22		ug/l	60		ug/l	62		ug/l	210		ug/l	220		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.35	U	ug/l	1	U	ug/l	0.35	U	ug/l	1	U	ug/l	0.35	U	ug/l
Cadmium	0.1	U	ug/l	0.1	U	ug/l	0.24		ug/l	0.35	U	ug/l	0.02	U	ug/l	0.069	U	ug/l	0.02	U	ug/l	0.069	U	ug/l
Calcium	35000		ug/l	35000		ug/l	41000		ug/l	39000		ug/l	47000		ug/l	47000		ug/l	21000		ug/l	21000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	6	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	3	U	ug/l	3.2		ug/l	0.22		ug/l	1	J	ug/l	0.31		ug/l	0.095	J	ug/l	0.45		ug/l	0.28	J	ug/l
Cyanide																								
Iron	20	U	ug/l	700		ug/l	180		ug/l	740		ug/l	10	U	ug/l	8.3	U	ug/l	10	U	ug/l	41	J	ug/l
Lead	0.5	U	ug/l	0.64		ug/l	0.069		ug/l	1.6		ug/l	0.19		ug/l	0.38	J	ug/l	0.092		ug/l	0.21	J	ug/l
Lithium																								
Magnesium	34000		ug/l	35000		ug/l	21000		ug/l	20000		ug/l	4300		ug/l	4300		ug/l	8200		ug/l	8100		ug/l
Manganese	5	U	ug/l	12		ug/l	220		ug/l	220		ug/l	1.1		ug/l	1.5	J	ug/l	1	U	ug/l	3.1	J	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	1.7		ug/l	5	U	ug/l	0.97		ug/l	5	U	ug/l	0.48		ug/l	5	U	ug/l
Potassium	820		ug/l	870		ug/l	1300		ug/l	630	J	ug/l	950		ug/l	1000		ug/l	910		ug/l	440	J	ug/l
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.21	U	ug/l	1	U	ug/l	0.21	U	ug/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver	0.3	U	ug/l	0.3	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.03	U	ug/l	0.22	U	ug/l
Sodium	920		ug/l	900		ug/l	11000		ug/l	11000		ug/l	880		ug/l	890		ug/l	870		ug/l	860		ug/l
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	0.1	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.5	U	ug/l	0.017	U	ug/l	0.5	U	ug/l	0.017	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	3	U	ug/l	2	U	ug/l	3	U	ug/l	2	U	ug/l	3	U	ug/l	2	U	ug/l
Zinc	5	U	ug/l	9.9		ug/l	290		ug/l	340		ug/l	12		ug/l	23	U	ug/l	5.4		ug/l	12	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF392		SF392		SF393		SF393		SF393		SF393		SF426		SF426	
Location Cross Ref.	AD392		AD392		AD393		AD393		AD393		AD393					
Location Type	Adit		Adit		Adit		Adit		Adit		Adit		River/Stream		River/Stream	
(Ref) Source/Lab	(2) URS/MEL		(2) URS/LAUCKS		(2) URS/MEL		(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI		(11) URS/SWRI		(11) URS/SWRI	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	168566		168566		168567		168567		46437		46437		48774		48774	
Sample Date	11/20/1997		11/20/1997		11/17/1997		11/17/1997		05/15/1998		05/15/1998		11/11/1998		11/11/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	87 J	ug/l	2000	ug/l	20 UJ	ug/l	2100	ug/l	2100	ug/l	3100	ug/l	50 U	ug/l	50 U	ug/l
Antimony	3.9	ug/l	4.7 J	ug/l	0.69	ug/l	0.66 U	ug/l	2.7	ug/l	2.6	ug/l	1 U	ug/l	1 U	ug/l
Arsenic	1.1	ug/l	1.5 J	ug/l	0.36	ug/l	2.2	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Barium	35	ug/l	23	ug/l	140	ug/l	160	ug/l	200	ug/l	210	ug/l	18 J	ug/l	18 J	ug/l
Beryllium	1 U	ug/l	0.33 J	ug/l	1 U	ug/l	0.35 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	0.02 U	ug/l	0.16 J	ug/l	0.033	ug/l	0.15 U	ug/l	0.23	ug/l	0.23	ug/l	1 U	ug/l	1 U	ug/l
Calcium	21000	ug/l	22000	ug/l	84000	ug/l	81000	ug/l	92000	ug/l	98000	ug/l	16000	ug/l	16000	ug/l
Chromium	5 U	ug/l	6 U	ug/l	5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	0.59	ug/l	5.7	ug/l	0.4	ug/l	4.9	ug/l	6.6	ug/l	8.4	ug/l	5 U	ug/l	5 U	ug/l
Cyanide																
Iron	40	ug/l	2900	ug/l	10 U	ug/l	3800	ug/l	3100	ug/l	3600	ug/l	50 U	ug/l	50 U	ug/l
Lead	0.2	ug/l	4	ug/l	0.52	ug/l	21	ug/l	81	ug/l	89	ug/l	1 U	ug/l	1 U	ug/l
Lithium																
Magnesium	3300	ug/l	3700	ug/l	32000	ug/l	31000	ug/l	36000	ug/l	38000	ug/l	4100	ug/l	4100	ug/l
Manganese	13	ug/l	160	ug/l	3.5	ug/l	190	ug/l	130	ug/l	130	ug/l	5 U	ug/l	5 U	ug/l
Mercury	0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	0.55	ug/l	5 U	ug/l	2.2	ug/l	6.4 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	700 U	ug/l	1000	ug/l	2600	ug/l	2800	ug/l	2800	ug/l	2700	ug/l	430 J	ug/l	400 J	ug/l
Selenium	1 U	ug/l	0.21 U	ug/l	1 U	ug/l	0.21 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Silicon																
Silver	0.03 U	ug/l	0.22 UJ	ug/l	0.03 U	ug/l	0.22 U	ug/l	0.34	ug/l	0.3 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	960	ug/l	920	ug/l	13000	ug/l	13000	ug/l	14000	ug/l	14000	ug/l	1200	ug/l	1200	ug/l
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.11 U	ug/l	0.5 U	ug/l	0.11 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	1 U	ug/l	1 U	ug/l
Titanium																
Uranium																
Vanadium	3 U	ug/l	3.7 U	ug/l	3 U	ug/l	3.4 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	9.7	ug/l	20 U	ug/l	11	ug/l	54 U	ug/l	38	ug/l	45	ug/l	5 U	ug/l	5 U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF426			SF426			SF427			SF427			SF429			SF429			SF430			SF430		
Location Cross Ref.																								
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI			(11) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	48775			48775			48776			48776			48777			48777			48778			48778		
Sample Date	11/11/1998			11/11/1998			11/11/1998			11/11/1998			11/11/1998			11/11/1998			11/11/1998			11/11/1998		
Sample Type	Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l
Antimony	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Arsenic	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Barium	18	J	ug/l	18	J	ug/l	28		ug/l	28		ug/l	15	J	ug/l	15	J	ug/l	18	J	ug/l	18	J	ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Calcium	16000		ug/l	16000		ug/l	17000		ug/l	17000		ug/l	22000		ug/l	22000		ug/l	21000		ug/l	21000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cyanide																								
Iron	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l	50	U	ug/l
Lead	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Lithium																								
Magnesium	4200		ug/l	4100		ug/l	4200		ug/l	4200		ug/l	5000		ug/l	4900		ug/l	4900		ug/l	4900		ug/l
Manganese	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium	430	J	ug/l	390	J	ug/l	420	J	ug/l	390	J	ug/l	540	J	ug/l	500	J	ug/l	520	J	ug/l	470	J	ug/l
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	1200		ug/l	1000		ug/l	1100		ug/l	1100		ug/l	990		ug/l	960		ug/l	890		ug/l	890		ug/l
Strontium																								
Sulfur																								
Thallium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF431			SF431			SF600			SF600			SF600			SF600			SF600			SF600		
Location Cross Ref.							CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A		
Location Type	River/Stream			River/Stream			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(11) URS/SWRI			(11) URS/SWRI			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	48779			48779			174597			174406			174598			174407			174599			174408		
Sample Date	11/11/1998			11/11/1998			01/15/1994			01/31/1994			02/15/1994			02/28/1994			03/15/1994			03/31/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l																		
Antimony	4.6	J	ug/l	4.5	J	ug/l																		
Arsenic	1	U	ug/l	1	U	ug/l																		
Barium	62		ug/l	63		ug/l																		
Beryllium	1	U	ug/l	1	U	ug/l																		
Cadmium	1	U	ug/l	1	U	ug/l				0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l
Calcium	22000		ug/l	23000		ug/l																		
Chromium	5	U	ug/l	5	U	ug/l																		
Cobalt	5	U	ug/l	5	U	ug/l																		
Copper	5	U	ug/l	5	U	ug/l																		
Cyanide																								
Iron	50	U	ug/l	50	U	ug/l																		
Lead	1	U	ug/l	1	U	ug/l	0.039		mg/l	0.039		mg/l	0.015	U	mg/l	0.015	U	mg/l	0.015	U	mg/l	0.015	U	mg/l
Lithium																								
Magnesium	6300		ug/l	6400		ug/l																		
Manganese	5	U	ug/l	5	U	ug/l																		
Mercury	0.2	U	ug/l	0.2	U	ug/l																		
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l																		
Potassium	620	J	ug/l	570	J	ug/l																		
Selenium	1	U	ug/l	1	U	ug/l																		
Silicon																								
Silver	5	U	ug/l	5	U	ug/l																		
Sodium	1000		ug/l	1100		ug/l																		
Strontium																								
Sulfur																								
Thallium	1	U	ug/l	1	U	ug/l																		
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l																		
Zinc	6.3		ug/l	7.9		ug/l	0.041		mg/l	0.041		mg/l	0.055		mg/l	0.055		mg/l	0.058		mg/l	0.058		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF600			SF600			SF600			SF600			SF600			SF600			SF600			SF600		
Location Cross Ref.	CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174600			174409			174601			174410			174602			174411			174603			174412		
Sample Date	04/15/1994			04/30/1994			05/15/1994			05/31/1994			06/15/1994			06/30/1994			07/15/1994			07/31/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.002	U	mg/l				0.002	U	mg/l				0.003		mg/l				0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.03		mg/l	0.03		mg/l	0.02		mg/l	0.02		mg/l	0.037		mg/l	0.037		mg/l	0.032		mg/l	0.032		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.061		mg/l	0.061		mg/l	0.044		mg/l	0.044		mg/l	0.043		mg/l	0.043		mg/l	0.065		mg/l	0.065		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF600			SF600			SF600			SF600			SF600			SF600			SF600			SF600		
Location Cross Ref.	CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174604			174413			174605			174414			174606			174415			174607			174416		
Sample Date	08/15/1994			08/31/1994			09/15/1994			09/30/1994			10/15/1994			10/31/1994			11/15/1994			11/30/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.002	U	mg/l				0.002		mg/l				0.002		mg/l				0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.02	U	mg/l	0.02	U	mg/l	0.019		mg/l	0.019		mg/l	0.05		mg/l	0.05		mg/l	0.015	U	mg/l	0.015	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.14		mg/l	0.14		mg/l	0.038		mg/l	0.038		mg/l	0.051		mg/l	0.051		mg/l	0.048		mg/l	0.048		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF600			SF600			SF600			SF600			SF600			SF600			SF600			SF600		
Location Cross Ref.	CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174608			174417			174609			174418			174610			174419			174611			174420		
Sample Date	12/15/1994			12/31/1994			01/15/1995			01/31/1995			02/15/1995			02/28/1995			03/15/1995			03/31/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.002		mg/l				0.002		mg/l				0.002	U	mg/l				0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.02		mg/l	0.02		mg/l	0.021		mg/l	0.021		mg/l	0.015	U	mg/l	0.015	U	mg/l	0.018		mg/l	0.018		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.038		mg/l	0.038		mg/l	0.044		mg/l	0.044		mg/l	0.005	U	mg/l	0.005		mg/l	0.037		mg/l	0.037		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF600			SF600			SF600			SF600			SF600			SF600			SF600			SF600		
Location Cross Ref.	CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174612			174421			174613			174422			174614			174423			174615			174424		
Sample Date	04/15/1995			04/30/1995			05/15/1995			05/31/1995			06/15/1995			06/30/1995			07/15/1995			07/31/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.019		mg/l	0.019		mg/l	0.025		mg/l	0.025		mg/l	0.028		mg/l	0.028		mg/l	0.019		mg/l	0.019		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.045		mg/l	0.045		mg/l	0.029		mg/l	0.029		mg/l				0.031		mg/l	0.034		mg/l	0.034		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF600			SF600			SF600			SF600			SF600			SF600			SF600			SF600		
Location Cross Ref.	CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174616			174425			174617			174426			174618			174427			174619			174428		
Sample Date	08/15/1995			08/31/1995			09/15/1995			09/30/1995			10/15/1995			10/31/1995			11/15/1995			11/30/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002		mg/l	0.002		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.016		mg/l	0.016		mg/l	0.017		mg/l	0.017		mg/l	0.041		mg/l	0.041		mg/l	0.02		mg/l	0.02		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.021		mg/l	0.021		mg/l	0.036		mg/l	0.036		mg/l	0.04		mg/l	0.04		mg/l	0.025		mg/l	0.025		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF600			SF600			SF600			SF600			SF600			SF600			SF600			SF600		
Location Cross Ref.	CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174620			174429			174621			174430			174622			174431			174623			174432		
Sample Date	12/15/1995			12/31/1995			01/15/1996			01/31/1996			02/15/1996			02/29/1996			03/15/1996			03/31/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.01		mg/l	0.01		mg/l	0.023		mg/l	0.023		mg/l	0.015	U	mg/l	0.015	U	mg/l	0.015	U	mg/l	0.015	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.047		mg/l	0.047		mg/l	0.052		mg/l	0.052		mg/l	0.029		mg/l	0.029		mg/l	0.048		mg/l	0.048		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF600			SF600			SF600			SF600			SF600			SF600			SF600			SF600		
Location Cross Ref.	CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174624			174433			174625			174434			174626			174435			174627			174436		
Sample Date	04/15/1996			04/30/1996			05/15/1996			05/31/1996			06/15/1996			06/30/1996			07/15/1996			07/31/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.025		mg/l	0.025		mg/l				0.015	U	mg/l	0.15	U	mg/l	0.015	U	mg/l	0.041		mg/l	0.041		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.043		mg/l	0.043		mg/l	0.049		mg/l	0.049		mg/l	0.022		mg/l	0.022		mg/l	0.029		mg/l	0.029		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF600			SF600			SF600			SF600			SF600			SF600			SF600			SF600		
Location Cross Ref.	CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174628			174437			174629			174438			174630			174439			174631			174440		
Sample Date	08/15/1996			08/31/1996			09/15/1996			09/30/1996			10/15/1996			10/31/1996			11/15/1996			11/30/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.023		mg/l	0.023		mg/l	0.031		mg/l	0.031		mg/l	0.031		mg/l	0.031		mg/l	0.02		mg/l	0.02		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.032		mg/l	0.032		mg/l	0.035		mg/l	0.035		mg/l	0.049		mg/l	0.049		mg/l	0.05		mg/l	0.05		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF600			SF600			SF600			SF600			SF600			SF600			SF600			SF600		
Location Cross Ref.	CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174632			174441			174633			174442			174634			174443			174635			174444		
Sample Date	12/15/1996			12/31/1996			01/15/1997			01/31/1997			02/15/1997			02/28/1997			03/15/1997			03/31/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.03		mg/l	0.03		mg/l	0.015	U	mg/l	0.015	U	mg/l	0.022		mg/l	0.022		mg/l	0.024		mg/l	0.024		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.083		mg/l	0.083		mg/l	0.063		mg/l	0.063		mg/l	0.052		mg/l	0.052		mg/l	0.043		mg/l	0.043		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF600			SF600			SF600			SF600			SF600			SF600			SF600			SF600		
Location Cross Ref.	CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174636			174445			174637			174446			174638			174447			174639			174448		
Sample Date	04/15/1997			04/30/1997			05/15/1997			05/31/1997			06/15/1997			06/30/1997			07/15/1997			07/31/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.02		mg/l	0.02		mg/l	0.037		mg/l	0.037		mg/l	0.023		mg/l	0.023		mg/l	0.029		mg/l	0.029		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.04		mg/l	0.04		mg/l	0.046		mg/l	0.046		mg/l	0.041		mg/l	0.041		mg/l	0.085		mg/l	0.085		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF600			SF600			SF600			SF600			SF600			SF600			SF600			SF600		
Location Cross Ref.	CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174640			174449			174641			174450			174642			174451			174643			174452		
Sample Date	08/15/1997			08/31/1997			09/15/1997			09/30/1997			10/15/1997			10/31/1997			11/15/1997			11/30/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.038		mg/l	0.038		mg/l	0.043		mg/l	0.043		mg/l	0.043		mg/l	0.043		mg/l	0.036		mg/l	0.036		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.095		mg/l	0.095		mg/l	0.076		mg/l	0.076		mg/l	0.029		mg/l	0.029		mg/l	0.048		mg/l	0.048		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF600			SF600			SF600			SF600			SF600			SF600			SF600			SF600		
Location Cross Ref.	CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174644			174453			174645			174454			174646			174455			174647			173217		
Sample Date	12/15/1997			12/31/1997			01/15/1998			01/31/1998			02/15/1998			02/28/1998			03/15/1998			03/25/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																						45	U	ug/l
Arsenic																						40	U	ug/l
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	2	U	ug/l
Calcium																						14000		ug/l
Chromium																								
Cobalt																								
Copper																						3	U	ug/l
Cyanide																								
Iron																								
Lead	0.041		mg/l	0.041		mg/l	0.036		mg/l	0.036		mg/l	0.026		mg/l	0.026		mg/l	0.021		mg/l	25	UJ	ug/l
Lithium																								
Magnesium																						6800		ug/l
Manganese																						2		ug/l
Mercury																						0.2	U	ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																						100	U	ug/l
Silicon																								
Silver																						4	U	ug/l
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.072		mg/l	0.072		mg/l	0.045		mg/l	0.045		mg/l	0.049		mg/l	0.049		mg/l	0.035		mg/l	29	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF600			SF600			SF600			SF600			SF600			SF600			SF600			SF601		
Location Cross Ref.	CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/001A			CALADY/REC1-6		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174456			174648			174457			174649			174458			174650			174459			174651		
Sample Date	03/31/1998			04/15/1998			04/30/1998			05/15/1998			05/31/1998			06/15/1998			06/30/1998			01/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.021		mg/l	0.041		mg/l	0.041		mg/l	0.03		mg/l	0.03		mg/l	0.05		mg/l	0.05		mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.035		mg/l	0.082		mg/l	0.082		mg/l	0.012		mg/l	0.012		mg/l	0.032		mg/l	0.032		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF601			SF601			SF601			SF601			SF601			SF601			SF601			SF601		
Location Cross Ref.	CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174652			174653			174654			174460			174655			174656			174657			174658		
Sample Date	02/15/1994			03/15/1994			04/15/1994			04/30/1994			05/15/1994			06/15/1994			07/15/1994			08/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.003		mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.016	U	mg/l	0.016	U	mg/l												
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							0.018		mg/l	0.018		mg/l												

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF601			SF601			SF601			SF601			SF601			SF601			SF601			SF601		
Location Cross Ref.	CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174659			174660			174461			174661			174662			174663			174664			174665		
Sample Date	09/15/1994			10/15/1994			10/31/1994			11/15/1994			12/15/1994			01/15/1995			02/15/1995			03/15/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002		mg/l	0.002		mg/l	0.003		mg/l	0.002	U	mg/l	0.002		mg/l	0.002		mg/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead							0.044		mg/l															
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							0.05		mg/l															

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF601			SF601			SF601			SF601			SF601			SF601			SF601			SF601		
Location Cross Ref.	CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/OTHER			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174666			174462			174667			174668			174463			173207			174464			174465		
Sample Date	04/15/1995			04/30/1995			05/15/1995			06/15/1995			10/31/1995			04/03/1996			04/30/1996			10/31/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																5	U	ug/l						
Arsenic																10		ug/l						
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l	5	U	ug/l	0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																5	U	ug/l						
Cobalt																								
Copper																5	U	ug/l						
Cyanide																								
Iron																								
Lead				0.021		mg/l							0.025		mg/l	1	U	ug/l	0.021		mg/l	0.023		mg/l
Lithium																								
Magnesium																								
Manganese																4.7		ug/l						
Mercury																0.2	U	ug/l						
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																1	U	ug/l						
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.024		mg/l							0.031		mg/l	18		ug/l	0.047		mg/l	0.034		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF601			SF601			SF601			SF602			SF602			SF602			SF602			SF602		
Location Cross Ref.	CALADY/REC1-6			CALADY/REC1-6			CALADY/REC1-6			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174466			174467			174468			174669			174469			174670			174470			174671		
Sample Date	04/30/1997			10/31/1997			04/30/1998			01/15/1994			01/31/1994			02/15/1994			02/28/1994			03/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	0.002	U	mg/l	0.002	U	mg/l				0.002		mg/l				0.002		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.017		mg/l	0.045		mg/l	0.15		mg/l	0.026		mg/l	0.026		mg/l	0.021		mg/l	0.021		mg/l	0.015		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.043		mg/l	0.017		mg/l	0.11		mg/l	0.015		mg/l	0.015		mg/l	0.014		mg/l	0.014		mg/l	0.023		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF602			SF602			SF602			SF602			SF602			SF602			SF602			SF602		
Location Cross Ref.	GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174471			174672			174472			174673			174473			174674			174474			174721		
Sample Date	03/31/1994			04/15/1994			04/30/1994			05/15/1994			05/31/1994			06/15/1994			06/30/1994			07/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002		mg/l				0.002		mg/l				0.002	U	mg/l				0.003		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.015		mg/l	0.031		mg/l	0.031		mg/l	0.027		mg/l	0.027		mg/l	0.047		mg/l	0.047		mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.023		mg/l	0.019		mg/l	0.019		mg/l	0.013		mg/l	0.013		mg/l	0.027		mg/l	0.027		mg/l	0.039		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF602			SF602			SF602			SF602			SF602			SF602			SF602			SF602		
Location Cross Ref.	GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174475			174675			174476			174676			174477			174677			174478			174678		
Sample Date	07/31/1994			08/15/1994			08/31/1994			09/15/1994			09/30/1994			10/15/1994			10/31/1994			11/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0002		mg/l				0.003		mg/l				0.003		mg/l				0.003		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.043		mg/l	0.023		mg/l	0.023		mg/l	0.039		mg/l	0.039		mg/l	0.056		mg/l	0.056		mg/l	0.023		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.039		mg/l	0.21		mg/l	0.21		mg/l	0.037		mg/l	0.037		mg/l	0.042		mg/l	0.042		mg/l	0.038		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF602			SF602			SF602			SF602			SF602			SF602			SF602			SF602		
Location Cross Ref.	GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174479			174679			174480			174680			174481			174681			174482			174682		
Sample Date	11/30/1994			12/15/1994			12/31/1994			01/15/1995			01/31/1995			02/15/1995			02/28/1995			03/15/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l				0.003	U	mg/l				0.003		mg/l				0.002	U	mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.023		mg/l	0.055		mg/l	0.055		mg/l	0.033		mg/l	0.033		mg/l	0.019		mg/l	0.019		mg/l	0.025		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.038		mg/l	0.038		mg/l	0.038		mg/l	0.027		mg/l	0.027		mg/l	0.026		mg/l	0.026		mg/l	0.033		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF602			SF602			SF602			SF602			SF602			SF602			SF602			SF602		
Location Cross Ref.	GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174483			174683			174484			174684			174485			174685			174486			174686		
Sample Date	03/31/1995			04/15/1995			04/30/1995			05/15/1995			05/31/1995			06/15/1995			06/30/1995			07/15/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.025		mg/l	0.031		mg/l	0.031		mg/l	0.031		mg/l	0.031		mg/l	0.039		mg/l	0.039		mg/l	0.027		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.033		mg/l	0.027		mg/l	0.027		mg/l	0.019		mg/l	0.019		mg/l	0.029		mg/l	0.029		mg/l	0.024		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF602			SF602			SF602			SF602			SF602			SF602			SF602			SF602		
Location Cross Ref.	GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174487			174687			174488			174688			174489			174689			174490			174690		
Sample Date	07/31/1995			08/15/1995			08/31/1995			09/15/1995			09/30/1995			10/15/1995			10/31/1995			11/15/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.027		mg/l	0.029		mg/l	0.029		mg/l	0.017		mg/l	0.017		mg/l	0.028		mg/l	0.028		mg/l	0.03		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.027		mg/l	0.017		mg/l	0.017		mg/l	0.027		mg/l	0.027		mg/l	0.042		mg/l	0.042		mg/l	0.014		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF602			SF602			SF602			SF602			SF602			SF602			SF602			SF602		
Location Cross Ref.	GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174491			174691			174492			174692			174493			174693			174494			174694		
Sample Date	11/30/1995			12/15/1995			12/31/1995			01/15/1996			01/31/1996			02/15/1996			02/29/1996			03/15/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.03		mg/l	0.027		mg/l	0.027		mg/l	0.031		mg/l	0.031		mg/l	0.018		mg/l	0.018		mg/l	0.025		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.014		mg/l	0.024		mg/l	0.024		mg/l	0.01		mg/l	0.01		mg/l	0.013		mg/l	0.013		mg/l	0.04		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF602			SF602			SF602			SF602			SF602			SF602			SF602			SF602		
Location Cross Ref.	GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/OTHER			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174495			173208			174695			174496			174696			174497			174697			174498		
Sample Date	03/31/1996			04/03/1996			04/15/1996			04/30/1996			05/15/1996			05/31/1996			06/15/1996			06/30/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony				13		ug/l																		
Arsenic				7.6		ug/l																		
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l	5	U	ug/l				0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l
Calcium																								
Chromium				5	U	ug/l																		
Cobalt																								
Copper				5	U	ug/l																		
Cyanide																								
Iron																								
Lead	0.025		mg/l	2.4		ug/l	0.029		mg/l	0.029		mg/l	0.025		mg/l	0.025		mg/l	0.027		mg/l	0.027		mg/l
Lithium																								
Magnesium																								
Manganese				460		ug/l																		
Mercury				0.2	U	ug/l																		
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver				1	U	ug/l																		
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.04		mg/l	8.4		ug/l	0.047		mg/l	0.047		mg/l	0.021		mg/l	0.021		mg/l	0.027		mg/l	0.027		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF602			SF602			SF602			SF602			SF602			SF602			SF602			SF602		
Location Cross Ref.	GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174698			174499			174699			174500			174700			174501			174701			174502		
Sample Date	07/15/1996			07/31/1996			08/15/1996			08/31/1996			09/15/1996			09/30/1996			10/15/1996			10/31/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.05		mg/l	0.05		mg/l	0.027		mg/l	0.027		mg/l	0.031		mg/l	0.031		mg/l	0.031		mg/l	0.031		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.046		mg/l	0.046		mg/l	0.031		mg/l	0.031		mg/l	0.02		mg/l	0.02		mg/l	0.031		mg/l	0.031		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF602			SF602			SF602			SF602			SF602			SF602			SF602			SF602		
Location Cross Ref.	GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174702			174503			174703			174504			174704			174722			174505			174541		
Sample Date	11/15/1996			11/30/1996			12/15/1996			12/31/1996			01/15/1997			01/15/1997			01/31/1997			01/31/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Environ. Sample			Field Duplicate		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.002	U	mg/l				0.002	U	mg/l							0.002	U	mg/l	0.002	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.03		mg/l	0.03		mg/l	0.04		mg/l	0.04		mg/l	0.03		mg/l	0.059		mg/l	0.03		mg/l	0.059		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.032		mg/l	0.032		mg/l	0.043		mg/l	0.043		mg/l	0.028		mg/l	0.065		mg/l	0.028		mg/l	0.065		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF602			SF602			SF602			SF602			SF602			SF602			SF602			SF602		
Location Cross Ref.	GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174705			174506			174507			174706			174508			174707			174509			174708		
Sample Date	02/15/1997			02/28/1997			03/31/1997			04/15/1997			04/30/1997			05/15/1997			05/31/1997			06/15/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.002	U	mg/l	0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.044		mg/l	0.044		mg/l	0.032		mg/l	0.032		mg/l	0.027		mg/l	0.027		mg/l	0.056		mg/l	0.056		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.035		mg/l	0.035		mg/l	0.064		mg/l	0.03		mg/l	0.03		mg/l	0.027		mg/l	0.027		mg/l	0.033		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF602			SF602			SF602			SF602			SF602			SF602			SF602			SF602		
Location Cross Ref.	GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174510			174709			174511			174710			174512			174711			174513			174712		
Sample Date	06/30/1997			07/15/1997			07/31/1997			08/15/1997			08/31/1997			09/15/1997			09/30/1997			10/15/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l				0.002		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.03		mg/l	0.03		mg/l	0.035		mg/l	0.035		mg/l	0.054		mg/l	0.054		mg/l	0.11		mg/l	0.11		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.033		mg/l	0.06		mg/l	0.06		mg/l	0.15		mg/l	0.15		mg/l	0.057		mg/l	0.057		mg/l	0.074		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF602			SF602			SF602			SF602			SF602			SF602			SF602			SF602		
Location Cross Ref.	GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174514			174713			174515			174714			174516			174715			174517			174716		
Sample Date	10/31/1997			11/15/1997			11/30/1997			12/15/1997			12/31/1997			01/15/1998			01/31/1998			02/15/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.041		mg/l	0.041		mg/l	0.01		mg/l	0.01		mg/l	0.044		mg/l	0.044		mg/l	0.039		mg/l	0.039		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.074		mg/l	0.01		mg/l	0.01		mg/l	0.009		mg/l	0.009		mg/l	0.088		mg/l	0.088		mg/l	0.027		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF602			SF602			SF602			SF602			SF602			SF602			SF602			SF602		
Location Cross Ref.	GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A			GALENA 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/OTHER			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174518			174717			173222			174519			174718			174520			174719			174521		
Sample Date	02/28/1998			03/15/1998			03/25/1998			03/31/1998			04/15/1998			04/30/1998			05/15/1998			05/31/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony							45	U	ug/l															
Arsenic							40	U	ug/l															
Barium																								
Beryllium																								
Cadmium	0.002	U	mg/l				2	U	ug/l	0.002	U	mg/l				0.002	U	mg/l				0.002	U	mg/l
Calcium							21000		ug/l															
Chromium																								
Cobalt																								
Copper							17		ug/l															
Cyanide																								
Iron																								
Lead	0.014		mg/l	0.042		mg/l	25	UJ	ug/l	0.042		mg/l	0.045		mg/l	0.045		mg/l	0.04		mg/l	0.04		mg/l
Lithium																								
Magnesium							9900		ug/l															
Manganese							760		ug/l															
Mercury							0.2	U	ug/l															
Molybdenum																								
Nickel																								
Potassium																								
Selenium							100	U	ug/l															
Silicon																								
Silver							4	U	ug/l															
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.027		mg/l	0.022		mg/l	18	J	ug/l	0.022		mg/l	0.028		mg/l	0.028		mg/l	0.01		mg/l	0.01		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF602			SF602			SF603			SF603			SF603			SF603			SF603			SF603		
Location Cross Ref.	GALENA 001/001A			GALENA 001/001A			GALENA REC1-6			GALENA REC1-6			GALENA REC1-6			GALENA REC1-6			GALENA REC1-6			GALENA REC1-6		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174720			174522			174523			174524			174525			174526			174527			174528		
Sample Date	06/15/1998			06/30/1998			03/31/1994			06/30/1994			09/30/1994			12/31/1994			03/31/1995			06/30/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.002	U	mg/l	0.01		mg/l	0.009		mg/l	0.012		mg/l	0.016		mg/l	0.009		mg/l	0.006		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.056		mg/l	0.056		mg/l	0.023		mg/l	0.047		mg/l	0.042		mg/l	0.043		mg/l	0.035		mg/l	0.049		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.009		mg/l	0.009		mg/l	1.5		mg/l	1.1		mg/l	1.4		mg/l	2.2		mg/l	1.4		mg/l	0.7		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF603			SF603			SF603			SF603			SF603			SF603			SF603			SF603		
Location Cross Ref.	GALENA REC1-6			GALENA REC1-6			GALENA REC1-6			GALENA REC1-6			GALENA REC1-6			GALENA REC1-6			GALENA REC1-6			GALENA REC1-6		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/OTHER			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174529			174530			174531			173209			174532			174533			174534			174535		
Sample Date	09/30/1995			12/31/1995			03/31/1996			04/03/1996			06/30/1996			09/30/1996			12/31/1996			03/31/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony										5.8		ug/l												
Arsenic										5	U	ug/l												
Barium																								
Beryllium																								
Cadmium	0.011		mg/l	0.008		mg/l	0.007		mg/l	5	U	ug/l	0.005		mg/l	0.009		mg/l	0.012		mg/l	0.008		mg/l
Calcium																								
Chromium										5	U	ug/l												
Cobalt																								
Copper										5	U	ug/l												
Cyanide																								
Iron																								
Lead	0.052		mg/l	0.044		mg/l	0.16		mg/l	1	U	ug/l	0.027		mg/l	0.05		mg/l	0.11		mg/l	0.23		mg/l
Lithium																								
Magnesium																								
Manganese										110		ug/l												
Mercury										0.2	U	ug/l												
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver										1	U	ug/l												
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.6		mg/l	0.99		mg/l	0.99		mg/l	51		ug/l	0.79		mg/l	1.2		mg/l	1.6		mg/l	1.5		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF603			SF603			SF603			SF603			SF603			SF624			SF624			SF624		
Location Cross Ref.	GALENA REC1-6			GALENA REC1-6			GALENA REC1-6			GALENA REC1-6			GALENA REC1-6			SUN 001/001A			SUN 001/001A			SUN 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174536			174537			174538			174539			174540			174830			174542			174831		
Sample Date	06/30/1997			09/30/1997			12/31/1997			03/31/1998			06/30/1998			01/15/1994			01/31/1994			02/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.005		mg/l	0.011		mg/l	0.009		mg/l	0.005		mg/l	0.006		mg/l	0.0003		mg/l	0.003		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.037		mg/l	0.21		mg/l	0.062		mg/l	0.091		mg/l	0.068		mg/l									
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.52		mg/l	1.2		mg/l	1		mg/l	0.8		mg/l	0.85		mg/l	0.045		mg/l	0.13		mg/l	0.025		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF624			SF624			SF624			SF624			SF624			SF624			SF624			SF624		
Location Cross Ref.	SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174543			174832			174544			174833			174545			174834			174546			174835		
Sample Date	02/28/1994			03/15/1994			03/31/1994			04/15/1994			04/30/1994			05/15/1994			05/31/1994			06/15/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium																						0.0002		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead																								
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.092		mg/l	0.016		mg/l	0.031		mg/l	0.024		mg/l	0.061		mg/l	0.008		mg/l	0.022		mg/l	0.016		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF624	SF624	SF624	SF624	SF624	SF624	SF624	SF624
Location Cross Ref.	SUN 001/001A	SUN 001/001A	SUN 001/001A	SUN 001/001A	SUN 001/001A	SUN 001/001A	SUN 001/001A	SUN 001/001A
Location Type	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge
(Ref) Source/Lab	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	174547	174836	174548	174837	174549	174838	174550	174839
Sample Date	06/30/1994	07/15/1994	07/31/1994	08/15/1994	08/31/1994	09/15/1994	09/30/1994	10/15/1994
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	6010	6010	6010	6010	6010	6010	6010

Analyte	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	0.003	mg/l					0.0002	mg/l	0.004	mg/l						
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead															0.005	mg/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	0.039	mg/l	0.018	mg/l	0.039	mg/l	0.025	mg/l	0.064	mg/l	0.015	mg/l	0.077	mg/l	0.022	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF624	SF624	SF624	SF624	SF624	SF624	SF624	SF624
Location Cross Ref.	SUN 001/001A	SUN 001/001A	SUN 001/001A	SUN 001/001A	SUN 001/001A	SUN 001/001A	SUN 001/001A	SUN 001/001A
Location Type	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge
(Ref) Source/Lab	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	174551	174840	174552	174841	174553	174842	174554	174843
Sample Date	10/31/1994	11/15/1994	11/30/1994	12/15/1994	12/31/1994	01/15/1995	01/31/1995	02/15/1995
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	6010	6010	6010	6010	6010	6010	6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium		0.0003 mg/l	0.0048 mg/l	0.0001 mg/l	0.002 mg/l			
Calcium								
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead	0.057 mg/l							
Lithium								
Magnesium								
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc	0.1 mg/l	0.021 mg/l	0.075 mg/l	0.014 mg/l	0.044 mg/l	0.009 mg/l	0.021 mg/l	0.027 mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF624			SF624			SF624			SF624			SF624			SF624			SF624			SF624		
Location Cross Ref.	SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174555			174844			174556			174845			174557			174846			174558			174847		
Sample Date	02/28/1995			03/15/1995			03/31/1995			04/15/1995			04/30/1995			05/15/1995			05/31/1995			06/15/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium																						0.0005		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead																								
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.071		mg/l	0.035		mg/l	0.065		mg/l	0.026		mg/l	0.042		mg/l	0.017		mg/l	0.026		mg/l	0.056		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF624			SF624			SF624			SF624			SF624			SF624			SF624			SF624		
Location Cross Ref.	SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174559			174848			174560			174849			174561			174850			174562			174851		
Sample Date	06/30/1995			07/15/1995			07/31/1995			08/15/1995			08/31/1995			09/15/1995			09/30/1995			10/15/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.006		mg/l	0.0009		mg/l	0.008		mg/l															
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead																						0.026		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.093		mg/l	0.086		mg/l	0.17		mg/l	0.072		mg/l	0.11		mg/l	0.04		mg/l	0.077		mg/l	0.041		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF624			SF624			SF624			SF624			SF624			SF624			SF624			SF624		
Location Cross Ref.	SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174563			174852			174564			174853			174565			174854			174566			174855		
Sample Date	10/31/1995			11/15/1995			11/30/1995			12/15/1995			12/31/1995			01/15/1996			01/31/1996			02/15/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium																								
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.12		mg/l	0.003		mg/l	0.057		mg/l	0.003		mg/l	0.068		mg/l	0.013		mg/l	0.11		mg/l	0.024		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.072		mg/l	0.028		mg/l	0.08		mg/l	0.022		mg/l	0.15		mg/l	0.023		mg/l	0.06		mg/l	0.038		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF624			SF624			SF624			SF624			SF624			SF624			SF624			SF624		
Location Cross Ref.	SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/OTHER			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174567			174856			174568			173213			174857			174569			174858			174570		
Sample Date	02/29/1996			03/15/1996			03/31/1996			04/04/1996			04/15/1996			04/30/1996			05/15/1996			05/31/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony										150		ug/l												
Arsenic										61		ug/l												
Barium																								
Beryllium																								
Cadmium										5	U	ug/l												
Calcium																								
Chromium										5	U	ug/l												
Cobalt																								
Copper										5	U	ug/l												
Cyanide																								
Iron										650		ug/l												
Lead	0.14		mg/l	0.009		mg/l	0.097		mg/l	18		ug/l	0.021		mg/l	0.13		mg/l	0.018		mg/l	0.11		mg/l
Lithium																								
Magnesium																								
Manganese										820		ug/l												
Mercury										0.2	U	ug/l												
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver										1	U	ug/l												
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.11		mg/l	0.057		mg/l	0.24		mg/l	22		ug/l	0.044		mg/l	0.13		mg/l	0.043		mg/l	0.085		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF624			SF624			SF624			SF624			SF624			SF624			SF624			SF624		
Location Cross Ref.	SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174859			174571			174860			174572			174861			174573			174862			174574		
Sample Date	06/15/1996			06/30/1996			07/15/1996			07/31/1996			08/15/1996			08/31/1996			09/15/1996			09/30/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium							0.0005		mg/l	0.005		mg/l	0.0007		mg/l	0.004		mg/l						
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.029		mg/l	0.34		mg/l	0.021		mg/l	0.076		mg/l	0.082		mg/l	0.31		mg/l	0.026		mg/l	0.29		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.11		mg/l	0.32		mg/l	0.058		mg/l	0.099		mg/l	0.046		mg/l	0.2		mg/l	0.043		mg/l	0.075		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF624			SF624			SF624			SF624			SF624			SF624			SF624			SF624		
Location Cross Ref.	SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174863			174575			174864			174576			174865			174577			174866			174578		
Sample Date	10/15/1996			10/31/1996			11/15/1996			11/30/1996			12/15/1996			12/31/1996			01/15/1997			01/31/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium							0.004		mg/l	0.004		mg/l	0.004		mg/l	0.015		mg/l	0.004		mg/l	0.011		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.038		mg/l	0.35		mg/l	0.042		mg/l	0.099		mg/l	0.002		mg/l	0.054		mg/l	0.01		mg/l	0.093		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.024		mg/l	0.042		mg/l	0.034		mg/l	0.053		mg/l	0.028		mg/l	0.085		mg/l	0.022		mg/l	0.077		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF624			SF624			SF624			SF624			SF624			SF624			SF624			SF624		
Location Cross Ref.	SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174867			174579			174868			174580			174869			174581			174870			174582		
Sample Date	02/15/1997			02/28/1997			03/15/1997			03/31/1997			04/15/1997			04/30/1997			05/15/1997			05/31/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.003		mg/l	0.009		mg/l							0.004	U	mg/l	0.004	U	mg/l	0.004	U	mg/l	0.005		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.006		mg/l	0.06		mg/l	0.042	U	mg/l	0.05		mg/l	0.051	U	mg/l	0.13		mg/l	0.054	U	mg/l	0.1		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.013		mg/l	0.029		mg/l	0.012		mg/l	0.03		mg/l	0.019		mg/l	0.044		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF624			SF624			SF624			SF624			SF624			SF624			SF624			SF624		
Location Cross Ref.	SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174871			174583			174872			174584			174873			174585			174874			174586		
Sample Date	06/15/1997			06/30/1997			07/15/1997			07/31/1997			08/15/1997			08/31/1997			09/15/1997			09/30/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.004	U	mg/l	0.004	U	mg/l	0.006	U	mg/l	0.013		mg/l	0.004	U	mg/l	0.004		mg/l	0.004	U	mg/l	0.004	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.05	U	mg/l	0.097		mg/l	0.06	U	mg/l	0.14		mg/l	0.098		mg/l	0.14		mg/l	0.12		mg/l	0.22		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.019		mg/l	0.034		mg/l	0.022		mg/l	0.089		mg/l	0.085		mg/l	0.22		mg/l	0.072		mg/l	0.13		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF624			SF624			SF624			SF624			SF624			SF624			SF624			SF624		
Location Cross Ref.	SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A			SUN 001/001A		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	174875			174587			174876			174588			174877			174589			174878			174590		
Sample Date	10/15/1997			10/31/1997			11/15/1997			11/30/1997			12/15/1997			12/31/1997			01/15/1998			01/31/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium													0.005	U	mg/l	0.007		mg/l						
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.055	U	mg/l	0.089		mg/l	0.12		mg/l	0.24		mg/l	0.066		mg/l	0.12		mg/l	0.11		mg/l	0.16		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.18		mg/l	0.22		mg/l	0.075		mg/l	0.33		mg/l	0.026		mg/l	0.041		mg/l	0.08		mg/l	0.22		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF624	SF624	SF624	SF624	SF624	SF624	SF624	SF624
Location Cross Ref.	SUN 001/001A	SUN 001/001A	SUN 001/001A	SUN 001/001A	SUN 001/001A	SUN 001/001A	SUN 001/001A	SUN 001/001A
Location Type	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge	Outfall/Discharge
(Ref) Source/Lab	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/OTHER	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE	(8) EPAREG10/EPARE
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	174879	174591	174880	173238	174592	174881	174593	174882
Sample Date	02/15/1998	02/28/1998	03/15/1998	03/26/1998	03/31/1998	04/15/1998	04/30/1998	05/15/1998
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	6010	6010	6010	6010	6010	6010	6010

Analyte	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit
Aluminum																					
Antimony										330		ug/l									
Arsenic										40	U	ug/l									
Barium																					
Beryllium																					
Cadmium	0.004	U	mg/l	0.004	U	mg/l				2	U	ug/l									
Calcium										16000		ug/l									
Chromium																					
Cobalt																					
Copper										3	U	ug/l									
Cyanide																					
Iron																					
Lead	0.16		mg/l	0.26		mg/l	0.11		mg/l	130		ug/l	0.15		mg/l						0.084	mg/l
Lithium																					
Magnesium										11000		ug/l									
Manganese										230		ug/l									
Mercury										0.2	U	ug/l									
Molybdenum																					
Nickel																					
Potassium																					
Selenium										100	U	ug/l									
Silicon																					
Silver										4	U	ug/l									
Sodium																					
Strontium																					
Sulfur																					
Thallium																					
Titanium																					
Uranium																					
Vanadium																					
Zinc	0.071		mg/l	0.15		mg/l	0.046		mg/l	65		ug/l	0.099		mg/l	0.17		mg/l	0.71		mg/l	0.11	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF624			SF624			SF624			SF8104			SF8104			SF8125			SF8125			SF8125		
Location Cross Ref.	SUN 001/001A			SUN 001/001A			SUN 001/001A			B7169711			B7169711			B7189701			B7189701			B7189701		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			0 - 0			0 - 0			-			-			-		
Sample Number	174594			174883			174595			187855			187855			187867			187867			187867		
Sample Date	05/31/1998			06/15/1998			06/30/1998			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			D6010			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum													0.089	U	mg/l				0.089	U	mg/l			
Antimony																								
Arsenic																0.029	U	mg/l						
Barium										0.076		mg/l	0.072		mg/l	0.01		mg/l	0.0077		mg/l			
Beryllium																								
Cadmium										0.003		mg/l	0.0023	U	mg/l	0.006		mg/l	0.0023	U	mg/l			
Calcium																								
Chromium										0.013	U	mg/l	0.0044	U	mg/l	0.016		mg/l	0.0044	U	mg/l			
Cobalt																								
Copper										0.035	U	mg/l	0.0084	U	mg/l	0.035	U	mg/l	0.0084	U	mg/l			
Cyanide																								
Iron										0.012	U	mg/l	0.0037	U	mg/l	0.041		mg/l	0.0037	U	mg/l			
Lead	0.26		mg/l	0.052		mg/l	0.091		mg/l							0.015	U	mg/l						
Lithium																								
Magnesium																								
Manganese										0.006		mg/l	0.0012	U	mg/l	0.006		mg/l	0.0012	U	mg/l			
Mercury																						0.005	U	mg/l
Molybdenum																								
Nickel										0.03		mg/l	0.007	U	mg/l	0.03		mg/l	0.007	U	mg/l			
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.33		mg/l	0.022		mg/l	0.046		mg/l	0.003	U	mg/l	0.0053		mg/l	0.003	U	mg/l	0.0025	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF8126			SF8126			SF8126			SF8126			SF8126			SF8126			SF8127			SF8127		
Location Cross Ref.	B7189702			B7189702			B7189702			B7189702			B7189702			B7189702			B7189704			B7189704		
Location Type	Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187868			187868			187868			187883			187883			187883			187869			187869		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			6010			D6010			7470			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.089	U	mg/l							0.089	U	mg/l							0.089	U	mg/l
Antimony																								
Arsenic	0.029	U	mg/l							0.029	U	mg/l							0.029	U	mg/l			
Barium	0.025		mg/l	0.021		mg/l				0.029		mg/l	0.022		mg/l				0.01		mg/l	0.0074		mg/l
Beryllium																								
Cadmium	0.005		mg/l	0.0028		mg/l				0.006		mg/l	0.0023	U	mg/l				0.009		mg/l	0.0032		mg/l
Calcium																								
Chromium	0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l				0.016		mg/l	0.0044	U	mg/l
Cobalt																								
Copper	0.035	U	mg/l	0.0084	U	mg/l				0.035	U	mg/l	0.0084	U	mg/l				0.035	U	mg/l	0.0084	U	mg/l
Cyanide																								
Iron	1.1		mg/l	0.95		mg/l				5.9		mg/l	0.0037	U	mg/l				0.012	U	mg/l	0.0037	U	mg/l
Lead	0.015	U	mg/l							0.0088		mg/l							0.0065		mg/l			
Lithium																								
Magnesium																								
Manganese	0.36		mg/l	0.34		mg/l				0.47		mg/l	0.26		mg/l				0.008		mg/l	0.0024		mg/l
Mercury							0.005	U	mg/l							0.005	U	mg/l						
Molybdenum																								
Nickel	0.03		mg/l	0.008		mg/l				0.03		mg/l	0.007	U	mg/l				0.05		mg/l	0.02		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.34		mg/l	0.33		mg/l				0.68		mg/l	0.078		mg/l				0.14		mg/l	0.15		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF8127	SF8142	SF8142	SF8142	SF8143	SF8143	SF8143	SF8144
Location Cross Ref.	B7189704	K08199703	K08199703	K08199703	K08199704	K08199704	K08199704	K08199705
Location Type	Spring/Seep	River/Stream	River/Stream	River/Stream	Adit	Adit	Adit	River/Stream
(Ref) Source/Lab	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	187869	187884	187884	187884	187885	187885	187885	187886
Sample Date	*	*	*	*	*	*	*	*
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	7470	6010	D6010	7470	6010	D6010	7470	6010

Analyte	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit
Aluminum							0.089	U	mg/l							0.089	U	mg/l						
Antimony																								
Arsenic				0.029	U	mg/l							0.0042		mg/l							0.029	U	mg/l
Barium				0.011		mg/l	0.011		mg/l				0.014		mg/l	0.012		mg/l				0.028		mg/l
Beryllium																								
Cadmium				0.003	U	mg/l	0.0023	U	mg/l				0.003		mg/l	0.0023	U	mg/l				0.003		mg/l
Calcium																								
Chromium				0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l				0.015		mg/l
Cobalt																								
Copper				0.035	U	mg/l	0.0084	U	mg/l				0.038		mg/l	0.0084	U	mg/l				0.044		mg/l
Cyanide																								
Iron				0.025		mg/l	0.0037	U	mg/l				0.69		mg/l	0.037		mg/l				0.3		mg/l
Lead				0.0026		mg/l							0.015	U	mg/l							0.0036		mg/l
Lithium																								
Magnesium																								
Manganese				0.004		mg/l	0.004		mg/l				0.082		mg/l	0.063		mg/l				0.01		mg/l
Mercury	0.005	U	mg/l							0.005	U	mg/l							0.005	U	mg/l			
Molybdenum																								
Nickel				0.02	U	mg/l	0.012		mg/l				0.02		mg/l	0.007	U	mg/l				0.02		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.23		mg/l	0.15		mg/l				0.06		mg/l	0.0079		mg/l				1.1		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF8144			SF8144			SF8145			SF8145			SF8145			SF8146			SF8146			SF8146		
Location Cross Ref.	K08199705			K08199705			K08199708			K08199708			K08199708			K08199709			K08199709			K08199709		
Location Type	River/Stream			River/Stream			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187886			187886			187887			187887			187887			187888			187888			187888		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			7470			6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.089	U	mg/l							0.089	U	mg/l							0.089	U	mg/l			
Antimony																								
Arsenic							0.0049		mg/l							0.029	U	mg/l						
Barium	0.027		mg/l				0.007		mg/l	0.006		mg/l				0.013		mg/l	0.0098		mg/l			
Beryllium																								
Cadmium	0.0026		mg/l				0.011		mg/l	0.0048		mg/l				0.003		mg/l	0.0023	U	mg/l			
Calcium																								
Chromium	0.0044		mg/l				0.016		mg/l	0.0045		mg/l				0.013	U	mg/l	0.0044	U	mg/l			
Cobalt																								
Copper	0.0084	U	mg/l				0.037		mg/l	0.0084	U	mg/l				0.035	U	mg/l	0.0084	U	mg/l			
Cyanide																								
Iron	0.0037	U	mg/l				5.7		mg/l	0.31		mg/l				0.48		mg/l	0.0037	U	mg/l			
Lead							0.026		mg/l							0.015	U	mg/l						
Lithium																								
Magnesium																								
Manganese	0.0084		mg/l				1.2		mg/l	1.1		mg/l				0.1		mg/l	0.02		mg/l			
Mercury				0.005	U	mg/l							0.005	U	mg/l							0.005	U	mg/l
Molybdenum																								
Nickel	0.02		mg/l				0.04		mg/l	0.014		mg/l				0.02	U	mg/l	0.007	U	mg/l			
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1		mg/l				2.7		mg/l	1.9		mg/l				0.014		mg/l	0.0025	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF8214			SF8214			SF8214			SF8215			SF8215			SF8215			SF8216			SF8216		
Location Cross Ref.	B7169701			B7169701			B7169701			B7169703			B7169703			B7169703			B7169704			B7169704		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187956			187956			187956			187957			187957			187957			187958			187958		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			6010			D6010			7470			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.089	U	mg/l							0.089	U	mg/l							0.089	U	mg/l
Antimony																								
Arsenic	0.029	U	mg/l							0.029	U	mg/l							0.029	U	mg/l			
Barium	0.049		mg/l	0.048		mg/l				0.021		mg/l	0.019		mg/l				0.024		mg/l	0.02		mg/l
Beryllium																								
Cadmium	0.006		mg/l	0.0024		mg/l				0.006		mg/l	0.0024		mg/l				0.007		mg/l	0.0026		mg/l
Calcium																								
Chromium	0.013	U	mg/l	0.0044	U	mg/l				0.016		mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l
Cobalt																								
Copper	0.035	U	mg/l	0.008	U	mg/l				0.035	U	mg/l	0.008	U	mg/l				0.035	U	mg/l	0.008	U	mg/l
Cyanide																								
Iron	0.012	U	mg/l	0.0037	U	mg/l				0.012	U	mg/l	0.0037	U	mg/l				0.012	U	mg/l	0.0037	U	mg/l
Lead	0.015	U	mg/l							0.015	U	mg/l							0.015	U	mg/l			
Lithium																								
Magnesium																								
Manganese	0.005		mg/l	0.002	U	mg/l				0.007		mg/l	0.002		mg/l				0.006		mg/l	0.002	U	mg/l
Mercury							0.005	U	mg/l							0.005	U	mg/l						
Molybdenum																								
Nickel	0.05		mg/l	0.019		mg/l				0.05		mg/l	0.014		mg/l				0.05		mg/l	0.013		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.003	U	mg/l	0.0025	U	mg/l				0.003	U	mg/l	0.0025	U	mg/l				0.003	U	mg/l	0.0025	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF8216	SF8217	SF8217	SF8217	SF8220	SF8220	SF8220	SF8253
Location Cross Ref.	B7169704	B7169709	B7169709	B7169709	B7239702	B7239702	B7239702	K09029701
Location Type	River/Stream	Adit	Adit	Adit	River/Stream	River/Stream	River/Stream	Adit
(Ref) Source/Lab	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER	(13) IGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	187958	187959	187959	187959	187962	187962	187962	187995
Sample Date	*	*	*	*	*	*	*	*
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	7470	6010	D6010	7470	6010	D6010	7470	6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum			0.089 U mg/l			0.089 U mg/l		
Antimony								
Arsenic		0.029 U mg/l			0.029 U mg/l			0.029 U mg/l
Barium		0.03 mg/l	0.028 mg/l		0.04 mg/l	0.033 mg/l		0.052 mg/l
Beryllium								
Cadmium		0.009 mg/l	0.0024 mg/l		0.003 U mg/l	0.0023 U mg/l		0.003 U mg/l
Calcium								
Chromium		0.015 mg/l	0.0044 U mg/l		0.013 U mg/l	0.0044 U mg/l		0.013 U mg/l
Cobalt								
Copper		0.038 mg/l	0.008 U mg/l		0.035 U mg/l	0.008 U mg/l		0.035 U mg/l
Cyanide								
Iron		2.1 mg/l	1.9 mg/l		0.035 mg/l	0.0037 U mg/l		0.012 U mg/l
Lead		0.015 U mg/l			0.015 U mg/l			0.015 U mg/l
Lithium								
Magnesium								
Manganese		0.71 mg/l	0.68 mg/l		0.002 U mg/l	0.002 U mg/l		0.025 mg/l
Mercury	0.005 U mg/l			0.005 U mg/l			0.005 U mg/l	
Molybdenum								
Nickel		0.06 mg/l	0.017 mg/l		0.02 U mg/l	0.007 U mg/l		0.02 U mg/l
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc		0.003 U mg/l	0.004 mg/l		0.003 U mg/l	0.0025 U mg/l		0.006 mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF8253		SF8253		SF8254		SF8254		SF8254		SF8255		SF8255		SF8255	
Location Cross Ref.	K09029701		K09029701		K09029702		K09029702		K09029702		K09029703		K09029703		K09029703	
Location Type	Adit		Adit		Adit		Adit		Adit		Spring/Seep		Spring/Seep		Spring/Seep	
(Ref) Source/Lab	(13) IGS/OTHER		(13) IGS/OTHER		(13) IGS/OTHER		(13) IGS/OTHER		(13) IGS/OTHER		(13) IGS/OTHER		(13) IGS/OTHER		(13) IGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	187995		187995		187996		187996		187996		187997		187997		187997	
Sample Date	*		*		*		*		*		*		*		*	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		7470		6010		D6010		7470		6010		D6010		7470	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	0.15	mg/l					0.13	mg/l					0.17	mg/l		
Antimony																
Arsenic					0.029 U	mg/l					0.029 U	mg/l				
Barium	0.046	mg/l			0.057	mg/l	0.05	mg/l			0.049	mg/l	0.047	mg/l		
Beryllium																
Cadmium	0.0041	mg/l			0.003 U	mg/l	0.005	mg/l			0.003 U	mg/l	0.0048	mg/l		
Calcium																
Chromium	0.009	mg/l			0.015	mg/l	0.008	mg/l			0.013 U	mg/l	0.016	mg/l		
Cobalt																
Copper	0.008 U	mg/l			0.035 U	mg/l	0.008 U	mg/l			0.035 U	mg/l	0.008 U	mg/l		
Cyanide																
Iron	0.0091	mg/l			0.043	mg/l	0.0072	mg/l			0.012 U	mg/l	0.013	mg/l		
Lead					0.015 U	mg/l					0.015 U	mg/l				
Lithium																
Magnesium																
Manganese	0.013	mg/l			0.012	mg/l	0.005	mg/l			0.009	mg/l	0.005	mg/l		
Mercury			0.005 U	mg/l					0.005 U	mg/l					0.005 U	mg/l
Molybdenum																
Nickel	0.023	mg/l			0.02 U	mg/l	0.025	mg/l			0.02 U	mg/l	0.029	mg/l		
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	0.0025 U	mg/l			0.032	mg/l	0.0025 U	mg/l			0.003 U	mg/l	0.0025 U	mg/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg01

Site Location	SF8256			SF8256			SF8256			SF8260			SF8260			SF8260		
Location Cross Ref.	K09169707			K09169707			K09169707			R08129701			R08129701			R08129701		
Location Type	River/Stream			River/Stream			River/Stream			Test Pit			Test Pit			Test Pit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	187998			187998			187998			188002			188002			188002		
Sample Date	*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.089	U	mg/l							0.089	U	mg/l			
Antimony																		
Arsenic	0.029	U	mg/l							0.029	U	mg/l						
Barium	0.08		mg/l	0.072		mg/l				0.004		mg/l	0.0059		mg/l			
Beryllium																		
Cadmium	0.003	U	mg/l	0.0023	U	mg/l				0.003	U	mg/l	0.0023	U	mg/l			
Calcium																		
Chromium	0.014		mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l			
Cobalt																		
Copper	0.036		mg/l	0.008	U	mg/l				0.035	U	mg/l	0.012		mg/l			
Cyanide																		
Iron	0.012	U	mg/l	0.0037	U	mg/l				0.012	U	mg/l	0.009		mg/l			
Lead	0.015	U	mg/l							0.015	U	mg/l						
Lithium																		
Magnesium																		
Manganese	0.006		mg/l	0.003		mg/l				0.002	U	mg/l	0.003		mg/l			
Mercury							0.005	U	mg/l							0.005	U	mg/l
Molybdenum																		
Nickel	0.03		mg/l	0.021		mg/l				0.02	U	mg/l	0.007	U	mg/l			
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	0.008		mg/l	0.0025	U	mg/l				0.021		mg/l	0.0064		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF3			SF3			SF3			SF3			SF3			SF3			SF3			SF3		
Location Cross Ref.	CTP			CTP			CTP			CTP			CTP			CTP			CTP			CTP		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173276			175301			173277			175302			173278			175303			173279			175304		
Sample Date	06/15/1996			06/30/1996			07/15/1996			07/30/1996			08/15/1996			08/30/1996			09/15/1996			09/30/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	12		ug/l	25		ug/l	210		ug/l	2000		ug/l	6		ug/l	12		ug/l	5		ug/l	6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	170		ug/l	580		ug/l	170		ug/l	210		ug/l	150		ug/l	170		ug/l	130		ug/l	150		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	78		ug/l	280		ug/l	3800		ug/l	20000		ug/l	120		ug/l	260		ug/l	110		ug/l	170		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF3			SF3			SF3			SF3			SF3			SF3			SF3			SF3		
Location Cross Ref.	CTP			CTP			CTP			CTP			CTP			CTP			CTP			CTP		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173280			175305			173281			175306			173282			175307			173283			175308		
Sample Date	10/15/1996			10/30/1996			11/15/1996			11/30/1996			12/15/1996			12/30/1996			01/15/1997			01/30/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	24		ug/l	46		ug/l	26		ug/l	41		ug/l	22		ug/l	44		ug/l	14		ug/l	33		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	130		ug/l	160		ug/l	130		ug/l	170		ug/l	99		ug/l	140		ug/l	82		ug/l	120		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	170		ug/l	320		ug/l	450		ug/l	1200		ug/l	640		ug/l	2900		ug/l	360		ug/l	1400		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF3			SF3			SF3			SF3			SF3			SF3			SF3			SF3		
Location Cross Ref.	CTP			CTP			CTP			CTP			CTP			CTP			CTP			CTP		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173284			175309			173285			175310			173286			175311			173287			175312		
Sample Date	02/15/1997			02/28/1997			03/15/1997			03/30/1997			04/15/1997			04/30/1997			05/15/1997			05/30/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	16		ug/l	86		ug/l	37		ug/l	120		ug/l	30		ug/l	65		ug/l	43		ug/l	340		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	87		ug/l	110		ug/l	94		ug/l	130		ug/l	110		ug/l	140		ug/l	130		ug/l	160		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	220		ug/l	650		ug/l	1100		ug/l	4200		ug/l	2500		ug/l	5400		ug/l	4600		ug/l	34000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF3		SF3		SF3		SF3		SF3		SF3		SF3		SF3		SF3	
Location Cross Ref.	CTP		CTP		CTP		CTP		CTP		CTP		CTP		CTP		CTP	
Location Type	Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge	
(Ref) Source/Lab	(8) EPAREG10/EPARE		(8) EPAREG10/EPARE		(8) EPAREG10/EPARE		(8) EPAREG10/EPARE		(8) EPAREG10/EPARE		(8) EPAREG10/EPARE		(8) EPAREG10/EPARE		(8) EPAREG10/EPARE		(8) EPAREG10/EPARE	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-		-	
Sample Number	173288		175313		173289		175314		173290		175315		173291		175316			
Sample Date	06/15/1997		06/30/1997		07/15/1997		07/30/1997		08/15/1997		08/30/1997		09/15/1997		09/30/1997			
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample			
Analytical Method	6010		6010		6010		6010		6010		6010		6010		6010			
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**		
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	22	ug/l	44	ug/l	7	ug/l	37	ug/l	7	ug/l	62	ug/l	2	ug/l	4	ug/l		
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	130	ug/l	150	ug/l	120	ug/l	190	ug/l	110	ug/l	150	ug/l	130	ug/l	460	ug/l		
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	3900	ug/l	9700	ug/l	1100	ug/l	5100	ug/l	580	ug/l	5400	ug/l	160	ug/l	520	ug/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF3			SF3			SF3			SF3			SF3			SF3			SF3			SF3		
Location Cross Ref.	CTP			CTP			CTP			CTP			CTP			CTP			CTP			CTP		
Location Type	Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge		
(Ref) Source/Lab	(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE			(8) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173292			175317			173293			175318			173294			175319			173295			175320		
Sample Date	10/15/1997			10/30/1997			11/15/1997			11/30/1997			12/15/1997			12/30/1997			01/15/1998			01/30/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2		ug/l	4		ug/l	6		ug/l	20		ug/l	3		ug/l	9		ug/l	2		ug/l	6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	140		ug/l	380		ug/l	100		ug/l	130		ug/l	110		ug/l	140		ug/l	88		ug/l	110		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	170		ug/l	560		ug/l	330		ug/l	2700		ug/l	240		ug/l	1800		ug/l	220		ug/l	920		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF3		SF3		SF3		SF3		SF3		SF3		SF3		SF3		SF3	
Location Cross Ref.	CTP		CTP		CTP		CTP		CTP		CTP		CTP		CTP		CTP	
Location Type	Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge		Outfall/Discharge	
(Ref) Source/Lab	(8) EPAREG10/EPARE		(8) EPAREG10/EPARE		(8) EPAREG10/EPARE		(8) EPAREG10/EPARE		(8) EPAREG10/EPARE		(8) EPAREG10/EPARE		(8) EPAREG10/EPARE		(8) EPAREG10/EPARE		(8) EPAREG10/EPARE	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-		-	
Sample Number	173296		175321		173297		175322		173298		175323		173299		175324			
Sample Date	03/15/1998		03/30/1998		04/15/1998		04/30/1998		05/15/1998		05/30/1998		06/15/1998		06/30/1998			
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample			
Analytical Method	6010		6010		6010		6010		6010		6010		6010		6010			
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**		
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium	3	ug/l	9	ug/l	2	ug/l	4	ug/l	3	ug/l	15	ug/l	2	ug/l	2	ug/l		
Calcium																		
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead	110	ug/l	170	ug/l	120	ug/l	150	ug/l	120	ug/l	160	ug/l	110	ug/l	140	ug/l		
Lithium																		
Magnesium																		
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium																		
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc	210	ug/l	710	ug/l	150	ug/l	540	ug/l	150	ug/l	2000	ug/l	45	ug/l	270	ug/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF100			SF100			SF100			SF100			SF100			SF100			SF100			SF100		
Location Cross Ref.	BC-2			BC-2			BC-2			BC-2			BC-2			BC-2			BC-2			BC-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172676			172676			172491			172491			172367			172367			172275			172275		
Sample Date	02/05/1997			02/05/1997			04/24/1997			04/24/1997			10/12/1997			10/12/1997			02/17/1998			02/17/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	45	U	ug/l	45	U	ug/l	47	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l
Arsenic	6.2		ug/l	4.5	U	ug/l	4.7	U	ug/l	4.5	U	ug/l	0.005	U	mg/l	0.005	U	mg/l	0.015		mg/l	0.018		mg/l
Barium																								
Beryllium																								
Cadmium	81		ug/l	84		ug/l	86		ug/l	87		ug/l	0.071		mg/l	0.075		mg/l	0.15		mg/l	0.21		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper	14		ug/l	3.2	J	ug/l	8.3		ug/l	3	U	ug/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.015		mg/l
Cyanide																								
Iron																								
Lead	270		ug/l	8.9		ug/l	110		ug/l	13		ug/l	0.02		mg/l	0.12		mg/l	0.003	U	mg/l	0.03		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.29		ug/l	1.4		ug/l	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	9500		ug/l	9700		ug/l	5500		ug/l	5200		ug/l	4		mg/l	4.2		mg/l	9.9		mg/l	12		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF101		SF101		SF101		SF101		SF101		SF101		SF102		SF102	
Location Cross Ref.	BC-2A		BC-2A		BC-2A		BC-2A		BC-2A		BC-2A		BC-2B		BC-2B	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172492		172492		172370		172370		172279		172279		172493		172493	
Sample Date	04/24/1997		04/24/1997		10/12/1997		10/12/1997		02/17/1998		02/17/1998		04/24/1997		04/24/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		D6010		6010		D6010		6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony	45 U	ug/l	45 U	ug/l	0.05 U	mg/l	0.05 U	mg/l	0.05 U	mg/l	0.05 U	mg/l	45 U	ug/l	45 U	ug/l
Arsenic	4.5 U	ug/l	4.5 U	ug/l	0.005 U	mg/l	0.005 U	mg/l	0.005 U	mg/l	0.005 U	mg/l	4.5 U	ug/l	4.5 U	ug/l
Barium																
Beryllium																
Cadmium	3 U	ug/l	3 U	ug/l	0.005	mg/l	0.004 U	mg/l	0.026	mg/l	0.024	mg/l	4.5	ug/l	5.3	ug/l
Calcium																
Chromium																
Cobalt																
Copper	3	ug/l	3 U	ug/l	0.012 U	mg/l	0.012 U	mg/l	0.012 U	mg/l	0.012 U	mg/l	3 U	ug/l	3 U	ug/l
Cyanide																
Iron																
Lead	4.3	ug/l	1.5 U	ug/l	0.009	mg/l	0.02	mg/l	0.032	mg/l	0.03	mg/l	270	ug/l	190	ug/l
Lithium																
Magnesium																
Manganese																
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.0002 U	mg/l	0.0002 U	mg/l	0.0002 U	mg/l	0.0002 U	mg/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	320	ug/l	320	ug/l	0.6	mg/l	0.63	mg/l	9.1	mg/l	9.1	mg/l	610	ug/l	630	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF102			SF102			SF103			SF103			SF103			SF103			SF103			SF103		
Location Cross Ref.	BC-2B			BC-2B			BC-2C			BC-2C			BC-2C			BC-2C			BC-2C			BC-2C		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172277			172277			172490			172490			172368			172368			172276			172276		
Sample Date	02/17/1998			02/17/1998			04/24/1997			04/24/1997			10/12/1997			10/12/1997			02/17/1998			02/17/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			6010			D6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l	0.05	U	mg/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.015	U	mg/l	0.05	U	mg/l	0.05	U	mg/l
Arsenic	0.005	U	mg/l	0.005	U	mg/l	18		ug/l	12		ug/l	0.023		mg/l	0.023		mg/l	0.005	U	mg/l	0.005	U	mg/l
Barium																								
Beryllium																								
Cadmium	0.004	U	mg/l	0.004	U	mg/l	180		ug/l	200		ug/l	0.74		mg/l	0.81		mg/l	0.17		mg/l	0.24		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l	0.012	U	mg/l	7.6		ug/l	4.3		ug/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l
Cyanide																								
Iron																								
Lead	0.011		mg/l	0.15		mg/l	74		ug/l	29		ug/l	0.11		mg/l	0.15		mg/l	0.011		mg/l	0.03		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.72		mg/l	0.8		mg/l	3800		ug/l	4000		ug/l	10		mg/l	10		mg/l	3.9		mg/l	5.1		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF104			SF104			SF104			SF104			SF104			SF104			SF105			SF105		
Location Cross Ref.	BC-2D			BC-2D			BC-2D			BC-2D			BC-2D			BC-2D			BC-6			BC-6		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172546			172546			172369			172369			172278			172278			172441			172597		
Sample Date	04/24/1997			04/24/1997			10/12/1997			10/12/1997			02/17/1998			02/17/1998			10/22/1996			02/06/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			D6010			6010			D6010			6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	45	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l	45	U	ug/l
Arsenic	4.5	U	ug/l	4.5	U	ug/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	34		ug/l	26		ug/l
Barium																								
Beryllium																								
Cadmium	3	U	ug/l	3	U	ug/l	0.006		mg/l	0.004	U	mg/l	0.005		mg/l	0.004	U	mg/l	54		ug/l	69		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	3	U	ug/l	3	U	ug/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l						
Cyanide																								
Iron																								
Lead	33		ug/l	26		ug/l	0.022		mg/l	0.039		mg/l	0.004		mg/l	0.17		mg/l	53		ug/l	61		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0008	UJ	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	130		ug/l	130		ug/l	0.44		mg/l	0.47		mg/l	1.3		mg/l	1.4		mg/l	10000		ug/l	13000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF105			SF105			SF105			SF106			SF106			SF106			SF106			SF106		
Location Cross Ref.	BC-6			BC-6			BC-6			BG-1			BG-1			BG-1			BG-1			BG-1		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172599			172513			172558			172422			172598			172515			172282			172324		
Sample Date	02/06/1997			04/24/1997			04/24/1997			10/19/1996			02/05/1997			04/24/1997			09/01/1997			10/12/1997		
Sample Type	Field Duplicate			Environ. Sample			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	45	U	ug/l	45	U	ug/l	45	U	ug/l	45		ug/l	45	U	ug/l	45	U	ug/l				0.05	U	mg/l
Arsenic	4.5	U	ug/l	22		ug/l	22		ug/l	0.1	U	ug/l	1.5	U	ug/l	4.5	U	ug/l	0.001	U	mg/l	0.005	U	mg/l
Barium																								
Beryllium																								
Cadmium	3	U	ug/l	72		ug/l	73		ug/l	3	U	ug/l	3	U	ug/l	3	U	ug/l	0.002	U	mg/l	0.005	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																						0.012	U	mg/l
Cyanide																								
Iron																								
Lead	1.5	U	ug/l	31		ug/l	30		ug/l	0.22		ug/l	1.5	U	ug/l	1.5	U	ug/l	0.001	U	mg/l	0.003	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.42		ug/l	0.2	U	ug/l	0.2	U	ug/l				0.0002	U	mg/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	130		ug/l	13000		ug/l	13000		ug/l	56		ug/l	18		ug/l	24		ug/l	0.054		mg/l	0.03		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF106			SF106			SF106			SF106			SF107			SF107			SF107			SF107		
Location Cross Ref.	BG-1			BG-1			BG-1			BG-1			CIA SEEPS			CIA SEEPS			CIA SEEPS			CIA SEEPS		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172371			172382			172393			172233			172365			172365			172272			172272		
Sample Date	11/01/1997			12/01/1997			*			02/17/1998			10/12/1997			10/12/1997			02/17/1998			02/17/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			DIN-CLP-LOW			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony										0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l
Arsenic	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.057		mg/l	0.057		mg/l	0.041		mg/l	0.039		mg/l
Barium																								
Beryllium																								
Cadmium	0.004	U	mg/l	0.004	U	mg/l	0.004	U	mg/l	0.004	U	mg/l	0.014		mg/l	0.016		mg/l	0.018		mg/l	0.015		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper										0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l
Cyanide																								
Iron																								
Lead	0.003	U	mg/l	0.003	U	mg/l	0.003	U	mg/l	0.003	U	mg/l	0.003	U	mg/l	0.02		mg/l	0.003	U	mg/l	0.009		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury										0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.03		mg/l	0.02		mg/l	0.02	U	mg/l	0.04	J	mg/l	23		mg/l	23		mg/l	14		mg/l	18		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF108		SF108		SF108		SF108		SF108		SF108		SF108		SF108	
Location Cross Ref.	GG-1		GG-1		GG-1		GG-1		GG-1		GG-1		GG-1		GG-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172679		172679		172541		172541		172363		172363		172280		172280	
Sample Date	02/05/1997		02/05/1997		04/24/1997		04/24/1997		10/12/1997		10/12/1997		02/17/1998		02/17/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony	45 U	ug/l	45 U	ug/l	45 U	ug/l	45 U	ug/l	0.05 U	mg/l	0.05 U	mg/l	0.05 U	mg/l	0.05 U	mg/l
Arsenic	4.5 U	ug/l	1.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	0.005 U	mg/l	0.005 U	mg/l	0.005 U	mg/l	0.005 U	mg/l
Barium																
Beryllium																
Cadmium	3 U	ug/l	3 U	ug/l	3 U	ug/l	3 U	ug/l	0.004 U	mg/l	0.004 U	mg/l	0.004 U	mg/l	0.004 U	mg/l
Calcium																
Chromium																
Cobalt																
Copper	3 U	ug/l	3 U	ug/l	3 U	ug/l	3 U	ug/l	0.012 U	mg/l	0.012 U	mg/l	0.012 U	mg/l	0.012 U	mg/l
Cyanide																
Iron																
Lead	1.5 U	ug/l	1.5 U	ug/l	1.5 U	ug/l	1.5 U	ug/l	0.003 U	mg/l	0.003 U	mg/l	0.003 U	mg/l	0.003 U	mg/l
Lithium																
Magnesium																
Manganese																
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.0002 U	mg/l	0.0002 U	mg/l	0.0002 U	mg/l	0.0002 U	mg/l
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	13	ug/l	9.4	ug/l	11	ug/l	6.9	ug/l	0.02 U	mg/l	0.02 U	mg/l	0.02 U	mg/l	0.02 U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF110		SF110		SF110		SF110		SF110		SF110		SF110		SF110	
Location Cross Ref.	GG-3		GG-3		GG-3		GG-3		GG-3		GG-3		GG-3		GG-3	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172680		172680		172535		172535		172542		172542		172364		172364	
Sample Date	02/05/1997		02/05/1997		04/24/1997		04/24/1997		04/24/1997		04/24/1997		10/12/1997		10/12/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony	45 U	ug/l	45 U	ug/l	45 U	ug/l	45 U	ug/l	45 U	ug/l	45 U	ug/l	0.05 U	mg/l	0.05 U	mg/l
Arsenic	21	ug/l	1.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	4.5 U	ug/l	0.005 U	mg/l	0.005 U	mg/l
Barium																
Beryllium																
Cadmium	260	ug/l	240	ug/l	41	ug/l	41	ug/l	40	ug/l	41	ug/l	0.12	mg/l	0.13	mg/l
Calcium																
Chromium																
Cobalt																
Copper	170	ug/l	13 J	ug/l	8.4	ug/l	3 U	ug/l	8.7	ug/l	3 U	ug/l	0.012 U	mg/l	0.012 U	mg/l
Cyanide																
Iron																
Lead	600	ug/l	6.6	ug/l	25	ug/l	1.5 U	ug/l	23	ug/l	1.5 U	ug/l	0.003 U	mg/l	0.02	mg/l
Lithium																
Magnesium																
Manganese																
Mercury	3.4	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.0002 U	mg/l	0.0002 U	mg/l
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	10000	ug/l	9200	ug/l	1500	ug/l	1400	ug/l	1400	ug/l	1400	ug/l	3	mg/l	3.2	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF110			SF110			SF113			SF113			SF113			SF114			SF114			SF114		
Location Cross Ref.	GG-3			GG-3			GR-101			GR-101			GR-101			GR-102			GR-102			GR-102		
Location Type	River/Stream			River/Stream			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172273			172273			172417			172608			172563			172467			172609			172565		
Sample Date	02/17/1998			02/17/1998			10/17/1996			02/07/1997			04/24/1997			10/25/1996			02/12/1997			04/24/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l	45	U	ug/l	45	U	ug/l	40	U	ug/l	45	U	ug/l	45	U	ug/l
Arsenic	0.005	U	mg/l	0.005	U	mg/l	0.23		ug/l	1.5	U	ug/l	4.5	U	ug/l	0.14		ug/l	4.5	U	ug/l	4.5	U	ug/l
Barium																								
Beryllium																								
Cadmium	0.31		mg/l	0.35		mg/l	15		ug/l	14		ug/l	11		ug/l	35		ug/l	66		ug/l	50		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.014		mg/l	0.032		mg/l																		
Cyanide																								
Iron																								
Lead	0.021		mg/l	0.11		mg/l	0.17		ug/l	1.5	U	ug/l	1.5	U	ug/l	12		ug/l	6.4		ug/l	7.1		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.35		ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	11		mg/l	12		mg/l	1900		ug/l	1800		ug/l	1500		ug/l	6700		ug/l	12000		ug/l	9500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF114			SF114			SF115			SF115			SF115			SF115			SF115			SF117		
Location Cross Ref.	GR-102			GR-102			GR-103D			GR-103D			GR-103D			GR-103D			GR-103D			GR-104D		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172338			172246			172458			172610			172564			172346			172256			172460		
Sample Date	10/12/1997			02/17/1998			10/25/1996			02/12/1997			04/24/1997			10/12/1997			02/17/1998			10/25/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			DIN-CLP-LOW			D6010			D6010			D6010			D6010			DIN-CLP-LOW			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l
Arsenic	0.005	U	mg/l	0.005	U	mg/l	0.38		ug/l	4.5	U	ug/l	4.5	U	ug/l	0.005	U	mg/l	0.005	U	mg/l	0.34		ug/l
Barium																								
Beryllium																								
Cadmium	0.04	J	mg/l	0.038		mg/l	110		ug/l	110		ug/l	97		ug/l	0.094	J	mg/l	0.075		mg/l	110		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l	0.012	U	mg/l										0.012	U	mg/l	0.012	U	mg/l			
Cyanide																								
Iron																								
Lead	0.006		mg/l	0.005		mg/l	0.83		ug/l	1.5	U	ug/l	1.5	U	ug/l	0.003	U	mg/l	0.003	U	mg/l	0.29		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.31		ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	6.1		mg/l	7		mg/l	21000		ug/l	22000		ug/l	21000		ug/l	18		mg/l	20		mg/l	21000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF117		SF117		SF117		SF117		SF119		SF119		SF119		SF119	
Location Cross Ref.	GR-104D		GR-104D		GR-104D		GR-104D		GR-105D		GR-105D		GR-105D		GR-105D	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172612		172566		172343		172254		172462		172614		172568		172342	
Sample Date	02/12/1997		04/24/1997		10/12/1997		02/17/1998		10/25/1996		02/12/1997		04/24/1997		10/12/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		D6010		DIN-CLP-LOW		D6010		D6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony	45 U	ug/l	45 U	ug/l	0.05 U	mg/l	0.05 U	mg/l	40 U	ug/l	45 U	ug/l	45 U	ug/l	0.05 U	mg/l
Arsenic	4.5 U	ug/l	4.5 U	ug/l	0.005 U	mg/l	0.005 U	mg/l	0.32	ug/l	4.5 U	ug/l	4.5 U	ug/l	0.005 U	mg/l
Barium																
Beryllium																
Cadmium	98	ug/l	94	ug/l	0.09 J	mg/l	0.07	mg/l	120	ug/l	110	ug/l	110	ug/l	0.099 J	mg/l
Calcium																
Chromium																
Cobalt																
Copper					0.012 U	mg/l	0.012 U	mg/l							0.012 U	mg/l
Cyanide																
Iron																
Lead	1.5 U	ug/l	1.5 U	ug/l	0.003 U	mg/l	0.003 U	mg/l	0.46	ug/l	1.5 U	ug/l	1.5 U	ug/l	0.003 U	mg/l
Lithium																
Magnesium																
Manganese																
Mercury	0.25	ug/l	0.2 U	ug/l	0.0002 U	mg/l	0.0002 U	mg/l	0.2 U	ug/l	0.47	ug/l	0.2 U	ug/l	0.0002 U	mg/l
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	19000	ug/l	19000	ug/l	17	mg/l	20	mg/l	21000	ug/l	21000	ug/l	20000	ug/l	17	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF119			SF121			SF121			SF130			SF130			SF130			SF130			SF130		
Location Cross Ref.	GR-105D			GR-10T			GR-10T			GR-18			GR-18			GR-18			GR-18			GR-18		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172252			172616			172501			172455			172620			172512			172322			172257		
Sample Date	02/17/1998			02/09/1997			04/24/1997			10/24/1996			02/11/1997			04/24/1997			10/12/1997			02/17/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			D6010			D6010			D6010			D6010			D6010			D6010			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l	45	U	ug/l	45	U	ug/l	40	U	ug/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.06		mg/l
Arsenic	0.005	U	mg/l	20		ug/l	4.5	U	ug/l	19		ug/l	15		ug/l	16		ug/l	0.013		mg/l	0.026	J	mg/l
Barium																								
Beryllium																								
Cadmium	0.11		mg/l	200		ug/l	310		ug/l	3	U	ug/l	3	U	ug/l	3	U	ug/l	0.005	U	mg/l	0.004	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l																0.012	U	mg/l	0.012	U	mg/l
Cyanide																								
Iron																								
Lead	0.003	U	mg/l	160		ug/l	110		ug/l	0.74		ug/l	1.5	U	ug/l	1.5	U	ug/l	0.003	U	mg/l	0.003	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.4		ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	22		mg/l	30000		ug/l	36000		ug/l	4100		ug/l	4600		ug/l	3900		ug/l	3.1		mg/l	4.6		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF131		SF131		SF131		SF131		SF131		SF135		SF135		SF135	
Location Cross Ref.	GR-1LD		GR-1LD		GR-1LD		GR-1LD		GR-1LD		GR-21L		GR-21L		GR-21L	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172471		172621		172511		172319		172228		172447		172448		172600	
Sample Date	10/28/1996		02/10/1997		04/24/1997		10/12/1997		02/17/1998		10/23/1996		10/23/1996		02/11/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Field Duplicate	
Analytical Method	D6010		D6010		D6010		D6010		DIN-CLP-LOW		D6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony	40 U	ug/l	45 U	ug/l	45 U	ug/l	0.05 U	mg/l	0.05 U	mg/l	40 U	ug/l	40 U	ug/l	45 U	ug/l
Arsenic	0.27	ug/l	1.5 U	ug/l	4.5 U	ug/l	0.005 U	mg/l	0.005 U	mg/l	0.23	ug/l	0.21	ug/l	28	ug/l
Barium																
Beryllium																
Cadmium	43	ug/l	43	ug/l	44	ug/l	0.04	mg/l	0.058	mg/l	18	ug/l	18	ug/l	500	ug/l
Calcium																
Chromium																
Cobalt																
Copper							0.012 U	mg/l	0.016	mg/l						
Cyanide																
Iron																
Lead	0.2	ug/l	1.5 U	ug/l	1.5 U	ug/l	0.003 U	mg/l	0.003 U	mg/l	0.18	ug/l	0.15	ug/l	120	ug/l
Lithium																
Magnesium																
Manganese																
Mercury	0.2 U	ug/l	0.2	ug/l	0.2 U	ug/l	0.0003	mg/l	0.0002 U	mg/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	8400	ug/l	8800	ug/l	9400	ug/l	9.8	mg/l	11	mg/l	8400	ug/l	8300	ug/l	60000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF135			SF135			SF135			SF135			SF135			SF139			SF139			SF139		
Location Cross Ref.	GR-21L			GR-21L			GR-21L			GR-21L			GR-21L			GR-26L			GR-26L			GR-26L		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172625			172559			172578			172352			172281			172454			172629			172553		
Sample Date	02/11/1997			04/24/1997			04/24/1997			10/12/1997			02/17/1998			10/24/1996			02/11/1997			04/24/1997		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			DIN-CLP-LOW			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	45	U	ug/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l	45	U	ug/l	45	U	ug/l
Arsenic	1.5	U	ug/l	4.5	U	ug/l	4.5	U	ug/l	0.005	U	mg/l	0.005	U	mg/l	0.14		ug/l	1.5	U	ug/l	4.5	U	ug/l
Barium																								
Beryllium																								
Cadmium	17		ug/l	16		ug/l	16		ug/l	0.022	J	mg/l	0.018		mg/l	3	U	ug/l	3	U	ug/l	3	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper										0.012	U	mg/l	0.012	U	mg/l									
Cyanide																								
Iron																								
Lead	1.5	U	ug/l	1.5	U	ug/l	1.5	U	ug/l	0.003	U	mg/l	0.003	U	mg/l	0.15		ug/l	1.5	U	ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.34		ug/l	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.32		ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	8500		ug/l	8100		ug/l	8300		ug/l	7.9		mg/l	7.7		mg/l	5600		ug/l	5800		ug/l	5500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF139			SF139			SF141			SF141			SF141			SF141			SF141			SF143		
Location Cross Ref.	GR-26L			GR-26L			GR-26UD			GR-26UD			GR-26UD			GR-26UD			GR-26UD			GR-27		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172349			172258			172452			172630			172554			172350			172260			172463		
Sample Date	10/12/1997			02/17/1998			10/24/1996			02/11/1997			04/24/1997			10/12/1997			02/17/1998			10/25/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			DIN-CLP-LOW			D6010			D6010			D6010			D6010			DIN-CLP-LOW			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l
Arsenic	0.005	U	mg/l	0.005	U	mg/l	0.13		ug/l	1.5	U	ug/l	4.5	U	ug/l	0.005	U	mg/l	0.005	U	mg/l	0.29		ug/l
Barium																								
Beryllium																								
Cadmium	0.005	UJ	mg/l	0.004	U	mg/l	3	U	ug/l	3	U	ug/l	3	U	ug/l	0.008	J	mg/l	0.004	U	mg/l	180		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l	0.012	U	mg/l										0.012	U	mg/l	0.012	U	mg/l			
Cyanide																								
Iron																								
Lead	0.003	U	mg/l	0.003	U	mg/l	1.2		ug/l	5		ug/l	2.9		ug/l	0.003	U	mg/l	0.003	U	mg/l	0.39		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.46		ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0003		mg/l	0.2	U	ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	5.7		mg/l	5.7		mg/l	2500		ug/l	2700		ug/l	4000		ug/l	3.7		mg/l	3.4		mg/l	25000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF143		SF143		SF143		SF143		SF144		SF144		SF144		SF144	
Location Cross Ref.	GR-27		GR-27		GR-27		GR-27		GR-3		GR-3		GR-3		GR-3	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172632		172582		172347		172250		172479		172633		172561		172289	
Sample Date	02/12/1997		04/24/1997		10/12/1997		02/17/1998		10/29/1996		02/12/1997		04/24/1997		09/01/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		D6010		DIN-CLP-LOW		D6010		D6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony	45 U	ug/l	45 U	ug/l	0.05 U	mg/l	0.05 U	mg/l	40 U	ug/l	45 U	ug/l	45 U	ug/l		
Arsenic	4.5 U	ug/l	4.5 U	ug/l	0.005 U	mg/l	0.005 U	mg/l	35	ug/l	24	ug/l	30	ug/l	0.036	mg/l
Barium																
Beryllium																
Cadmium	210	ug/l	210	ug/l	0.18 J	mg/l	0.18	mg/l	46	ug/l	59	ug/l	59	ug/l	0.073	mg/l
Calcium																
Chromium																
Cobalt																
Copper					0.012 U	mg/l	0.012 U	mg/l								
Cyanide																
Iron																
Lead	1.5 U	ug/l	1.5 U	ug/l	0.003 U	mg/l	0.003 U	mg/l	4.9	ug/l	4.4	ug/l	2.3	ug/l	0.004	mg/l
Lithium																
Magnesium																
Manganese																
Mercury	0.31	ug/l	0.2 U	ug/l	0.0002 U	mg/l	0.0002 U	mg/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l		
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	29000	ug/l	30000	ug/l	23	mg/l	25	mg/l	62000	ug/l	70000	ug/l	59000	ug/l	63	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF144			SF144			SF144			SF144			SF144			SF145			SF145			SF145		
Location Cross Ref.	GR-3			GR-3			GR-3			GR-3			GR-3			GR-31			GR-31			GR-31		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172329			172381			172392			172406			172238			172456			172634			172481		
Sample Date	10/12/1997			11/01/1997			12/01/1997			*			02/17/1998			10/25/1996			02/12/1997			04/24/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			DIN-CLP-LOW			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l										0.05	U	mg/l	40	U	ug/l	45	U	ug/l	45	U	ug/l
Arsenic	0.023		mg/l	0.081		mg/l	0.061		mg/l	0.041		mg/l	0.039		mg/l	0.14		ug/l	1.5	U	ug/l	4.5	U	ug/l
Barium																								
Beryllium																								
Cadmium	0.072		mg/l	0.097		mg/l	0.09		mg/l	0.14		mg/l	0.18		mg/l	23		ug/l	13		ug/l	8.1		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l										0.014		mg/l									
Cyanide																								
Iron																								
Lead	0.006		mg/l	0.004		mg/l	0.004		mg/l	0.006		mg/l	0.005		mg/l	0.1	U	ug/l	1.5	U	ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l										0.0002	U	mg/l	0.2	U	ug/l	0.39		ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	72		mg/l	73		mg/l	66		mg/l	110		mg/l	110		mg/l	1900		ug/l	1300		ug/l	910		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF145			SF145			SF146			SF146			SF146			SF146			SF146			SF146		
Location Cross Ref.	GR-31			GR-31			GR-32D			GR-32D			GR-32D			GR-32D			GR-32D			GR-32D		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172337			172247			172427			172635			172480			172288			172316			172380		
Sample Date	10/12/1997			02/17/1998			10/19/1996			02/08/1997			04/24/1997			09/01/1997			10/12/1997			11/01/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			DIN-CLP-LOW			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l	45	U	ug/l	45	U	ug/l				0.05	U	mg/l			
Arsenic	0.005	U	mg/l	0.005	U	mg/l	0.1	U	ug/l	1.5	U	ug/l	4.5	U	ug/l	0.001	U	mg/l	0.005	U	mg/l	0.005	U	mg/l
Barium																								
Beryllium																								
Cadmium	0.024	J	mg/l	0.019		mg/l	3	U	ug/l	3	U	ug/l	3	U	ug/l	0.002	U	mg/l	0.005	U	mg/l	0.004	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l	0.012	U	mg/l													0.012	U	mg/l			
Cyanide																								
Iron																								
Lead	0.003	U	mg/l	0.003	U	mg/l	0.1		ug/l	1.5	U	ug/l	1.5	U	ug/l	0.001	U	mg/l	0.003	U	mg/l	0.003	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l				0.0002	U	mg/l			
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.5		mg/l	1.2		mg/l	240		ug/l	270		ug/l	260		ug/l	0.25		mg/l	0.25		mg/l	0.22		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF146		SF146		SF146		SF148		SF148		SF148		SF148		SF148	
Location Cross Ref.	GR-32D		GR-32D		GR-32D		GR-33		GR-33		GR-33		GR-33		GR-33	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172391		172405		172226		172429		172430		172637		172514		172285	
Sample Date	12/01/1997		*		02/17/1998		10/20/1996		10/20/1996		02/06/1997		04/24/1997		09/01/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		DIN-CLP-LOW		D6010		D6010		D6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony					0.05 U	mg/l	40 U	ug/l	40 U	ug/l	45 U	ug/l	45 U	ug/l		
Arsenic	0.005 U	mg/l	0.005 U	mg/l	0.005 U	mg/l	14	ug/l	13	ug/l	5.4	ug/l	4.5 U	ug/l	0.006	mg/l
Barium																
Beryllium																
Cadmium	0.004 U	mg/l	0.004 U	mg/l	0.004 U	mg/l	480	ug/l	470	ug/l	610	ug/l	820	ug/l	1.5	mg/l
Calcium																
Chromium																
Cobalt																
Copper					0.012 U	mg/l										
Cyanide																
Iron																
Lead	0.003 U	mg/l	0.003 U	mg/l	0.003 U	mg/l	14	ug/l	14	ug/l	46	ug/l	50	ug/l	0.005	mg/l
Lithium																
Magnesium																
Manganese																
Mercury					0.0002 U	mg/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l		
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	0.24	mg/l	0.32	mg/l	0.23	mg/l	15000	ug/l	15000	ug/l	17000	ug/l	21000	ug/l	38	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF148			SF148			SF148			SF148			SF148			SF148			SF150			SF150		
Location Cross Ref.	GR-33			GR-33			GR-33			GR-33			GR-33			GR-33			GR-36			GR-36		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172308			172376			172387			172400			172401			172218			172424			172639		
Sample Date	10/12/1997			11/01/1997			12/01/1997			*			*			02/17/1998			10/19/1996			02/08/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			DIN-CLP-LOW			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l													0.05	U	mg/l	40	U	ug/l	45	U	ug/l
Arsenic	0.005		mg/l	0.005	U	mg/l	0.005	U	mg/l	0.008		mg/l	0.01		mg/l	0.006		mg/l	0.79		ug/l	1.5	U	ug/l
Barium																								
Beryllium																								
Cadmium	1.5		mg/l	1.8		mg/l	1.4		mg/l	1.5		mg/l				1.4		mg/l	2000		ug/l	2400		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l													0.012	U	mg/l	20		ug/l			
Cyanide																								
Iron																								
Lead	0.005		mg/l	0.003		mg/l	0.004		mg/l	0.005		mg/l	0.005		mg/l	0.003		mg/l	0.1		ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l													0.0002	UJ	mg/l	0.23		ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	39		mg/l	41		mg/l	39		mg/l	44		mg/l				36		mg/l	53000		ug/l	68000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF150			SF150			SF150			SF151			SF151			SF151			SF151			SF151		
Location Cross Ref.	GR-36			GR-36			GR-36			GR-37			GR-37			GR-37			GR-37			GR-37		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172528			172313			172221			172423			172423			172640			172517			172312		
Sample Date	04/24/1997			10/12/1997			02/17/1998			10/19/1996			10/19/1996			02/08/1997			04/24/1997			10/12/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			DIN-CLP-LOW			6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	41	U	ug/l	40	U	ug/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l
Arsenic	4.5	U	ug/l	0.005	U	mg/l	0.005	U	mg/l	0.84		ug/l	0.1	U	ug/l	1.5	U	ug/l	4.5	U	ug/l	0.005	U	mg/l
Barium																								
Beryllium																								
Cadmium	3100		ug/l	1.2		mg/l	1.6		mg/l	3.1	U	ug/l	3.3		ug/l	3	U	ug/l	3	U	ug/l	0.005	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper				0.012	U	mg/l	0.012	U	mg/l													0.012	U	mg/l
Cyanide																								
Iron																								
Lead	1.5	U	ug/l	0.003	U	mg/l	0.003	U	mg/l	3.9		ug/l	0.1	U	ug/l	1.5	U	ug/l	1.5	U	ug/l	0.003	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.2	U	ug/l	0.0008		mg/l	0.0002	UJ	mg/l	0.23		ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.0003		mg/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	86000		ug/l	32		mg/l	44		mg/l	230		ug/l	280		ug/l	300		ug/l	310		ug/l	0.26		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF151			SF153			SF153			SF153			SF153			SF153			SF154			SF154		
Location Cross Ref.	GR-37			GR-39			GR-39			GR-39			GR-39			GR-39			GR-4			GR-4		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172220			172421			172641			172572			172298			172208			172446			172642		
Sample Date	02/17/1998			10/18/1996			02/08/1997			04/24/1997			10/12/1997			02/17/1998			10/23/1996			02/11/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			D6010			D6010			D6010			D6010			DIN-CLP-LOW			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l	40	U	ug/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l	45	U	ug/l
Arsenic	0.005	U	mg/l	0.71		ug/l	1.5	U	ug/l	4.5	U	ug/l	0.005	U	mg/l	0.049		mg/l	0.29		ug/l	4.5	U	ug/l
Barium																								
Beryllium																								
Cadmium	0.004	U	mg/l	2600		ug/l	1500		ug/l	1300		ug/l	2.3		mg/l	1.2		mg/l	60		ug/l	39		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l	15		ug/l	9.8		ug/l				0.012	U	mg/l	0.012	U	mg/l						
Cyanide																								
Iron																								
Lead	0.003	U	mg/l	1.1		ug/l	1.5	U	ug/l	1.5	U	ug/l	0.003	U	mg/l	0.003	U	mg/l	0.54		ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	UJ	mg/l	0.87		ug/l	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.24		ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.25		mg/l	34000		ug/l	22000		ug/l	21000		ug/l	41		mg/l	20		mg/l	21000		ug/l	16000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF154		SF154		SF154		SF155		SF155		SF155		SF155		SF155	
Location Cross Ref.	GR-4		GR-4		GR-4		GR-40		GR-40		GR-40		GR-40		GR-40	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172518		172317		172231		172420		172643		172519		172297		172206	
Sample Date	04/24/1997		10/12/1997		02/17/1998		10/18/1996		02/08/1997		04/24/1997		10/12/1997		02/17/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		DIN-CLP-LOW		D6010		D6010		D6010		D6010		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony	45 U	ug/l	0.05 U	mg/l	0.05 U	mg/l	44	ug/l	45 U	ug/l	45 U	ug/l	0.05 U	mg/l	0.05 U	mg/l
Arsenic	4.5 U	ug/l	0.005 U	mg/l	0.005 U	mg/l	0.23	ug/l	1.5 U	ug/l	4.5 U	ug/l	0.005 U	mg/l	0.005 U	mg/l
Barium																
Beryllium																
Cadmium	20	ug/l	0.016	mg/l	0.039	mg/l	11	ug/l	14	ug/l	11	ug/l	0.014	mg/l	0.021	mg/l
Calcium																
Chromium																
Cobalt																
Copper			0.012 U	mg/l	0.012 U	mg/l							0.012 U	mg/l	0.012 U	mg/l
Cyanide																
Iron																
Lead	1.5 U	ug/l	0.003 U	mg/l	0.003 U	mg/l	0.3	ug/l	1.5 U	ug/l	1.5 U	ug/l	0.003 U	mg/l	0.003 U	mg/l
Lithium																
Magnesium																
Manganese																
Mercury	0.2 U	ug/l	0.0002 U	mg/l	0.0002 U	mg/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.0002 U	mg/l	0.0002 U	mg/l
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	8300	ug/l	7.4	mg/l	18	mg/l	740	ug/l	980	ug/l	780	ug/l	0.92	mg/l	1.8	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF156		SF156		SF156		SF156		SF157		SF157		SF157		SF157	
Location Cross Ref.	GR-41		GR-41		GR-41		GR-41		GR-44US		GR-44US		GR-44US		GR-44US	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172644		172520		172296		172207		172412		172413		172645		172521	
Sample Date	02/08/1997		04/24/1997		10/12/1997		02/17/1998		10/17/1996		10/17/1996		02/07/1997		04/24/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		D6010		DIN-CLP-LOW		D6010		D6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony	45 U	ug/l	45 U	ug/l	0.05 U	mg/l	0.05 U	mg/l	40 U	ug/l	40 U	ug/l	45 U	ug/l	45 U	ug/l
Arsenic	1.5 U	ug/l	4.5 U	ug/l	0.005 U	mg/l	0.005 U	mg/l	0.1 U	ug/l	0.1 U	ug/l	1.5 U	ug/l	4.5 U	ug/l
Barium																
Beryllium																
Cadmium	280	ug/l	280	ug/l	0.22	mg/l	0.23	mg/l	13	ug/l	13	ug/l	27	ug/l	21	ug/l
Calcium																
Chromium																
Cobalt																
Copper					0.012 U	mg/l	0.012 U	mg/l								
Cyanide																
Iron																
Lead	1.5 U	ug/l	1.5 U	ug/l	0.003 U	mg/l	0.003 U	mg/l	0.27	ug/l	0.23	ug/l	1.5 U	ug/l	1.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.0002 U	mg/l	0.0002 U	mg/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver	4 U	ug/l														
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	19000	ug/l	19000	ug/l	15	mg/l	15	mg/l	2600	ug/l	2600	ug/l	5500	ug/l	4300	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF157			SF157			SF159			SF159			SF159			SF159			SF159			SF160		
Location Cross Ref.	GR-44US			GR-44US			GR-45			GR-45			GR-45			GR-45			GR-45			GR-46		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172290			172200			172433			172647			172575			172307			172217			172474		
Sample Date	10/12/1997			02/17/1998			10/20/1996			02/09/1997			04/24/1997			10/12/1997			02/17/1998			10/28/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			DIN-CLP-LOW			D6010			D6010			D6010			D6010			DIN-CLP-LOW			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l	0.05	U	mg/l	42		ug/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l
Arsenic	0.005	U	mg/l	0.005	U	mg/l	100		ug/l	110		ug/l	120		ug/l	0.12		mg/l	0.1		mg/l	0.21		ug/l
Barium																								
Beryllium																								
Cadmium	0.014		mg/l	0.021		mg/l	3	U	ug/l	3	U	ug/l	3	U	ug/l	0.005	U	mg/l	0.004	U	mg/l	40		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l	0.012	U	mg/l										0.012	U	mg/l	0.012	U	mg/l			
Cyanide																								
Iron																								
Lead	0.003	U	mg/l	0.003	U	mg/l	2.8		ug/l	7.2		ug/l	6.8		ug/l	0.003	U	mg/l	0.003	U	mg/l	0.24		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	UJ	mg/l	0.2	U	ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2.6		mg/l	4.5		mg/l	24000		ug/l	29000		ug/l	45000		ug/l	37		mg/l	25		mg/l	7400		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF160			SF160			SF160			SF160			SF161			SF161			SF161			SF161		
Location Cross Ref.	GR-46			GR-46			GR-46			GR-46			GR-47			GR-47			GR-47			GR-47		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172648			172530			172334			172243			172425			172649			172531			172314		
Sample Date	02/12/1997			04/24/1997			10/12/1997			02/17/1998			10/19/1996			02/08/1997			04/24/1997			10/12/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			DIN-CLP-LOW			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	45	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l
Arsenic	3	U	ug/l	4.5	U	ug/l	0.005	U	mg/l	0.005	U	mg/l	0.4		ug/l	1.5	U	ug/l	4.5	U	ug/l	0.005	U	mg/l
Barium																								
Beryllium																								
Cadmium	43		ug/l	52		ug/l	0.038		mg/l	0.045		mg/l	750		ug/l	2700		ug/l	1800		ug/l	0.94		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper							0.012	U	mg/l	0.012	U	mg/l										0.18		mg/l
Cyanide																								
Iron																								
Lead	1	U	ug/l	1.5	U	ug/l	0.003	U	mg/l	0.003	U	mg/l	330		ug/l	690		ug/l	580		ug/l	0.63		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	12000		ug/l	15000		ug/l	9.7		mg/l	15		mg/l	26000		ug/l	83000		ug/l	54000		ug/l	32		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF161			SF162			SF162			SF162			SF162			SF162			SF163			SF163		
Location Cross Ref.	GR-47			GR-48			GR-48			GR-48			GR-48			GR-48			GR-50			GR-50		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172222			172445			172650			172497			172311			172223			172419			172651		
Sample Date	02/17/1998			10/23/1996			02/08/1997			04/24/1997			10/12/1997			02/17/1998			10/18/1996			02/07/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			D6010			D6010			D6010			D6010			DIN-CLP-LOW			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l	40	U	ug/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l	45	U	ug/l
Arsenic	0.005	U	mg/l	12		ug/l	6.4		ug/l	7.7		ug/l	0.008		mg/l	0.018		mg/l	0.56		ug/l	1.5	U	ug/l
Barium																								
Beryllium																								
Cadmium	1.4		mg/l	1100		ug/l	1100		ug/l	900		ug/l	0.8		mg/l	0.89		mg/l	190		ug/l	240		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.19		mg/l	250		ug/l							0.22		mg/l	0.18		mg/l						
Cyanide																								
Iron																								
Lead	1		mg/l	0.78		ug/l	1.5	U	ug/l	1.5	U	ug/l	0.003	U	mg/l	0.003	U	mg/l	29		ug/l	36		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	UJ	mg/l	0.24		ug/l	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	52		mg/l	49000		ug/l	50000		ug/l	44000		ug/l	43		mg/l	43		mg/l	29000		ug/l	40000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF163			SF163			SF163			SF163			SF164			SF164			SF164			SF164		
Location Cross Ref.	GR-50			GR-50			GR-50			GR-50			GR-52L			GR-52L			GR-52L			GR-52L		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172652			172526			172301			172211			172416			172653			172524			172294		
Sample Date	02/09/1997			04/24/1997			10/12/1997			02/17/1998			10/17/1996			02/08/1997			04/24/1997			10/12/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			DIN-CLP-LOW			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	45	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l
Arsenic	55		ug/l	4.5	U	ug/l	0.005	U	mg/l	0.005	U	mg/l	0.24		ug/l	1.5	U	ug/l	4.5	U	ug/l	0.005	U	mg/l
Barium																								
Beryllium																								
Cadmium	77		ug/l	140		ug/l	0.19		mg/l	0.19		mg/l	51		ug/l	50		ug/l	49		ug/l	0.049		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper							0.012	U	mg/l	0.012	U	mg/l										0.012	U	mg/l
Cyanide																								
Iron																								
Lead	130		ug/l	16		ug/l	0.039		mg/l	0.013		mg/l	0.28		ug/l	1.5	U	ug/l	1.5	U	ug/l	0.003	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	44000		ug/l	25000		ug/l	25		mg/l	37		mg/l	14000		ug/l	14000		ug/l	14000		ug/l	13		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF164			SF166			SF166			SF166			SF166			SF166			SF167			SF167		
Location Cross Ref.	GR-52L			GR-53L			GR-53L			GR-53L			GR-53L			GR-53L			GR-55			GR-55		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172204			172418			172655			172523			172293			172203			172408			172656		
Sample Date	02/17/1998			10/17/1996			02/08/1997			04/24/1997			10/12/1997			02/17/1998			10/16/1996			02/07/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			D6010			D6010			D6010			D6010			DIN-CLP-LOW			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l	40	U	ug/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l	45	U	ug/l
Arsenic	0.005	U	mg/l	0.21		ug/l	1.5	U	ug/l	4.5	U	ug/l	0.005	U	mg/l	0.005	U	mg/l	0.16		ug/l	1.5	U	ug/l
Barium																								
Beryllium																								
Cadmium	0.049		mg/l	41		ug/l	41		ug/l	41		ug/l	0.036		mg/l	0.034		mg/l	15		ug/l	25		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l										0.012	U	mg/l	0.012	U	mg/l						
Cyanide																								
Iron																								
Lead	0.003	U	mg/l	0.24		ug/l	1.5	U	ug/l	1.5	U	ug/l	0.003	U	mg/l	0.003	U	mg/l	3.3		ug/l	4.1		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	13		mg/l	13000		ug/l	13000		ug/l	12000		ug/l	12		mg/l	11		mg/l	2300		ug/l	3900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF167		SF167		SF167		SF168		SF168		SF168		SF168		SF168	
Location Cross Ref.	GR-55		GR-55		GR-55		GR-56D		GR-56D		GR-56D		GR-56D		GR-56D	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172574		172292		172202		172410		172657		172573		172336		172245	
Sample Date	04/24/1997		10/12/1997		02/17/1998		10/16/1996		02/07/1997		04/24/1997		10/12/1997		02/17/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		DIN-CLP-LOW		D6010		D6010		D6010		D6010		DIN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony	45 U	ug/l	0.05 U	mg/l	0.05 U	mg/l	40 U	ug/l	45 U	ug/l	45 U	ug/l	0.05 U	mg/l	0.05 U	mg/l
Arsenic	4.5 U	ug/l	0.005 U	mg/l	0.005 U	mg/l	0.58	ug/l	1.5 U	ug/l	4.5 U	ug/l	0.005 U	mg/l	0.005 U	mg/l
Barium																
Beryllium																
Cadmium	29	ug/l	0.013	mg/l	0.016	mg/l	17	ug/l	21	ug/l	30	ug/l	0.015 J	mg/l	0.015	mg/l
Calcium																
Chromium																
Cobalt																
Copper			0.012 U	mg/l	0.012 U	mg/l							0.012 U	mg/l	0.012 U	mg/l
Cyanide																
Iron																
Lead	4.3	ug/l	0.003 U	mg/l	0.003 U	mg/l	1.6	ug/l	1.5 U	ug/l	1.6	ug/l	0.003 U	mg/l	0.004	mg/l
Lithium																
Magnesium																
Manganese																
Mercury	0.2 U	ug/l	0.0002 U	mg/l	0.0002 U	mg/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.0002 U	mg/l	0.0002 U	mg/l
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	4700	ug/l	2	mg/l	2.1	mg/l	3200	ug/l	4600	ug/l	6400	ug/l	2.3	mg/l	2.1	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF170		SF170		SF170		SF170		SF170		SF171		SF171		SF171	
Location Cross Ref.	GR-57		GR-57		GR-57		GR-57		GR-57		GR-58D		GR-58D		GR-58D	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172475		172659		172576		172333		172242		172477		172602		172660	
Sample Date	10/28/1996		02/12/1997		04/24/1997		10/12/1997		02/17/1998		10/29/1996		02/12/1997		02/12/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample	
Analytical Method	D6010		D6010		D6010		D6010		DIN-CLP-LOW		D6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony	40 U	ug/l	45 U	ug/l	45 U	ug/l	0.05 U	mg/l	0.05 U	mg/l	40 U	ug/l	45 U	ug/l	45 U	ug/l
Arsenic	2.9	ug/l	3.3	ug/l	4.5 U	ug/l	0.005 U	mg/l	0.005 U	mg/l	85	ug/l	68	ug/l	71	ug/l
Barium																
Beryllium																
Cadmium	25	ug/l	23	ug/l	26	ug/l	0.039	mg/l	0.03	mg/l	3.8	ug/l	10	ug/l	5.6	ug/l
Calcium																
Chromium																
Cobalt																
Copper							0.012 U	mg/l	0.012 U	mg/l						
Cyanide																
Iron																
Lead	0.23	ug/l	1 U	ug/l	1.5 U	ug/l	0.003 U	mg/l	0.003 U	mg/l	0.23	ug/l	1 U	ug/l	1 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.0002 U	mg/l	0.0002 U	mg/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	8900	ug/l	11000	ug/l	11000	ug/l	8.7	mg/l	8.3	mg/l	23000	ug/l	32000	ug/l	33000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF171		SF171		SF171		SF171		SF173		SF173		SF173		SF173	
Location Cross Ref.	GR-58D		GR-58D		GR-58D		GR-58D		GR-59		GR-59		GR-59		GR-59	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172525		172577		172332		172241		172478		172662		172504		172330	
Sample Date	04/24/1997		04/24/1997		10/12/1997		02/17/1998		10/29/1996		02/12/1997		04/24/1997		10/12/1997	
Sample Type	Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		D6010		DIN-CLP-LOW		D6010		D6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony	45 U	ug/l	45 U	ug/l	0.05 U	mg/l	0.05 U	mg/l	40 U	ug/l	45 U	ug/l	45 U	ug/l	0.05 U	mg/l
Arsenic	100	ug/l	99	ug/l	0.055	mg/l	0.072	mg/l	62	ug/l	44	ug/l	56	ug/l	0.04	mg/l
Barium																
Beryllium																
Cadmium	8.7	ug/l	8.5	ug/l	0.008	mg/l	0.011	mg/l	6.3	ug/l	5.1	ug/l	4.2	ug/l	0.009	mg/l
Calcium																
Chromium																
Cobalt																
Copper					0.012 U	mg/l	0.012 U	mg/l							0.012 U	mg/l
Cyanide																
Iron																
Lead	1.5 U	ug/l	1.5 U	ug/l	0.003 U	mg/l	0.003 U	mg/l	0.33	ug/l	1 U	ug/l	1.5 U	ug/l	0.003 U	mg/l
Lithium																
Magnesium																
Manganese																
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.0002 U	mg/l	0.0002 U	mg/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.0002 U	mg/l
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	46000	ug/l	45000	ug/l	29	mg/l	26	mg/l	46000	ug/l	45000	ug/l	44000	ug/l	41	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF173		SF174		SF174		SF174		SF174		SF174		SF175		SF175	
Location Cross Ref.	GR-59		GR-5		GR-5		GR-5		GR-5		GR-5		GR-60		GR-60	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172239		172435		172436		172488		172305		172215		172442		172663	
Sample Date	02/17/1998		10/20/1996		10/20/1996		04/24/1997		10/12/1997		02/17/1998		10/22/1996		02/07/1997	
Sample Type	Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		D6010		D6010		D6010		D6010		DIN-CLP-LOW		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony	0.16	mg/l	40 U	ug/l	40 U	ug/l	45 U	ug/l	0.05 U	mg/l	0.05 U	mg/l	40 U	ug/l	45 U	ug/l
Arsenic	0.046	mg/l	63	ug/l	61	ug/l	54	ug/l	0.064	mg/l	0.082	mg/l	0.92	ug/l	4.5 U	ug/l
Barium																
Beryllium																
Cadmium	0.013	mg/l	53	ug/l	56	ug/l	140	ug/l	0.071	mg/l	0.051	mg/l	970	ug/l	400	ug/l
Calcium																
Chromium																
Cobalt																
Copper	0.012 U	mg/l							0.012 U	mg/l	0.012 U	mg/l				
Cyanide																
Iron																
Lead	0.003 U	mg/l	120	ug/l	120	ug/l	170	ug/l	0.11	mg/l	0.11	mg/l	0.92	ug/l	1.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury	0.0002 U	mg/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.0002 U	mg/l	0.0002 U	mg/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	98	mg/l	41000	ug/l	41000	ug/l	64000	ug/l	44	mg/l	31	mg/l	74000	ug/l	36000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF175		SF175		SF175		SF175		SF175		SF175		SF175		SF176	
Location Cross Ref.	GR-60		GR-60		GR-60		GR-60		GR-60		GR-60		GR-60		GR-6G	
Location Type	Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well		Monitoring Well	
(Ref) Source/Lab	(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172664		172505		172300		172378		172389		172403		172210		172437	
Sample Date	02/09/1997		04/24/1997		10/12/1997		11/01/1997		12/01/1997		*		02/17/1998		10/21/1996	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		D6010		D6010		D6010		D6010		DIN-CLP-LOW		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony	45 U	ug/l	45 U	ug/l	0.05 U	mg/l							0.05 U	mg/l	40 U	ug/l
Arsenic	58	ug/l	4.5 U	ug/l	0.005 U	mg/l	0.005 U	mg/l	0.005 U	mg/l	0.005 U	mg/l	0.005 U	mg/l	28	ug/l
Barium																
Beryllium																
Cadmium	4.7	ug/l	460	ug/l	0.76	mg/l	0.87	mg/l	0.78	mg/l	0.65	mg/l	0.73	mg/l	1900	ug/l
Calcium																
Chromium																
Cobalt																
Copper					0.012 U	mg/l							0.012 U	mg/l		
Cyanide																
Iron																
Lead	53	ug/l	1.5 U	ug/l	0.003 U	mg/l	0.003 U	mg/l	0.003 U	mg/l	0.003 U	mg/l	0.003 U	mg/l	710	ug/l
Lithium																
Magnesium																
Manganese																
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.0002 U	mg/l							0.0002 U	mg/l	0.2 U	ug/l
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	48000	ug/l	43000	ug/l	76	mg/l	83	mg/l	78	mg/l	75	mg/l	62	mg/l	37000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF176			SF176			SF176			SF176			SF179			SF179			SF179			SF179		
Location Cross Ref.	GR-6G			GR-6G			GR-6G			GR-6G			GR-8			GR-8			GR-8			GR-8		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172665			172506			172302			172212			172431			172667			172503			172286		
Sample Date	02/10/1997			04/24/1997			10/12/1997			02/17/1998			10/20/1996			02/07/1997			04/24/1997			09/01/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			DIN-CLP-LOW			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	45	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l	45	U	ug/l	45	U	ug/l			
Arsenic	24		ug/l	23	J	ug/l	0.03		mg/l	0.041		mg/l	94		ug/l	24		ug/l	23		ug/l	0.1		mg/l
Barium																								
Beryllium																								
Cadmium	2400		ug/l	2600		ug/l	1.7		mg/l	0.61		mg/l	540		ug/l	620		ug/l	620		ug/l	0.55		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper	58		ug/l				0.07		mg/l	0.06		mg/l												
Cyanide																								
Iron																								
Lead	1200		ug/l	1300		ug/l	1.7		mg/l	1.7		mg/l	42		ug/l	64		ug/l	59		ug/l	0.043		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l			
Molybdenum																								
Nickel																								
Potassium																								
Selenium	73		ug/l																					
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	29000		ug/l	31000		ug/l	42		mg/l	39		mg/l	21000		ug/l	31000		ug/l	30000		ug/l	23		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF179			SF179			SF179			SF179			SF179			SF183			SF183			SF183		
Location Cross Ref.	GR-8			GR-8			GR-8			GR-8			GR-8			MC-2			MC-2			MC-2		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172299			172377			172388			172402			172209			172681			172681			172532		
Sample Date	10/12/1997			11/01/1997			12/01/1997			*			02/17/1998			02/04/1997			02/04/1997			04/24/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			DIN-CLP-LOW			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l										0.05	U	mg/l	45	U	ug/l	45	U	ug/l	45	U	ug/l
Arsenic	0.12		mg/l	0.12		mg/l	0.08		mg/l	0.1		mg/l	0.005	U	mg/l	4.5	U	ug/l	1.5	U	ug/l	4.5		ug/l
Barium																								
Beryllium																								
Cadmium	0.64		mg/l	0.51		mg/l	0.52		mg/l	0.54		mg/l	0.5		mg/l	9.6		ug/l	11		ug/l	25		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l										0.012	U	mg/l	7.7		ug/l	3.1	J	ug/l	15		ug/l
Cyanide																								
Iron																								
Lead	0.045		mg/l	0.03		mg/l	0.03		mg/l	0.036		mg/l	0.03		mg/l	720		ug/l	530		ug/l	570		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l										0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	25		mg/l	19		mg/l	21		mg/l	24		mg/l	20		mg/l	2500		ug/l	2500		ug/l	7900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF183		SF183		SF183		SF183		SF183		SF184		SF184		SF184	
Location Cross Ref.	MC-2		MC-2		MC-2		MC-2		MC-2		MC-2A		MC-2A		MC-2A	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE		(6) EPAREG10/EPARE	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	172532		172358		172358		172267		172267		172682		172682		172533	
Sample Date	04/24/1997		10/12/1997		10/12/1997		02/17/1998		02/17/1998		02/04/1997		02/04/1997		04/24/1997	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		6010		D6010		6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony	45 U	ug/l	0.05 U	mg/l	0.05 U	mg/l	0.05 U	mg/l	0.05 U	mg/l	45 U	ug/l	45 U	ug/l	45 U	ug/l
Arsenic	4.5 U	ug/l	0.005 U	mg/l	0.005 U	mg/l	0.005 U	mg/l	0.005 U	mg/l	4.5 U	ug/l	1.5 U	ug/l	8.1	ug/l
Barium																
Beryllium																
Cadmium	24	ug/l	0.01	mg/l	0.008	mg/l	0.01	mg/l	0.012	mg/l	11	ug/l	12	ug/l	24	ug/l
Calcium																
Chromium																
Cobalt																
Copper	13	ug/l	0.012 U	mg/l	0.012 U	mg/l	0.012 U	mg/l	0.013	mg/l	8.4	ug/l	6 J	ug/l	14	ug/l
Cyanide																
Iron																
Lead	490	ug/l	0.52	mg/l	0.96	mg/l	0.38	mg/l	0.62	mg/l	880	ug/l	780	ug/l	510	ug/l
Lithium																
Magnesium																
Manganese																
Mercury	0.2 U	ug/l	0.0002 U	mg/l	0.0002	mg/l	0.0002 U	mg/l	0.0002 U	mg/l	0.2 U	ug/l	0.24	ug/l	0.2 U	ug/l
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	7900	ug/l	1.6	mg/l	1.6	mg/l	2.4	mg/l	2.8	mg/l	2900	ug/l	3000	ug/l	8300	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF184			SF184			SF184			SF184			SF184			SF185			SF185			SF185		
Location Cross Ref.	MC-2A			MC-2A			MC-2A			MC-2A			MC-2A			MC-2B			MC-2B			MC-2B		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172533			172359			172359			172268			172268			172534			172534			172362		
Sample Date	04/24/1997			10/12/1997			10/12/1997			02/17/1998			02/17/1998			04/24/1997			04/24/1997			10/12/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			6010			D6010			6010			6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l
Arsenic	4.5	U	ug/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	4.5	U	ug/l	4.5	U	ug/l	0.005	U	mg/l
Barium																								
Beryllium																								
Cadmium	26		ug/l	0.011		mg/l	0.009		mg/l	0.004	U	mg/l	0.008		mg/l	3	U	ug/l	3	U	ug/l	0.004	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper	13		ug/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	3	U	ug/l	3	U	ug/l	0.012	U	mg/l
Cyanide																								
Iron																								
Lead	450		ug/l	0.86		mg/l	1.2		mg/l	0.48		mg/l	0.71		mg/l	3.5		ug/l	1.5	U	ug/l	0.003	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.2	U	ug/l	0.0004		mg/l	0.0002		mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	8300		ug/l	1.6		mg/l	1.7		mg/l	2.6		mg/l	2.8		mg/l	17		ug/l	18		ug/l	0.02	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF185			SF185			SF185			SF186			SF186			SF186			SF186			SF187		
Location Cross Ref.	MC-2B			MC-2B			MC-2B			MC-3			MC-3			MC-3			MC-3			MC-4		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172362			172271			172271			172360			172360			172269			172269			172361		
Sample Date	10/12/1997			02/17/1998			02/17/1998			10/12/1997			10/12/1997			02/17/1998			02/17/1998			10/12/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l
Arsenic	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l
Barium																								
Beryllium																								
Cadmium	0.004	U	mg/l	0.004	U	mg/l	0.004	U	mg/l	0.012		mg/l	0.008		mg/l	0.021		mg/l	0.028		mg/l	0.005	J	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.013		mg/l	0.012	U	mg/l
Cyanide																								
Iron																								
Lead	0.005		mg/l	0.003	U	mg/l	0.003	U	mg/l	1.7		mg/l	1.9		mg/l	1.5		mg/l	1.7		mg/l	0.033		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.02	U	mg/l	0.04		mg/l	0.04		mg/l	2.3		mg/l	2.3		mg/l	6		mg/l	6.6		mg/l	0.08		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF187			SF187			SF187			SF188			SF188			SF188			SF188			SF188		
Location Cross Ref.	MC-4			MC-4			MC-4			OM-2			OM-2			OM-2			OM-2			OM-2		
Location Type	River/Stream			River/Stream			River/Stream			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172361			172270			172270			172428			172669			172483			172327			172374		
Sample Date	10/12/1997			02/17/1998			02/17/1998			10/20/1996			02/06/1997			04/24/1997			10/12/1997			11/01/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l			
Arsenic	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.55		ug/l	4.5	U	ug/l	4.5	U	ug/l	0.005	U	mg/l	0.005	U	mg/l
Barium																								
Beryllium																								
Cadmium	0.004	U	mg/l	0.004	U	mg/l	0.004	U	mg/l	560		ug/l	1400		ug/l	950		ug/l	1		mg/l	1.2		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l										0.01		mg/l			
Cyanide																								
Iron																								
Lead	0.02		mg/l	0.18		mg/l	0.21		mg/l	0.29		ug/l	1.5	U	ug/l	1.5	U	ug/l	0.003	U	mg/l	0.003	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l			
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.08		mg/l	0.27		mg/l	0.36		mg/l	1400		ug/l	2300		ug/l	1300		ug/l	1.5		mg/l	1.7		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF188			SF188			SF188			SF189			SF189			SF189			SF189			SF189		
Location Cross Ref.	OM-2			OM-2			OM-2			OM-3			OM-3			OM-3			OM-3			OM-3		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172385			172398			172237			172443			172670			172496			172284			172328		
Sample Date	12/01/1997			*			02/17/1998			10/23/1996			02/06/1997			04/24/1997			09/01/1997			10/12/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			DIN-CLP-LOW			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony							0.05	U	mg/l	40	U	ug/l	45	U	ug/l	45	U	ug/l				0.05	U	mg/l
Arsenic	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	1.3		ug/l	4.5	U	ug/l	4.5	U	ug/l	0.002		mg/l	0.005	U	mg/l
Barium																								
Beryllium																								
Cadmium	1		mg/l	1.1		mg/l	0.96		mg/l	3400		ug/l	8500		ug/l	8600		ug/l	5.3		mg/l	5.2		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper							0.012	U	mg/l				72		ug/l							0.07		mg/l
Cyanide																								
Iron																								
Lead	0.003	U	mg/l	0.003	U	mg/l	0.003	U	mg/l	150		ug/l	430		ug/l	380		ug/l	0.29		mg/l	0.6		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury							0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l				0.0002	U	mg/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.5		mg/l	1.4		mg/l	1.3		mg/l	33000		ug/l	92000		ug/l	88000		ug/l	52		mg/l	74		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF189			SF189			SF189			SF189			SF190			SF190			SF190			SF190		
Location Cross Ref.	OM-3			OM-3			OM-3			OM-3			OM-4			OM-4			OM-4			OM-4		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172375			172386			172399			172235			172440			172671			172562			172326		
Sample Date	11/01/1997			12/01/1997			*			02/17/1998			10/22/1996			02/06/1997			04/24/1997			10/12/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			DIN-CLP-LOW			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony										0.05	U	mg/l	40	U	ug/l	45	U	ug/l	45	U	ug/l	0.05	U	mg/l
Arsenic	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.4		ug/l	4.5	U	ug/l	4.5	U	ug/l	0.005	U	mg/l
Barium																								
Beryllium																								
Cadmium	4.1		mg/l	2.7		mg/l	3		mg/l	2.8		mg/l	3	U	ug/l	3	U	ug/l	3	U	ug/l	0.005	U	mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper										0.013		mg/l										0.012	U	mg/l
Cyanide																								
Iron																								
Lead	0.59		mg/l	0.11		mg/l	0.15		mg/l	0.05		mg/l	0.21		ug/l	1.5	U	ug/l	1.5	U	ug/l	0.003	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury										0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	58		mg/l	32		mg/l	35		mg/l	34		mg/l	130		ug/l	140		ug/l	160		ug/l	0.21		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF190			SF190			SF190			SF190			SF191			SF191			SF191			SF191		
Location Cross Ref.	OM-4			OM-4			OM-4			OM-4			OPS-1			OPS-1			OPS-1			OPS-1		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172373			172384			172395			172236			172677			172677			172683			172683		
Sample Date	11/01/1997			12/01/1997			*			02/17/1998			02/05/1997			02/05/1997			02/05/1997			02/05/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			DIN-CLP-LOW			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony										0.05	U	mg/l	45	U	ug/l	45	U	ug/l	45	U	ug/l	45	U	ug/l
Arsenic	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	4.5	U	ug/l	1.5	U	ug/l	4.5	U	ug/l	1.5	U	ug/l
Barium																								
Beryllium																								
Cadmium	0.004	U	mg/l	0.004	U	mg/l	0.007		mg/l	0.009		mg/l	6.6		ug/l	5.8		ug/l	6		ug/l	6.7		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper										0.012	U	mg/l	3.2		ug/l	3	U	ug/l	3.9		ug/l	3	U	ug/l
Cyanide																								
Iron																								
Lead	0.003	U	mg/l	0.003	U	mg/l	0.003	U	mg/l	0.003	U	mg/l	14		ug/l	1.9		ug/l	15		ug/l	1.5		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury										0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.23		mg/l	0.19		mg/l	0.21		mg/l	0.24		mg/l	1800		ug/l	1800		ug/l	1800		ug/l	1800		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF191			SF191			SF191			SF191			SF191			SF191			SF192			SF192		
Location Cross Ref.	OPS-1			OPS-1			OPS-1			OPS-1			OPS-1			OPS-1			P-101			P-101		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172537			172537			172366			172366			172274			172274			172466			172672		
Sample Date	04/24/1997			04/24/1997			10/12/1997			10/12/1997			02/17/1998			02/17/1998			10/25/1996			02/12/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			D6010			6010			D6010			6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	45	U	ug/l	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l	45	U	ug/l
Arsenic	4.5	U	ug/l	4.5	U	ug/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.23		ug/l	4.5	U	ug/l
Barium																								
Beryllium																								
Cadmium	4.9		ug/l	4.8		ug/l	0.004	U	mg/l	0.007		mg/l	0.004	U	mg/l	0.014		mg/l	8.4		ug/l	5.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	3	U	ug/l	3	U	ug/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l						
Cyanide																								
Iron																								
Lead	12		ug/l	1.5	U	ug/l	0.007		mg/l	0.08		mg/l	0.012		mg/l	0.04		mg/l	3.2		ug/l	1.5	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.29		ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1400		ug/l	1400		ug/l	0.36		mg/l	0.38		mg/l	1.3		mg/l	1.5		mg/l	1200		ug/l	1200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF192			SF192			SF192			SF193			SF193			SF194			SF194			SF194		
Location Cross Ref.	P-101			P-101			P-101			P-102			P-102			P-103			P-103			P-103		
Location Type	Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172571			172339			172248			172465			172673			172464			172674			172516		
Sample Date	04/24/1997			10/12/1997			02/17/1998			10/25/1996			02/12/1997			10/25/1996			02/12/1997			04/24/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			DIN-CLP-LOW			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	45	U	ug/l	0.05	U	mg/l	0.05	U	mg/l	40	U	ug/l	45	U	ug/l	40	U	ug/l	45	U	ug/l	45	U	ug/l
Arsenic	4.5	U	ug/l	0.005	U	mg/l	0.005	U	mg/l	0.14		ug/l	4.5	U	ug/l	0.4		ug/l	4.5	U	ug/l	4.5	U	ug/l
Barium																								
Beryllium																								
Cadmium	5.8		ug/l	0.009	J	mg/l	0.004	U	mg/l	25		ug/l	35		ug/l	16		ug/l	77		ug/l	88		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper				0.012	U	mg/l	0.012	U	mg/l															
Cyanide																								
Iron																								
Lead	1.5	U	ug/l	0.003	U	mg/l	0.003	U	mg/l	0.54		ug/l	1.5	U	ug/l	27		ug/l	8.9		ug/l	17		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.2	U	ug/l	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.24		ug/l	0.2	U	ug/l	0.3		ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	610		ug/l	0.97		mg/l	0.79		mg/l	3800		ug/l	5400		ug/l	33000		ug/l	79000		ug/l	9600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF194			SF194			SF195			SF195			SF195			SF195			SF196			SF196		
Location Cross Ref.	P-103			P-103			SF-2			SF-2			SF-2			SF-2			SF-8			SF-8		
Location Type	Monitoring Well			Monitoring Well			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Groundwater			Groundwater			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172340			172249			172357			172357			172266			172266			172355			172355		
Sample Date	10/12/1997			02/17/1998			10/12/1997			10/12/1997			02/17/1998			02/17/1998			10/12/1997			10/12/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			DIN-CLP-LOW			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l	0.05	U	mg/l
Arsenic	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l
Barium																								
Beryllium																								
Cadmium	0.085	J	mg/l	0.12		mg/l	0.009		mg/l	0.007		mg/l	0.004	U	mg/l	0.004	U	mg/l	0.012		mg/l	0.009		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l	0.012	U	mg/l
Cyanide																								
Iron																								
Lead	0.01		mg/l	0.018		mg/l	0.01		mg/l	0.02		mg/l	0.006		mg/l	0.017		mg/l	0.003	U	mg/l	0.04		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l	0.0002	U	mg/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	35		mg/l	130		mg/l	1.2		mg/l	1.2		mg/l	0.94		mg/l	0.96		mg/l	1.7		mg/l	2.1		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF196			SF196			SF197			SF197			SF197			SF197			SF197			SF197		
Location Cross Ref.	SF-8			SF-8			WC-1			WC-1			WC-1			WC-1			WC-1			WC-1		
Location Type	River/Stream			River/Stream			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well			Monitoring Well		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(6) EPAREG10/EPARE		
Matrix Type	Surface Water			Surface Water			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater			Groundwater		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172264			172264			172675			172494			172283			172325			172372			172383		
Sample Date	02/17/1998			02/17/1998			02/06/1997			04/24/1997			09/01/1997			10/12/1997			11/01/1997			12/01/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony	0.05	U	mg/l	0.07		mg/l	45	U	ug/l	45	U	ug/l				0.05	U	mg/l						
Arsenic	0.005	U	mg/l	0.005	U	mg/l	1.5	U	ug/l	4.5	U	ug/l	0.001	U	mg/l	0.005	U	mg/l	0.005	U	mg/l	0.005	U	mg/l
Barium																								
Beryllium																								
Cadmium	0.016		mg/l	0.008		mg/l	170		ug/l	130		ug/l	0.37		mg/l	0.4		mg/l	0.46		mg/l	0.41		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper	0.012	U	mg/l	0.012	U	mg/l										0.012	U	mg/l						
Cyanide																								
Iron																								
Lead	0.005		mg/l	0.022		mg/l	1.5	U	ug/l	1.5	U	ug/l	0.001	U	mg/l	0.003	U	mg/l	0.003	U	mg/l	0.003	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury	0.0002	U	mg/l	0.0002	U	mg/l	0.2	U	ug/l	0.2	U	ug/l				0.0002	U	mg/l						
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.5		mg/l	1.6		mg/l	1900		ug/l	1400		ug/l	3.6		mg/l	3.7		mg/l	4		mg/l	3.7		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF197			SF197			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	WC-1			WC-1			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	Monitoring Well			Monitoring Well			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(6) EPAREG10/EPARE			(6) EPAREG10/EPARE			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Groundwater			Groundwater			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172394			172234			172005			172005			172005			172005			172005			172010		
Sample Date	*			02/17/1998			05/14/1991			05/14/1991			05/14/1991			05/14/1991			05/14/1991			05/14/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate		
Analytical Method	D6010			DIN-CLP-LOW			6010			7131			7421			D6010			D7421			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony				0.05	U	mg/l																		
Arsenic	0.005	U	mg/l	0.005	U	mg/l																		
Barium																								
Beryllium																								
Cadmium	0.28		mg/l	0.19		mg/l				0.0022		mg/l				0.0022		mg/l						
Calcium																								
Chromium																								
Cobalt																								
Copper				0.012	U	mg/l																		
Cyanide																								
Iron																								
Lead	0.003	U	mg/l	0.003	U	mg/l							0.028		mg/l				0.003	U	mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury				0.0002	U	mg/l																		
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2.7		mg/l	1.7		mg/l	0.45		mg/l							0.39		mg/l				0.74		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172010			172010			172010			172010			172006			172006			172006			172006		
Sample Date	05/14/1991			05/14/1991			05/14/1991			05/14/1991			05/15/1991			05/15/1991			05/15/1991			05/15/1991		
Sample Type	Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7131			7421			D6010			D7421			6010			7131			7421			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0047		mg/l				0.0015		mg/l							0.0024		mg/l				0.0022		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.33		mg/l				0.003		mg/l							0.014		mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							0.31		mg/l				0.46		mg/l							0.45		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172006			172007			172007			172007			172007			172007			172008			172008		
Sample Date	05/15/1991			05/15/1991			05/15/1991			05/15/1991			05/15/1991			05/15/1991			05/16/1991			05/16/1991		
Sample Type	Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	D7421			6010			7131			7421			D6010			D7421			6010			7131		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium							0.0023		mg/l				0.0022		mg/l							0.0019		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.003	U	mg/l							0.014		mg/l				0.003	U	mg/l						
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.45		mg/l							0.45		mg/l				0.44		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172008			172008			172008			172009			172009			172009			172009			172009		
Sample Date	05/16/1991			05/16/1991			05/16/1991			05/17/1991			05/17/1991			05/17/1991			05/17/1991			05/17/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7421			D6010			D7421			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0018		mg/l							0.0021		mg/l				0.0019		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.013		mg/l				0.003	UJ	mg/l							0.01		mg/l				0.003	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.43		mg/l				0.42		mg/l							0.37		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268	SF268	SF268	SF268	SF268	SF268	SF268	SF268
Location Cross Ref.	SF-2/SF-3	SF-2/SF-3	SF-2/SF-3	SF-2/SF-3	SF-2/SF-3	SF-2/SF-3	SF-2/SF-3	SF-2/SF-3
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172107	172107	172107	172107	172107	172108	172108	172108
Sample Date	10/01/1991	10/01/1991	10/01/1991	10/01/1991	10/01/1991	10/02/1991	10/02/1991	10/02/1991
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	7131	7421	D6010	D7421	6010	7131	7421
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium		0.013 mg/l		0.011 mg/l			0.014 mg/l	
Calcium								
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead			0.014 mg/l		0.005 mg/l			0.014 mg/l
Lithium								
Magnesium								
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc	1.6 mg/l			1.5 mg/l		1.7 mg/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172108			172108			172117			172117			172117			172117			172117			172109		
Sample Date	10/02/1991			10/02/1991			10/02/1991			10/02/1991			10/02/1991			10/02/1991			10/02/1991			10/03/1991		
Sample Type	Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample		
Analytical Method	D6010			D7421			6010			7131			7421			D6010			D7421			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.011		mg/l							0.014		mg/l				0.011		mg/l						
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.007		mg/l							0.014		mg/l				0.006		mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.6		mg/l				1.7		mg/l							1.7		mg/l				1.8		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268	SF268	SF268	SF268	SF268	SF268	SF268	SF268
Location Cross Ref.	SF-2/SF-3	SF-2/SF-3	SF-2/SF-3	SF-2/SF-3	SF-2/SF-3	SF-2/SF-3	SF-2/SF-3	SF-2/SF-3
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172109	172109	172109	172109	172110	172110	172110	172110
Sample Date	10/03/1991	10/03/1991	10/03/1991	10/03/1991	10/04/1991	10/04/1991	10/04/1991	10/04/1991
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	7131	7421	D6010	D7421	6010	7131	7421	D6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium	0.008 mg/l		0.014 mg/l			0.0065 mg/l		0.011 mg/l
Calcium								
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead		0.01 mg/l		0.004 mg/l			0.012 mg/l	
Lithium								
Magnesium								
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc			1.7 mg/l		1.7 mg/l			1.7 mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172110			172118			172118			172118			172118			172118			172111			172111		
Sample Date	10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/04/1991			10/05/1991			10/05/1991		
Sample Type	Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	D7421			6010			7131			7421			D6010			D7421			6010			7131		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium							0.008		mg/l				0.014		mg/l							0.0083		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.004		mg/l							0.011		mg/l				0.004		mg/l						
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				1.7		mg/l							1.8		mg/l				1.6		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172111			172111			172111			172119			172119			172119			172119			172119		
Sample Date	10/05/1991			10/05/1991			10/05/1991			10/05/1991			10/05/1991			10/05/1991			10/05/1991			10/05/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate			Field Duplicate		
Analytical Method	7421			D6010			D7421			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0089		mg/l							0.0078		mg/l				0.0086		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.012		mg/l				0.004		mg/l							0.01		mg/l				0.004		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				1.6		mg/l				1.6		mg/l							1.6		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173620			173620			173621			173621			173622			173622			173623			173623		
Sample Date	10/29/1993			10/29/1993			12/01/1993			12/01/1993			12/21/1993			12/21/1993			01/21/1994			01/21/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	7.7		ug/l	7.5		ug/l	8.6		ug/l	8.7		ug/l	11		ug/l	11		ug/l	6.7		ug/l	6.4		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	11		ug/l	6		ug/l	7		ug/l	5		ug/l	5	J	ug/l	6		ug/l	5	J	ug/l	6		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1300		ug/l	1300		ug/l	1400		ug/l	1300		ug/l	1600		ug/l	1500		ug/l	1100		ug/l	1100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173624			173624			173625			173625			173626			173626			173627			173627		
Sample Date	02/17/1994			02/17/1994			03/07/1994			03/07/1994			03/23/1994			03/23/1994			04/06/1994			04/06/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	8.6		ug/l	9		ug/l	5.3		ug/l	5.3		ug/l	6.5		ug/l	6.5		ug/l	5.1		ug/l	6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	10		ug/l	5		ug/l	16		ug/l	5		ug/l	17		ug/l	8		ug/l	23		ug/l	6		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1400		ug/l	1400		ug/l	1000		ug/l	1000		ug/l	1100		ug/l	1100		ug/l	750		ug/l	740		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173628			173628			173629			173629			173630			173630			173631			173631		
Sample Date	04/18/1994			04/18/1994			05/03/1994			05/03/1994			05/20/1994			05/20/1994			06/08/1994			06/08/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	4.8		ug/l	3.2		ug/l	4		ug/l	4.2		ug/l	4.1		ug/l	4.1		ug/l	5.2		ug/l	5.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	170		ug/l	5		ug/l	12		ug/l	7		ug/l	15		ug/l	6		ug/l	15		ug/l	8		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	680		ug/l	490		ug/l	520		ug/l	540		ug/l	540		ug/l	530		ug/l	760		ug/l	800		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268		SF268		SF268		SF268		SF268		SF268		SF268		SF268	
Location Cross Ref.	SF-2/SF-3		SF-2/SF-3		SF-2/SF-3		SF-2/SF-3		SF-2/SF-3		SF-2/SF-3		SF-2/SF-3		SF-2/SF-3	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173632		173632		173633		173633		173634		173634		173635		173635	
Sample Date	06/24/1994		06/24/1994		07/23/1994		07/23/1994		08/16/1994		08/16/1994		10/05/1994		10/05/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	6.6	ug/l	6.8	ug/l	7.8	ug/l	7.4	ug/l	10	ug/l	11	ug/l	11	ug/l	11	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	12	ug/l	6	ug/l	16	ug/l	5	ug/l	14	ug/l	7	ug/l	15	ug/l	7	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	900	ug/l	930	ug/l	950	ug/l	980	ug/l	1300	ug/l	1400	ug/l	1700	ug/l	1700	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173636			173636			173637			173637			173638			173638			173639			173639		
Sample Date	11/16/1994			11/16/1994			12/14/1994			12/14/1994			01/11/1995			01/11/1995			02/09/1995			02/09/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	13		ug/l	12		ug/l	13		ug/l	13		ug/l	6.1		ug/l	5.6		ug/l	5.8		ug/l	5.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	16		ug/l	8		ug/l	13		ug/l	6		ug/l	33		ug/l	4		ug/l	26		ug/l	6		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1700		ug/l	1800		ug/l	1700		ug/l	1800		ug/l	820		ug/l	780		ug/l	840		ug/l	840		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173640			173640			173641			173641			173642			173642			173643			173643		
Sample Date	03/08/1995			03/08/1995			03/23/1995			03/23/1995			04/14/1995			04/14/1995			04/27/1995			04/27/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	6.8		ug/l	5.8		ug/l	7		ug/l	7.2		ug/l	5.9		ug/l	6.4		ug/l	5.2		ug/l	5.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	9		ug/l	7		ug/l	22		ug/l	10		ug/l	17		ug/l	8		ug/l	13		ug/l	7		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	900		ug/l	880		ug/l	860		ug/l	820		ug/l	840		ug/l	840		ug/l	770		ug/l	780		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173644			173644			173645			173645			173646			173646			173647			173647		
Sample Date	05/11/1995			05/11/1995			05/24/1995			05/24/1995			06/13/1995			06/13/1995			06/28/1995			06/28/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	5		ug/l	4.4		ug/l	3.6		ug/l	3.6		ug/l	3.7		ug/l	3.8		ug/l	6.5		ug/l	6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	38		ug/l	6		ug/l	14		ug/l	6		ug/l	14		ug/l	10		ug/l	15		ug/l	9		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	550		ug/l	430		ug/l	480		ug/l	470		ug/l	530		ug/l	530		ug/l	690		ug/l	700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173648			173648			173649			173649			173650			173650			173651			173651		
Sample Date	07/12/1995			07/12/1995			07/26/1995			07/26/1995			08/15/1995			08/15/1995			09/14/1995			09/14/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	6.5		ug/l	6.6		ug/l	7.4		ug/l	7.6		ug/l	7.8		ug/l	7.8		ug/l	8.2		ug/l	8.6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	10		ug/l	7		ug/l	12		ug/l	9		ug/l	11		ug/l	8		ug/l	11		ug/l	7		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	820		ug/l	840		ug/l	1000		ug/l	1000		ug/l	1100		ug/l	1200		ug/l	1300		ug/l	1300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173661			173661			173662			173662			173663			173663			173652			173652		
Sample Date	10/18/1995			10/18/1995			11/22/1995			11/22/1995			12/27/1995			12/27/1995			01/18/1996			01/18/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	9.1		ug/l	8.8		ug/l	8.2		ug/l	6.6		ug/l	6.7		ug/l	6		ug/l	9.4		ug/l	9.2		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	42		ug/l	15		ug/l	45		ug/l	13		ug/l	18		ug/l	11		ug/l	65		ug/l	26		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1100		ug/l	1100		ug/l	830		ug/l	810		ug/l	900		ug/l	940		ug/l	1400		ug/l	1400		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173653			173653			173654			173654			173655			173655			173656			173656		
Sample Date	02/28/1996			02/28/1996			03/27/1996			03/27/1996			04/18/1996			04/18/1996			05/09/1996			05/09/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	5.6		ug/l	4.5		ug/l	4.8		ug/l	4.7		ug/l	3		ug/l	3		ug/l	7.8		ug/l	7.4		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	42		ug/l	11		ug/l	20		ug/l	44		ug/l	43		ug/l	11		ug/l	38		ug/l	8		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	740		ug/l	760		ug/l	720		ug/l	730		ug/l	530		ug/l	520		ug/l	1300		ug/l	1300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173657			173657			173658			173658			173659			173659			173660			173660		
Sample Date	06/19/1996			06/19/1996			07/24/1996			07/24/1996			08/21/1996			08/21/1996			09/26/1996			09/26/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	18		ug/l	6.6		ug/l	9.6		ug/l	9.4		ug/l	8.8		ug/l	8.4		ug/l	8.6		ug/l	9.1		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	28		ug/l	54		ug/l	20		ug/l	12		ug/l	22		ug/l	15		ug/l	18		ug/l	12		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	540		ug/l	760		ug/l	720		ug/l	720		ug/l	940		ug/l	950		ug/l	1100		ug/l	1100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186006			186006			186029			186029			186045			186045			186061			186061		
Sample Date	10/29/1996			10/29/1996			11/26/1996			11/26/1996			12/17/1996			12/17/1996			01/29/1997			01/29/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.01		mg/l	0.01		mg/l	0.0092		mg/l	0.0096		mg/l	0.009		mg/l	0.0084		mg/l	0.0078		mg/l	0.0072		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.019		mg/l	0.012		mg/l	0.016		mg/l	0.01		mg/l	0.017		mg/l	0.009		mg/l	0.011		mg/l	0.008		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.3		mg/l	1.3		mg/l	1.4		mg/l	1.4		mg/l	1.4		mg/l	1.4		mg/l	0.95		mg/l	0.95		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186081			186081			186101			186101			186121			186121			186141			186161		
Sample Date	02/19/1997			02/19/1997			03/27/1997			03/27/1997			04/17/1997			04/17/1997			05/16/1997			06/25/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0048		mg/l	0.0048		mg/l	0.0042		mg/l	0.0042		mg/l	0.0066		mg/l	0.0045		mg/l	6.2		ug/l	0.0032		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.044		mg/l	0.006		mg/l	0.03		mg/l	0.008		mg/l	0.031		mg/l	0.008		mg/l	1200		ug/l	0.019		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.69		mg/l	0.68		mg/l	0.67		mg/l	0.66		mg/l	0.6		mg/l	0.56		mg/l	860		ug/l	0.37		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186161			186181			186181			186201			186201			186221			186221			186242		
Sample Date	06/25/1997			07/24/1997			07/24/1997			08/13/1997			08/13/1997			09/04/1997			09/04/1997			10/17/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0052		mg/l	0.0046		mg/l	0.0045		mg/l	0.0056		mg/l	0.0057		mg/l	0.0069		mg/l	0.007		mg/l	0.0086		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.009		mg/l	0.04		mg/l	0.01		mg/l	0.018		mg/l	0.014		mg/l	0.026		mg/l	0.018		mg/l	0.019		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.39		mg/l	0.66		mg/l	0.67		mg/l	0.77		mg/l	0.8		mg/l	0.9		mg/l	0.92		mg/l	1.2		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(2) URS/MEL			(2) URS/LAUCKS			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186242			168471			168471			186261			186261			186280			186280			186299		
Sample Date	10/17/1997			11/05/1997			11/05/1997			11/25/1997			11/25/1997			12/18/1997			12/18/1997			01/22/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				20	U	ug/l	26	U	ug/l															
Antimony				6.6		ug/l	6.9		ug/l															
Arsenic				0.77		ug/l	0.89	J	ug/l															
Barium				51		ug/l	53		ug/l															
Beryllium				1	U	ug/l	0.35	U	ug/l															
Cadmium	0.0086		mg/l	8.4		ug/l	7.4		ug/l	0.0066		mg/l	0.0065		mg/l	0.008		mg/l	0.007		mg/l	0.0075		mg/l
Calcium				16000		ug/l	16000		ug/l															
Chromium				5	U	ug/l	6	U	ug/l															
Cobalt				5	U	ug/l	5	U	ug/l															
Copper				1		ug/l	1.3	J	ug/l															
Cyanide																								
Iron				15		ug/l	38	J	ug/l															
Lead	0.014		mg/l	13		ug/l	19		ug/l	0.021		mg/l	0.01		mg/l	0.052		mg/l	0.016		mg/l	0.014		mg/l
Lithium																								
Magnesium				4700		ug/l	4600		ug/l															
Manganese				45		ug/l	48		ug/l															
Mercury				0.2	U	ug/l	0.1	UJ	ug/l															
Molybdenum																								
Nickel				1.1		ug/l	5	U	ug/l															
Potassium				1300		ug/l	880		ug/l															
Selenium				1	U	ug/l	0.4	U	ug/l															
Silicon																								
Silver				0.03	U	ug/l	0.22	U	ug/l															
Sodium				5300		ug/l	5400		ug/l															
Strontium																								
Sulfur																								
Thallium				0.5	U	ug/l	0.017	U	ug/l															
Titanium																								
Uranium																								
Vanadium				3	U	ug/l	2	U	ug/l															
Zinc	1.2		mg/l	1200		ug/l	1200		ug/l	0.89		mg/l	0.92		mg/l	0.95		mg/l	0.94		mg/l	1		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186299			186318			186318			186337			186337			186356			186356			46543		
Sample Date	01/22/1998			02/26/1998			02/26/1998			03/19/1998			03/19/1998			04/24/1998			04/24/1998			05/11/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																						50	U	ug/l
Antimony																						2.3		ug/l
Arsenic																						2	U	ug/l
Barium																						23		ug/l
Beryllium																						0.2	U	ug/l
Cadmium	0.0076		mg/l	0.0068		mg/l	0.007		mg/l	0.0051		mg/l	0.0052		mg/l	0.0068		mg/l	0.0038		mg/l	2.2		ug/l
Calcium																						6500		ug/l
Chromium																						5	U	ug/l
Cobalt																						10	U	ug/l
Copper																						2	U	ug/l
Cyanide																								
Iron																						20	U	ug/l
Lead	0.009		mg/l	0.013		mg/l	0.007		mg/l	0.022		mg/l	0.006		mg/l	0.53		mg/l	0.015		mg/l	6		ug/l
Lithium																								
Magnesium																						1900		ug/l
Manganese																						15		ug/l
Mercury																						0.2	U	ug/l
Molybdenum																								
Nickel																						20	U	ug/l
Potassium																						2000	U	ug/l
Selenium																						2	U	ug/l
Silicon																								
Silver																						0.2	U	ug/l
Sodium																						1700		ug/l
Strontium																								
Sulfur																								
Thallium																						0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium																						10	U	ug/l
Zinc	1		mg/l	0.93		mg/l	0.95		mg/l	0.74		mg/l	0.74		mg/l	0.69		mg/l	0.43		mg/l	320		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(3) URS/SWRI			(3) URS/SWRI			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46543			46647			46647			202244			202244			202259			202259			202281		
Sample Date	05/11/1998			05/18/1998			05/18/1998			05/28/1998			05/28/1998			06/25/1998			06/25/1998			07/27/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	50	U	ug/l															
Antimony	1.4		ug/l	4.1		ug/l	4.1		ug/l															
Arsenic	2	U	ug/l	1	U	ug/l	1	U	ug/l															
Barium	28		ug/l	32		ug/l	32		ug/l															
Beryllium	0.2	U	ug/l	1	U	ug/l	1	U	ug/l															
Cadmium	2.3		ug/l	3.2		ug/l	3.2		ug/l	4.3		ug/l	3.5		ug/l	4.9		ug/l	4.9		ug/l	6.5		ug/l
Calcium	7300		ug/l	8900		ug/l	8700		ug/l															
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l															
Cobalt	10	U	ug/l	5	U	ug/l	5	U	ug/l															
Copper	2	U	ug/l	3	U	ug/l	3	U	ug/l															
Cyanide																								
Iron	76		ug/l	1000		ug/l	20	U	ug/l															
Lead	19		ug/l	14		ug/l	5.9		ug/l	28		ug/l	10		ug/l	15		ug/l	10		ug/l	14		ug/l
Lithium																								
Magnesium	2100		ug/l	2600		ug/l	2500		ug/l															
Manganese	24		ug/l	31		ug/l	20		ug/l															
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l															
Molybdenum																								
Nickel	20	U	ug/l	5	U	ug/l	5	U	ug/l															
Potassium	2000	U	ug/l	490		ug/l	360		ug/l															
Selenium	2	U	ug/l	1	U	ug/l	1	U	ug/l															
Silicon																								
Silver	0.2	U	ug/l	0.3	U	ug/l	0.3	U	ug/l															
Sodium	1800		ug/l	2200		ug/l	2200		ug/l															
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l	0.1	U	ug/l	0.1	U	ug/l															
Titanium																								
Uranium																								
Vanadium	10	U	ug/l	5	U	ug/l	5	U	ug/l															
Zinc	370		ug/l	430		ug/l	420		ug/l	460		ug/l	470		ug/l	680		ug/l	710		ug/l	760		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202281			202301			202301			202362			202362			186956			186956			202412		
Sample Date	07/27/1998			08/25/1998			08/25/1998			09/23/1998			09/23/1998			10/19/1998			10/19/1998			10/27/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	6.9		ug/l	7.2		ug/l	7.5		ug/l	8.6		ug/l	8.6		ug/l	9		ug/l	8.4		ug/l	8.1		ug/l
Calcium																			19000		ug/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	11		ug/l	13		ug/l	9		ug/l	14		ug/l	8		ug/l	10		ug/l	4.6		ug/l	10		ug/l
Lithium																								
Magnesium																			5900		ug/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	750		ug/l	1100		ug/l	1000		ug/l	1100		ug/l	1100		ug/l	1000		ug/l	1100		ug/l	1100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202412			186957			186957			202431			202431			186958			186958			202451		
Sample Date	10/27/1998			11/17/1998			11/17/1998			11/24/1998			11/24/1998			12/15/1998			12/15/1998			01/04/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	8.7		ug/l	9		ug/l	9.8		ug/l	10		ug/l	10		ug/l	7		ug/l	7.4		ug/l	7.5		ug/l
Calcium							19000		ug/l										16000		ug/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	6		ug/l	14		ug/l	4.6		ug/l	14		ug/l	8		ug/l	8		ug/l	4.1		ug/l	12		ug/l
Lithium																								
Magnesium							5600		ug/l										4700		ug/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1300		ug/l	1400		ug/l	1400		ug/l	1600		ug/l	1600		ug/l	1100		ug/l	1100		ug/l	990		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268		SF268		SF268		SF268		SF268		SF268		SF268		SF268	
Location Cross Ref.	SF-2/SF-3		SF-2/SF-3		SF-2/SF-3		SF-2/SF-3		SF-2/SF-3		SF-2/SF-3		SF-2/SF-3		SF-2/SF-3	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(7) IDEQ/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	202451		202465		202465		186959		186959		186960		186960		202486	
Sample Date	01/04/1999		01/14/1999		01/14/1999		01/21/1999		01/21/1999		02/10/1999		02/10/1999		02/22/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	7.4	ug/l	5.2	ug/l	5.1	ug/l	5	ug/l	5.4	ug/l	7	ug/l	6.7	ug/l	8.1	ug/l
Calcium									13000	ug/l			15000	ug/l		
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	5	ug/l	16	ug/l	3 U	ug/l	8	ug/l	4	ug/l	8	ug/l	2.7	ug/l	150	ug/l
Lithium																
Magnesium									4100	ug/l			4800	ug/l		
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1000	ug/l	770	ug/l	760	ug/l	820	ug/l	780	ug/l	1100	ug/l	1100	ug/l	1100	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202486			186961			186961			186962			186962			186963			186963			186964		
Sample Date	02/22/1999			03/09/1999			03/09/1999			04/12/1999			04/12/1999			04/20/1999			04/20/1999			05/06/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	6.9		ug/l	7		ug/l	6.2		ug/l	5		ug/l	4.4		ug/l	5		ug/l	3		ug/l	4		ug/l
Calcium							15000		ug/l				9500		ug/l				8000		ug/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																						100		ug/l
Lead	16		ug/l	11		ug/l	3.6		ug/l	130		ug/l	4.8		ug/l	260		ug/l	3.7		ug/l	16		ug/l
Lithium																								
Magnesium							4700		ug/l				2700		ug/l				2400		ug/l			
Manganese																						41		ug/l
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	940		ug/l	1000		ug/l	1100		ug/l	730		ug/l	660		ug/l	670		ug/l	510		ug/l	500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186964			186965			186965			186966			186966			186967			186967			202137		
Sample Date	05/06/1999			05/25/1999			05/25/1999			05/27/1999			05/27/1999			06/01/1999			06/01/1999			07/15/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	3.6		ug/l	4		ug/l	1.4		ug/l	2		ug/l	1.7		ug/l	2		ug/l	1.7		ug/l			
Calcium	10		ug/l				5100		ug/l				6000		ug/l				6100		ug/l	9.1		mg/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron	5		ug/l	4800		ug/l	6.9		ug/l	1400		ug/l	5		ug/l	270		ug/l	6.1		ug/l			
Lead	3.7		ug/l	340		ug/l	3.1		ug/l	180		ug/l	4.1		ug/l	39		ug/l	4		ug/l			
Lithium																								
Magnesium	3100		ug/l				1400		ug/l				1700		ug/l				1700		ug/l	2.6		mg/l
Manganese	31		ug/l	570		ug/l	18		ug/l	170		ug/l	16		ug/l	43		ug/l	14		ug/l			
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium	3000		ug/l				1100		ug/l										1400		ug/l	2.5		mg/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	560		ug/l	600		ug/l	180		ug/l	330		ug/l	230		ug/l	250		ug/l	240		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF268			SF268			SF268			SF268			SF268			SF268			SF268			SF268		
Location Cross Ref.	SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3			SF-2/SF-3		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202137			202137			202138			202138			202138			202139			202139			202139		
Sample Date	07/15/1999			07/15/1999			08/09/1999			08/09/1999			08/09/1999			08/30/1999			08/30/1999			08/30/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			D6010			6010			D6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	3.5		ug/l	3		ug/l				5.8		ug/l	6		ug/l				6.6		ug/l	6		ug/l
Calcium							14		mg/l							17		mg/l						
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	15		ug/l	6		ug/l				14		ug/l	8		ug/l				12		ug/l	8		ug/l
Lithium																								
Magnesium							4.3		mg/l							5.4		mg/l						
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium							6.1		mg/l							8.1		mg/l						
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	430		ug/l	440		ug/l				660		ug/l	710		ug/l				730		ug/l	820		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF269			SF269			SF270			SF270			SF270			SF270			SF270			SF270		
Location Cross Ref.	SF269			SF269			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168472			168472			173664			173664			173665			173665			173666			173666		
Sample Date	11/05/1997			11/05/1997			10/29/1993			10/29/1993			12/01/1993			12/01/1993			12/21/1993			12/21/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	43	J	ug/l																		
Antimony	0.5	U	ug/l	0.46	U	ug/l																		
Arsenic	0.12		ug/l	0.16	U	ug/l																		
Barium	20		ug/l	22		ug/l																		
Beryllium	1	U	ug/l	0.35	U	ug/l																		
Cadmium	0.43		ug/l	0.32	J	ug/l	11		ug/l	9.9		ug/l	12		ug/l	12		ug/l	17		ug/l	17		ug/l
Calcium	7700		ug/l	7600		ug/l																		
Chromium	5	U	ug/l	6	U	ug/l																		
Cobalt	5	U	ug/l	5	U	ug/l																		
Copper	0.66		ug/l	2.6	J	ug/l																		
Cyanide																								
Iron	10	U	ug/l	31	J	ug/l																		
Lead	0.24		ug/l	1.1		ug/l	13		ug/l	2	J	ug/l	36		ug/l	1.5	U	ug/l	13		ug/l	1.5	U	ug/l
Lithium																								
Magnesium	3800		ug/l	3800		ug/l																		
Manganese	1	U	ug/l	2.7	J	ug/l																		
Mercury	0.2	U	ug/l	0.1	UJ	ug/l																		
Molybdenum																								
Nickel	2.2		ug/l	5	U	ug/l																		
Potassium	1200		ug/l	770		ug/l																		
Selenium	1	U	ug/l	0.78	U	ug/l																		
Silicon																								
Silver	0.03	U	ug/l	0.22	U	ug/l																		
Sodium	3300		ug/l	3400		ug/l																		
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.017	U	ug/l																		
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l																		
Zinc	25		ug/l	46		ug/l	2400		ug/l	2400		ug/l	2300		ug/l	2300		ug/l	2600		ug/l	2600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270		SF270		SF270		SF270		SF270		SF270		SF270		SF270	
Location Cross Ref.	SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173667		173667		173668		173668		173669		173669		173670		173670	
Sample Date	01/21/1994		01/21/1994		02/17/1994		02/17/1994		03/07/1994		03/07/1994		03/23/1994		03/23/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	18	ug/l	17	ug/l	14	ug/l	14	ug/l	10	ug/l	10	ug/l	10	ug/l	11	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	13	ug/l	3 J	ug/l	13	ug/l	1.3 U	ug/l	21	ug/l	4	ug/l	19	ug/l	9	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	2100	ug/l	2200	ug/l	2500	ug/l	2500	ug/l	1400	ug/l	1400	ug/l	1500	ug/l	1500	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270		SF270		SF270		SF270		SF270		SF270		SF270		SF270	
Location Cross Ref.	SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173671		173671		173672		173672		173673		173673		173674		173674	
Sample Date	04/06/1994		04/06/1994		04/18/1994		04/18/1994		05/03/1994		05/03/1994		05/20/1994		05/20/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	7.1	ug/l	8.2	ug/l	6	ug/l	6.3	ug/l	5.6	ug/l	5.4	ug/l	5.1	ug/l	5.1	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	23	ug/l	8	ug/l	230	ug/l	7	ug/l	19	ug/l	9	ug/l	30	ug/l	9	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	100	ug/l	1000	ug/l	820	ug/l	610	ug/l	720	ug/l	740	ug/l	740	ug/l	750	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270		SF270		SF270		SF270		SF270		SF270		SF270		SF270	
Location Cross Ref.	SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173675		173675		173676		173676		173677		173677		173678		173678	
Sample Date	06/08/1994		06/08/1994		06/24/1994		06/24/1994		07/23/1994		07/23/1994		08/16/1994		08/16/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	6.5	ug/l	7	ug/l	8.9	ug/l	8.9	ug/l	9.8	ug/l	8	ug/l	11	ug/l	10	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	21	ug/l	9	ug/l	16	ug/l	4	ug/l	19	ug/l	1.5 U	ug/l	16	ug/l	2.5 J	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1100	ug/l	1100	ug/l	1400	ug/l	1400	ug/l	1800	ug/l	1700	ug/l	2200	ug/l	2100	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270		SF270		SF270		SF270		SF270		SF270		SF270		SF270	
Location Cross Ref.	SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173679		173679		173680		173680		173681		173681		173682		173682	
Sample Date	09/09/1994		09/09/1994		10/05/1994		10/05/1994		11/16/1994		11/16/1994		12/14/1994		12/14/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	11	ug/l	11	ug/l	12	ug/l	11	ug/l	29	ug/l	30	ug/l	30	ug/l	31	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	21	ug/l	1.5 U	ug/l	15	ug/l	1.5 U	ug/l	27	ug/l	4	ug/l	19	ug/l	3 J	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	2400	ug/l	2400	ug/l	2500	ug/l	2400	ug/l	2600	ug/l	2500	ug/l	2600	ug/l	2600	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270			SF270			SF270			SF270			SF270			SF270			SF270			SF270		
Location Cross Ref.	SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173683			173683			173684			173684			173685			173685			173686			173686		
Sample Date	01/11/1995			01/11/1995			02/09/1995			02/09/1995			03/08/1995			03/08/1995			03/23/1995			03/23/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	18		ug/l	17		ug/l	7.9		ug/l	8.1		ug/l	7.9		ug/l	7.9		ug/l	10		ug/l	10		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	170		ug/l	9		ug/l	21		ug/l	16		ug/l	20		ug/l	8		ug/l	30		ug/l	10		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1500		ug/l	1400		ug/l	1200		ug/l	1200		ug/l	1300		ug/l	1300		ug/l	1200		ug/l	1100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270		SF270		SF270		SF270		SF270		SF270		SF270		SF270	
Location Cross Ref.	SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2		SF270/SF-2	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173687		173687		173688		173688		173689		173689		173690		173690	
Sample Date	04/14/1995		04/14/1995		04/27/1995		04/27/1995		05/11/1995		05/11/1995		05/24/1995		05/24/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	11	ug/l	7.9	ug/l	7.6	ug/l	7.4	ug/l	6.4	ug/l	5.8	ug/l	4.7	ug/l	5.4	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	25	ug/l	11	ug/l	22	ug/l	10	ug/l	58	ug/l	11	ug/l	20	ug/l	10	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1300	ug/l	1300	ug/l	1200	ug/l	1200	ug/l	750	ug/l	620	ug/l	750	ug/l	740	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270			SF270			SF270			SF270			SF270			SF270			SF270			SF270		
Location Cross Ref.	SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173691			173691			173692			173692			173693			173693			173694			173694		
Sample Date	06/13/1995			06/13/1995			06/28/1995			06/28/1995			07/12/1995			07/12/1995			07/26/1995			07/26/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	6		ug/l	5.3		ug/l	7.2		ug/l	7.7		ug/l	9.8		ug/l	9.7		ug/l	10		ug/l	10		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	21		ug/l	13		ug/l	37		ug/l	13		ug/l	23		ug/l	13		ug/l	30		ug/l	8		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	920		ug/l	920		ug/l	1300		ug/l	1200		ug/l	1600		ug/l	1600		ug/l	1900		ug/l	1900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270			SF270			SF270			SF270			SF270			SF270			SF270			SF270		
Location Cross Ref.	SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173695			173695			173696			173696			173697			173697			173698			173698		
Sample Date	08/15/1995			08/15/1995			09/14/1995			09/14/1995			10/18/1995			10/18/1995			11/22/1995			11/22/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	11		ug/l	11		ug/l	11		ug/l	11		ug/l	18		ug/l	16		ug/l	13		ug/l	13		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	31		ug/l	6		ug/l	31		ug/l	5		ug/l	45		ug/l	19		ug/l	320		ug/l	15		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2000		ug/l	2000		ug/l	2300		ug/l	2300		ug/l	1800		ug/l	1700		ug/l	1300		ug/l	1200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270			SF270			SF270			SF270			SF270			SF270			SF270			SF270		
Location Cross Ref.	SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173699			173699			173700			173700			173701			173701			173702			173702		
Sample Date	12/27/1995			12/27/1995			01/18/1996			01/18/1996			02/28/1996			02/28/1996			03/27/1996			03/27/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	8.5		ug/l	9.1		ug/l	11		ug/l	11		ug/l	7.8		ug/l	7.6		ug/l	9		ug/l	9.1		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	28		ug/l	14		ug/l	36		ug/l	12		ug/l	33		ug/l	9		ug/l	27		ug/l	11		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1500		ug/l	1600		ug/l	1100		ug/l	1100		ug/l	1400		ug/l	1400		ug/l	1700		ug/l	1700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270			SF270			SF270			SF270			SF270			SF270			SF270			SF270		
Location Cross Ref.	SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173703			173703			173704			173704			173705			173705			173706			173706		
Sample Date	04/18/1996			04/18/1996			05/09/1996			05/09/1996			06/20/1996			06/20/1996			07/23/1996			07/23/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	6		ug/l	6		ug/l	7.8		ug/l	7.4		ug/l	6.8		ug/l	6		ug/l	1.1		ug/l	1.2		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	52		ug/l	12		ug/l	38		ug/l	8		ug/l	24		ug/l	9		ug/l	11		ug/l	5		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1000		ug/l	990		ug/l	1300		ug/l	1300		ug/l	1200		ug/l	1200		ug/l	150		ug/l	140		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270			SF270			SF270			SF270			SF270			SF270			SF270			SF270		
Location Cross Ref.	SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173707			173707			173708			173708			186005			186005			186028			186028		
Sample Date	08/21/1996			08/21/1996			09/26/1996			09/26/1996			10/29/1996			10/29/1996			11/26/1996			11/26/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	12		ug/l	13		ug/l	14		ug/l	14		ug/l	0.022		mg/l	0.021		mg/l	0.03		mg/l	0.029		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	66		ug/l	7		ug/l	110		ug/l	16		ug/l	0.076		mg/l	0.018		mg/l	0.11		mg/l	0.014		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2700		ug/l	2600		ug/l	2500		ug/l	2500		ug/l	3		mg/l	2.9		mg/l	3.3		mg/l	3.3		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270			SF270			SF270			SF270			SF270			SF270			SF270			SF270		
Location Cross Ref.	SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186044			186044			186060			186060			186080			186080			186100			186100		
Sample Date	12/17/1996			12/17/1996			01/29/1997			01/29/1997			02/19/1997			02/19/1997			03/27/1997			03/27/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.031		mg/l	0.03		mg/l	0.014		mg/l	0.015		mg/l	0.021		mg/l	0.02		mg/l	0.0079		mg/l	0.0078		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.043		mg/l	0.01		mg/l	0.026		mg/l	0.009		mg/l	0.35		mg/l	0.015		mg/l	0.051		mg/l	0.012		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	3.4		mg/l	3.4		mg/l	2.1		mg/l	2.1		mg/l	1.6		mg/l	1.5		mg/l	1.1		mg/l	1.1		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270			SF270			SF270			SF270			SF270			SF270			SF270			SF270		
Location Cross Ref.	SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186120			186120			186140			186160			186160			186180			186180			186200		
Sample Date	04/17/1997			04/17/1997			05/16/1997			06/25/1997			06/25/1997			07/24/1997			07/24/1997			08/13/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0076		mg/l	0.007		mg/l	9.2		ug/l	0.0062		mg/l	0.0069		mg/l	0.0073		mg/l	0.0075		mg/l	0.009		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.096		mg/l	0.02		mg/l	1900		ug/l	0.04		mg/l	0.013		mg/l	0.031		mg/l	0.01		mg/l	0.032		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.93		mg/l	0.85		mg/l	1700		ug/l	0.79		mg/l	0.8		mg/l	1.3		mg/l	1.4		mg/l	1.7		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270			SF270			SF270			SF270			SF270			SF270			SF270			SF270		
Location Cross Ref.	SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(2) URS/MEL			(2) URS/LAUCKS			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186200			186220			186220			186241			186241			168473			168473			186260		
Sample Date	08/13/1997			09/04/1997			09/04/1997			10/17/1997			10/17/1997			11/04/1997			11/04/1997			11/25/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			DIN-CLP-LOW			IN-CLP-LOW			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																46		ug/l	88	J	ug/l			
Antimony																6		ug/l	6.4		ug/l			
Arsenic																1.2		ug/l	1.2	J	ug/l			
Barium																50		ug/l	50		ug/l			
Beryllium																1	U	ug/l	0.35	U	ug/l			
Cadmium	0.0088		mg/l	0.0098		mg/l	0.0097		mg/l	0.014		mg/l	0.013		mg/l	13		ug/l	11		ug/l	0.012		mg/l
Calcium																25000		ug/l	24000		ug/l			
Chromium																5	U	ug/l	6	U	ug/l			
Cobalt																5	U	ug/l	5	U	ug/l			
Copper																1.3		ug/l	1.3	J	ug/l			
Cyanide																								
Iron																260		ug/l	360		ug/l			
Lead	0.01		mg/l	0.041		mg/l	0.016		mg/l	0.033		mg/l	0.009		mg/l	12		ug/l	31		ug/l	0.1		mg/l
Lithium																								
Magnesium																7700		ug/l	7200		ug/l			
Manganese																610		ug/l	600		ug/l			
Mercury																0.2	U	ug/l	0.1	UJ	ug/l			
Molybdenum																								
Nickel																3.2		ug/l	5	U	ug/l			
Potassium																1100		ug/l	1300		ug/l			
Selenium																1	U	ug/l	0.74	U	ug/l			
Silicon																								
Silver																0.03	U	ug/l	0.22	U	ug/l			
Sodium																5400		ug/l	5200		ug/l			
Strontium																								
Sulfur																								
Thallium																0.5	U	ug/l	0.68	J	ug/l			
Titanium																								
Uranium																								
Vanadium																3	U	ug/l	2	U	ug/l			
Zinc	1.7		mg/l	1.9		mg/l	2		mg/l	2.3		mg/l	2.4		mg/l	2000		ug/l	2100		ug/l	1.8		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270			SF270			SF270			SF270			SF270			SF270			SF270			SF270		
Location Cross Ref.	SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186260			186279			186279			186298			186298			186317			186317			186336		
Sample Date	11/25/1997			12/18/1997			12/18/1997			01/23/1998			01/23/1998			02/26/1998			02/26/1998			03/19/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.012		mg/l	0.017		mg/l	0.017		mg/l	0.024		mg/l	0.023		mg/l	0.014		mg/l	0.015		mg/l	0.011		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.009		mg/l	0.06		mg/l	0.013		mg/l	0.022		mg/l	0.006		mg/l	0.026		mg/l	0.011		mg/l	0.043		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.7		mg/l	2		mg/l	2		mg/l	2.5		mg/l	2.5		mg/l	2		mg/l	2.1		mg/l	1.4		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270			SF270			SF270			SF270			SF270			SF270			SF270			SF270		
Location Cross Ref.	SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(3) URS/COLUMBWA		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186336			202193			202193			186355			186355			202219			202219			46542		
Sample Date	03/19/1998			04/17/1998			04/17/1998			04/24/1998			04/24/1998			05/02/1998			05/02/1998			05/11/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			DIN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																						50	U	ug/l
Antimony																						2.5		ug/l
Arsenic																						2	U	ug/l
Barium																						24		ug/l
Beryllium																						0.2	U	ug/l
Cadmium	0.012		mg/l	12		ug/l	12		ug/l	0.0075		mg/l	0.0048		mg/l	4.2		ug/l	4.6		ug/l	3.4		ug/l
Calcium																						9300		ug/l
Chromium																						5	U	ug/l
Cobalt																						10	U	ug/l
Copper																						2		ug/l
Cyanide																								
Iron																						54		ug/l
Lead	0.01		mg/l	17		ug/l	9		ug/l	0.54		mg/l	0.015		mg/l	76		ug/l	13		ug/l	23		ug/l
Lithium																								
Magnesium																						2700		ug/l
Manganese																						120		ug/l
Mercury																						0.2	U	ug/l
Molybdenum																								
Nickel																						20	U	ug/l
Potassium																						2000	U	ug/l
Selenium																						2	U	ug/l
Silicon																								
Silver																						0.2	U	ug/l
Sodium																						1800		ug/l
Strontium																								
Sulfur																								
Thallium																						0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium																						10	U	ug/l
Zinc	1.4		mg/l	1300		ug/l	1300		ug/l	0.83		mg/l	0.52		mg/l	540		ug/l	530		ug/l	530		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270			SF270			SF270			SF270			SF270			SF270			SF270			SF270		
Location Cross Ref.	SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/COLUMBWA			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46542			202251			202251			202258			202258			202280			202280			202300		
Sample Date	05/11/1998			05/29/1998			05/29/1998			06/25/1998			06/25/1998			07/27/1998			07/27/1998			08/25/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l																					
Antimony	2.5		ug/l																					
Arsenic	2	U	ug/l																					
Barium	28		ug/l																					
Beryllium	0.2	U	ug/l																					
Cadmium	3.1		ug/l	6.6		ug/l	6.7		ug/l	7.2		ug/l	7.5		ug/l	11		ug/l	12		ug/l	12		ug/l
Calcium	9800		ug/l																					
Chromium	5	U	ug/l																					
Cobalt	10	U	ug/l																					
Copper	2	U	ug/l																					
Cyanide																								
Iron	160		ug/l																					
Lead	7.7		ug/l	32		ug/l	11		ug/l	24		ug/l	10		ug/l	23		ug/l	8		ug/l	38		ug/l
Lithium																								
Magnesium	2800		ug/l																					
Manganese	130		ug/l																					
Mercury	0.2	U	ug/l																					
Molybdenum																								
Nickel	20	U	ug/l																					
Potassium	2000	U	ug/l																					
Selenium	2	U	ug/l																					
Silicon																								
Silver	0.2	U	ug/l																					
Sodium	1900		ug/l																					
Strontium																								
Sulfur																								
Thallium	0.2	U	ug/l																					
Titanium																								
Uranium																								
Vanadium	10	U	ug/l																					
Zinc	560		ug/l	670		ug/l	690		ug/l	1300		ug/l	1200		ug/l	1600		ug/l	1500		ug/l	1900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270			SF270			SF270			SF270			SF270			SF270			SF270			SF270		
Location Cross Ref.	SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202300			202363			202363			202381			202381			202400			202400			202413		
Sample Date	08/25/1998			09/23/1998			09/23/1998			09/29/1998			09/29/1998			10/08/1998			10/08/1998			10/27/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	12		ug/l	12		ug/l	12		ug/l	13		ug/l	13		ug/l	15		ug/l	14		ug/l	14		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	5		ug/l	23		ug/l	4		ug/l	22		ug/l	4		ug/l	45		ug/l	6		ug/l	20		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1900		ug/l	2100		ug/l	2100		ug/l	2200		ug/l	2200		ug/l	2200		ug/l	2200		ug/l	2400		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270			SF270			SF270			SF270			SF270			SF270			SF270			SF270		
Location Cross Ref.	SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202413			202432			202432			202452			202452			202466			202466			202487		
Sample Date	10/27/1998			11/24/1998			11/24/1998			01/04/1999			01/04/1999			01/14/1999			01/14/1999			02/22/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	14		ug/l	24		ug/l	24		ug/l	12		ug/l	12		ug/l	16		ug/l	13		ug/l	15		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	3		ug/l	38		ug/l	8		ug/l	14		ug/l	6		ug/l	250		ug/l	8		ug/l	20		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2400		ug/l	2500		ug/l	2500		ug/l	1600		ug/l	1700		ug/l	1600		ug/l	1400		ug/l	1800		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF270			SF270			SF270			SF270			SF270			SF271			SF271			SF271		
Location Cross Ref.	SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF270/SF-2			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202487			202507			202507			186979			186979			172000			172000			172000		
Sample Date	02/22/1999			03/09/1999			03/09/1999			05/25/1999			05/25/1999			05/14/1991			05/14/1991			05/14/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			7131			7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	16		ug/l	13		ug/l	12		ug/l	2		ug/l	1.7		ug/l				0.0029		mg/l			
Calcium													6300		ug/l									
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron										7800		ug/l	9.5		ug/l									
Lead	5		ug/l	15		ug/l	6		ug/l	900		ug/l	4.7		ug/l							0.041		mg/l
Lithium																								
Magnesium													1600		ug/l									
Manganese										49		ug/l	38		ug/l									
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium													1100		ug/l									
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1800		ug/l	1600		ug/l	1600		ug/l	290		ug/l	250		ug/l	0.54		mg/l						

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172000			172000			172001			172001			172001			172001			172001			172002		
Sample Date	05/14/1991			05/14/1991			05/15/1991			05/15/1991			05/15/1991			05/15/1991			05/15/1991			05/16/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D7421			6010			7131			7421			D6010			D7421			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0028		mg/l							0.0028		mg/l				0.0025		mg/l						
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.003	U	mg/l							0.028		mg/l				0.003	U	mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.51		mg/l				0.5		mg/l							0.51		mg/l				0.57		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	172002			172002			172002			172002			172003			172003		
Sample Date	05/16/1991			05/16/1991			05/16/1991			05/16/1991			05/17/1991			05/17/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7131			7421			D6010			D7421			6010			7131			7421			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0025		mg/l				0.0024		mg/l							0.0029		mg/l				0.0022		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.024		mg/l				0.003	J	mg/l							0.015		mg/l			
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc							0.59		mg/l				0.53		mg/l							0.5		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(4) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	172003			172004			172004			172004			172004			172004			172112			172112		
Sample Date	05/17/1991			05/18/1991			05/18/1991			05/18/1991			05/18/1991			05/18/1991			10/01/1991			10/01/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D7421			6010			7131			7421			D6010			D7421			6010			7131		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium							0.021		mg/l				0.0016		mg/l							0.015		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.003	U	mg/l							0.17		mg/l				0.003	U	mg/l						
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.53		mg/l							0.35		mg/l				2.5		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	172112			172112			172112			172113			172113			172113		
Sample Date	10/01/1991			10/01/1991			10/01/1991			10/02/1991			10/02/1991			10/02/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7421			D6010			D7421			6010			7131			7421			D6010			D7421		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium				0.0091		mg/l							0.014		mg/l				0.012		mg/l			
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.02		mg/l				0.003		mg/l							0.022		mg/l				0.001	U	mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				2.6		mg/l				2.6		mg/l							2.6		mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271	SF271	SF271	SF271	SF271	SF271	SF271	SF271
Location Cross Ref.	SF-8/SF-1	SF-8/SF-1	SF-8/SF-1	SF-8/SF-1	SF-8/SF-1	SF-8/SF-1	SF-8/SF-1	SF-8/SF-1
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER	(5) MFG/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	172114	172114	172114	172114	172114	172115	172115	172115
Sample Date	10/03/1991	10/03/1991	10/03/1991	10/03/1991	10/03/1991	10/04/1991	10/04/1991	10/04/1991
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	7131	7421	D6010	D7421	6010	7131	7421
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium		0.008 mg/l		0.014 mg/l			0.009 mg/l	
Calcium								
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead			0.018 mg/l		0.001 U mg/l			0.018 mg/l
Lithium								
Magnesium								
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc	2.7 mg/l			2.6 mg/l		2.8 mg/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER			(5) MFG/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	172115			172115			172116			172116			172116			172116		
Sample Date	10/04/1991			10/04/1991			10/05/1991			10/05/1991			10/05/1991			10/05/1991		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D7421			6010			7131			7421			D6010			D7421			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.009		mg/l							0.009		mg/l				0.0081		mg/l				12		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				0.001	U	mg/l							0.021		mg/l				0.002		mg/l	1		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2.9		mg/l				2.7		mg/l							2.8		mg/l				2200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210037			210038			210039			210040			210041			210042			210043			210044		
Sample Date	12/09/1992			01/21/1993			02/23/1993			03/23/1993			04/05/1993			04/20/1993			05/03/1993			05/19/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	15		ug/l	20		ug/l	15		ug/l	8.6		ug/l	4.8		ug/l	4.8		ug/l	4.8		ug/l	4.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	5.4		ug/l	9.5		ug/l	6.3		ug/l	13		ug/l	6.4		ug/l	4.2		ug/l	11		ug/l	14		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2600		ug/l	2700		ug/l	2700		ug/l	1100		ug/l	760		ug/l	700		ug/l	700		ug/l	640		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210045			210046			210047			210048			210049			173709			173709			173710		
Sample Date	06/02/1993			06/23/1993			07/21/1993			08/25/1993			09/21/1993			10/29/1993			10/29/1993			11/30/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	5.7		ug/l	7.7		ug/l	11		ug/l	11		ug/l	8.6		ug/l	8.9		ug/l	8.8		ug/l	10		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	6.9		ug/l	5.7		ug/l	5.9		ug/l	5		ug/l	5.4		ug/l	17		ug/l	1.5	U	ug/l	23		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	830		ug/l	1300		ug/l	1400		ug/l	2000		ug/l	2000		ug/l	2300		ug/l	2400		ug/l	2300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271		SF271		SF271		SF271		SF271		SF271		SF271		SF271	
Location Cross Ref.	SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173710		173711		173711		173712		173712		173713		173713		173714	
Sample Date	11/30/1993		12/21/1993		12/21/1993		01/21/1994		01/21/1994		02/17/1994		02/17/1994		03/07/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	10	ug/l	12	ug/l	12	ug/l	9.8	ug/l	9.5	ug/l	14	ug/l	14	ug/l	7.2	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	15	ug/l	1.5 U	ug/l	13	ug/l	1.5 U	ug/l	16	ug/l	1.5 U	ug/l	23	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	2300	ug/l	2200	ug/l	2100	ug/l	1600	ug/l	1700	ug/l	2400	ug/l	2500	ug/l	1000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173714			173715			173715			173716			173716			173717			173717			173718		
Sample Date	03/07/1994			03/23/1994			03/23/1994			04/06/1994			04/06/1994			04/18/1994			04/18/1994			05/03/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	7.8		ug/l	7.1		ug/l	7.1		ug/l	5.7		ug/l	6.3		ug/l	4.6		ug/l	2.7		ug/l	4.8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	5		ug/l	21		ug/l	7		ug/l	22		ug/l	6		ug/l	200		ug/l	6		ug/l	16		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1100		ug/l	1100		ug/l	1200		ug/l	830		ug/l	820		ug/l	610		ug/l	420		ug/l	720		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271		SF271		SF271		SF271		SF271		SF271		SF271		SF271	
Location Cross Ref.	SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173718		173719		173719		173720		173720		173721		173721		173722	
Sample Date	05/03/1994		05/20/1994		05/20/1994		06/08/1994		06/08/1994		06/24/1994		06/24/1994		07/23/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	5	ug/l	4.8	ug/l	5.2	ug/l	6.7	ug/l	6.7	ug/l	7.3	ug/l	7.2	ug/l	8.4	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	8	ug/l	24	ug/l	8	ug/l	20	ug/l	6	ug/l	18	ug/l	3 J	ug/l	2.5 U	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	740	ug/l	750	ug/l	790	ug/l	1100	ug/l	1100	ug/l	1400	ug/l	1400	ug/l	1500	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271		SF271		SF271		SF271		SF271		SF271		SF271		SF271	
Location Cross Ref.	SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173722		173723		173723		173724		173724		173725		173725		173726	
Sample Date	07/23/1994		08/16/1994		08/16/1994		09/09/1994		09/09/1994		10/05/1994		10/05/1994		11/16/1994	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	7.2	ug/l	8.6	ug/l	7.8	ug/l	11	ug/l	10	ug/l	12	ug/l	11	ug/l	19	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	24	ug/l	2.5 J	ug/l	24	ug/l	1.5 U	ug/l	26	ug/l	3 J	ug/l	17	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1400	ug/l	1600	ug/l	1500	ug/l	2400	ug/l	2500	ug/l	2500	ug/l	2500	ug/l	2100	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271		SF271		SF271		SF271		SF271		SF271		SF271		SF271	
Location Cross Ref.	SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173726		173727		173727		173728		173728		173729		173729		173730	
Sample Date	11/16/1994		12/14/1994		12/14/1994		01/10/1995		01/10/1995		02/09/1995		02/09/1995		03/07/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	18	ug/l	16	ug/l	17	ug/l	13	ug/l	10	ug/l	7.1	ug/l	7	ug/l	7.6	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5 U	ug/l	24	ug/l	12	ug/l	130	ug/l	10	ug/l	25	ug/l	7	ug/l	23	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	2000	ug/l	2000	ug/l	2000	ug/l	1100	ug/l	1000	ug/l	1000	ug/l	1000	ug/l	1300	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271		SF271		SF271		SF271		SF271		SF271		SF271		SF271	
Location Cross Ref.	SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173730		173731		173731		173732		173732		173733		173733		173734	
Sample Date	03/07/1995		03/23/1995		03/23/1995		04/14/1995		04/14/1995		04/27/1995		04/27/1995		05/11/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	8.3	ug/l	8.8	ug/l	7.9	ug/l	8.6	ug/l	7.4	ug/l	6.8	ug/l	6	ug/l	4.8	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	11	ug/l	47	ug/l	10	ug/l	26	ug/l	9	ug/l	36	ug/l	0.8 U	ug/l	65	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1300	ug/l	930	ug/l	900	ug/l	1000	ug/l	1000	ug/l	930	ug/l	910	ug/l	620	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	173734			173735			173735			173736			173736			173737			173737			173738		
Sample Date	05/11/1995			05/24/1995			05/24/1995			06/13/1995			06/13/1995			06/28/1995			06/28/1995			07/12/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	4.6		ug/l	6.6		ug/l	4.2		ug/l	5.8		ug/l	5.2		ug/l	6		ug/l	5.8		ug/l	8.7		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	10		ug/l	22		ug/l	11		ug/l	31		ug/l	11		ug/l	21		ug/l	5		ug/l	22		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	500		ug/l	660		ug/l	650		ug/l	930		ug/l	910		ug/l	1100		ug/l	1100		ug/l	1500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271		SF271		SF271		SF271		SF271		SF271		SF271		SF271	
Location Cross Ref.	SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	173738		173739		173739		173740		173740		173741		173741		210050	
Sample Date	07/12/1995		07/26/1995		07/26/1995		08/15/1995		08/15/1995		09/14/1995		09/14/1995		10/08/1995	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	8.6	ug/l	10	ug/l	10	ug/l	9.8	ug/l	10	ug/l	8.8	ug/l	8.5	ug/l	11	ug/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	7	ug/l	31	ug/l	6	ug/l	27	ug/l	1.5 U	ug/l	25	ug/l	1.5 U	ug/l	16	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	1500	ug/l	1900	ug/l	1900	ug/l	2000	ug/l	1900	ug/l	1900	ug/l	1800	ug/l	1500	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210051			210052			210053			210054			210055			210056			210057			210058		
Sample Date	11/07/1995			12/27/1995			01/18/1996			02/28/1996			03/27/1996			04/18/1996			05/09/1996			06/20/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	7		ug/l	8.4		ug/l	8.2		ug/l	7.7		ug/l	6.2		ug/l	5		ug/l	6.6		ug/l	5.6		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	9		ug/l	11		ug/l	11		ug/l	6		ug/l	10		ug/l	9		ug/l	7		ug/l	8		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	970		ug/l	1500		ug/l	840		ug/l	1400		ug/l	1100		ug/l	880		ug/l	1100		ug/l	1100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210059			210060			210061			186004			186004			186027			186027			186043		
Sample Date	07/23/1996			08/21/1996			09/26/1996			10/29/1996			10/29/1996			11/26/1996			11/26/1996			12/17/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	8.4		ug/l	11		ug/l	9.6		ug/l	0.015		mg/l	0.015		mg/l	0.017		mg/l	0.018		mg/l	0.017		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	2		ug/l	2		ug/l	4		ug/l	0.033		mg/l	0.007		mg/l	0.028		mg/l	0.004		mg/l	0.028		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2300		ug/l	2200		ug/l	2400		ug/l	2.6		mg/l	2.5		mg/l	2.4		mg/l	2.4		mg/l	2.2		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186043			186099			186099			186119			186119			186139			186159			186159		
Sample Date	12/17/1996			03/27/1997			03/27/1997			04/17/1997			04/17/1997			05/16/1997			06/25/1997			06/25/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.017		mg/l	0.0063		mg/l	0.0058		mg/l	0.0065		mg/l	0.0042		mg/l	7		ug/l	0.0058		mg/l	0.06		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.006		mg/l	0.16		mg/l	0.012		mg/l	0.25		mg/l	0.007		mg/l	1100		ug/l	0.043		mg/l	0.012		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2.3		mg/l	0.9		mg/l	0.85		mg/l	0.79		mg/l	0.67		mg/l	1300		ug/l	0.72		mg/l	0.73		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186179			186179			186199			186199			186219			186219			186240			186240		
Sample Date	07/24/1997			07/24/1997			08/14/1997			08/14/1997			09/04/1997			09/04/1997			10/17/1997			10/17/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0067		mg/l	0.0065		mg/l	0.0086		mg/l	0.0079		mg/l	0.0087		mg/l	0.011		mg/l	0.011		mg/l	0.011		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.038		mg/l	0.008		mg/l	0.034		mg/l	0.007		mg/l	0.046		mg/l	0.004		mg/l	0.035		mg/l	0.006		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.2		mg/l	1.2		mg/l	1.5		mg/l	1.4		mg/l	1.7		mg/l	1.8		mg/l	1.9		mg/l	2		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(2) URS/MEL			(2) URS/LAUCKS			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	168474			168474			186259			186259			186278			186278			186297			186297		
Sample Date	11/04/1997			11/04/1997			11/25/1997			11/25/1997			12/18/1997			12/18/1997			01/23/1998			01/23/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	20	U	ug/l	61	J	ug/l																		
Antimony	4.9		ug/l	5.3		ug/l																		
Arsenic	0.63		ug/l	1.1	J	ug/l																		
Barium	40		ug/l	43		ug/l																		
Beryllium	1	U	ug/l	0.35	U	ug/l																		
Cadmium	9.8		ug/l	8.5		ug/l	0.012		mg/l	0.0068		mg/l	0.011		mg/l	0.01		mg/l	0.012		mg/l	0.013		mg/l
Calcium	20000		ug/l	20000		ug/l																		
Chromium	5	U	ug/l	6	U	ug/l																		
Cobalt	5	U	ug/l	5	U	ug/l																		
Copper	0.82		ug/l	1.3	J	ug/l																		
Cyanide																								
Iron	62		ug/l	260		ug/l																		
Lead	3.6		ug/l	28		ug/l	0.61		mg/l	0.014		mg/l	0.048		mg/l	0.011		mg/l	0.019		mg/l	0.006		mg/l
Lithium																								
Magnesium	6300		ug/l	6300		ug/l																		
Manganese	450		ug/l	470		ug/l																		
Mercury	0.2	U	ug/l	0.1	UJ	ug/l																		
Molybdenum																								
Nickel	2.8		ug/l	5	U	ug/l																		
Potassium	1100		ug/l	1200		ug/l																		
Selenium	1	U	ug/l	1.3	U	ug/l																		
Silicon																								
Silver	0.03	U	ug/l	0.22	U	ug/l																		
Sodium	4500		ug/l	4600		ug/l																		
Strontium																								
Sulfur																								
Thallium	0.5	U	ug/l	0.16	U	ug/l																		
Titanium																								
Uranium																								
Vanadium	3	U	ug/l	2	U	ug/l																		
Zinc	1500		ug/l	1700		ug/l	1.5		mg/l	1.2		mg/l	1.3		mg/l	1.3		mg/l	1.7		mg/l	1.7		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186316			186316			186335			186335			202192			202192			186354			186354		
Sample Date	02/26/1998			02/26/1998			03/19/1998			03/19/1998			04/17/1998			04/17/1998			04/24/1998			04/24/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.01		mg/l	0.01		mg/l	0.0072		mg/l	0.0074		mg/l	5.8		ug/l	6.2		ug/l	0.0069		mg/l	0.0041		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.039		mg/l	0.01		mg/l	0.043		mg/l	0.009		mg/l	20		ug/l	7		ug/l	0.69		mg/l	0.009		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1.4		mg/l	1.3		mg/l	1		mg/l	0.97		mg/l	1000		ug/l	1000		ug/l	0.76		mg/l	0.42		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271		SF271		SF271		SF271		SF271		SF271		SF271		SF271	
Location Cross Ref.	SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/OTHER		(7) IDEQ/OTHER		(3) URS/COLUMBWA		(3) URS/COLUMBWA		(3) URS/SWRI		(3) URS/SWRI		(7) IDEQ/OTHER		(7) IDEQ/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	202217		202217		46541		46541		46646		46646		202250		202250	
Sample Date	05/01/1998		05/01/1998		05/11/1998		05/11/1998		05/18/1998		05/18/1998		05/29/1998		05/29/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		DIN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum					50 U	ug/l	370	ug/l	54	ug/l	50 U	ug/l				
Antimony					2	ug/l	2.4	ug/l	3.5	ug/l	3.4	ug/l				
Arsenic					2 U	ug/l	2 U	ug/l	1.1	ug/l	1 U	ug/l				
Barium					21	ug/l	30	ug/l	28	ug/l	26	ug/l				
Beryllium					0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l	1 U	ug/l				
Cadmium	4.1	ug/l	3.5	ug/l	3.1	ug/l	3.5	ug/l	4.5	ug/l	4.2	ug/l	5.2	ug/l	5.4	ug/l
Calcium					8200	ug/l	8700	ug/l	11000	ug/l	10000	ug/l				
Chromium					5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l				
Cobalt					10 U	ug/l	10 U	ug/l	5 U	ug/l	5 U	ug/l				
Copper					2 U	ug/l	5	ug/l	3 U	ug/l	3 U	ug/l				
Cyanide																
Iron					24	ug/l	750	ug/l	320	ug/l	47 U	ug/l				
Lead	120	ug/l	9	ug/l	5.3	ug/l	58	ug/l	33	ug/l	4.4	ug/l	55	ug/l	11	ug/l
Lithium																
Magnesium					2500	ug/l	2700	ug/l	3200	ug/l	3200	ug/l				
Manganese					120	ug/l	180	ug/l	190	ug/l	180	ug/l				
Mercury					0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l				
Molybdenum																
Nickel					20 U	ug/l	20 U	ug/l	5 U	ug/l	5 U	ug/l				
Potassium					2000 U	ug/l	2000 U	ug/l	520	ug/l	420	ug/l				
Selenium					2 U	ug/l	2 U	ug/l	1 U	ug/l	1 U	ug/l				
Silicon																
Silver					0.2 U	ug/l	0.2 U	ug/l	0.3 U	ug/l	0.3 U	ug/l				
Sodium					1600	ug/l	1700	ug/l	2100	ug/l	2100	ug/l				
Strontium																
Sulfur																
Thallium					0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.1 U	ug/l				
Titanium																
Uranium																
Vanadium					10 U	ug/l	10 U	ug/l	5 U	ug/l	5 U	ug/l				
Zinc	480	ug/l	420	ug/l	500	ug/l	570	ug/l	700	ug/l	670	ug/l	620	ug/l	630	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202279			202279			202299			202299			202364			202364			202380			202380		
Sample Date	07/27/1998			07/27/1998			08/25/1998			08/25/1998			09/23/1998			09/23/1998			09/29/1998			09/29/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	9.2		ug/l	9		ug/l	12		ug/l	11		ug/l	14		ug/l	14		ug/l	16		ug/l	16		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	26		ug/l	6		ug/l	44		ug/l	8		ug/l	35		ug/l	13		ug/l	28		ug/l	4		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1300		ug/l	1200		ug/l	2000		ug/l	1900		ug/l	2500		ug/l	2000		ug/l	2700		ug/l	2700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202399			202399			186995			186995			202414			202414			186996			186996		
Sample Date	10/08/1998			10/08/1998			10/26/1998			10/26/1998			10/27/1998			10/27/1998			11/17/1998			11/17/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	16		ug/l	15		ug/l	14		ug/l	11		ug/l	13		ug/l	13		ug/l	16		ug/l	15		ug/l
Calcium										23000		ug/l										25000		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	36		ug/l	7		ug/l	150		ug/l	14		ug/l	52		ug/l	8		ug/l	63		ug/l	5.7		ug/l
Lithium																								
Magnesium										7700		ug/l										8300		ug/l
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2500		ug/l	2500		ug/l	2300		ug/l	2100		ug/l	2100		ug/l	2000		ug/l	2100		ug/l	1900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186997			186997			202433			202433			186998			186998			186999			186999		
Sample Date	11/17/1998			11/17/1998			11/24/1998			11/24/1998			12/09/1998			12/09/1998			12/09/1998			12/09/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	15		ug/l	15		ug/l	17		ug/l	17		ug/l	13		ug/l	13		ug/l	13		ug/l	13		ug/l
Calcium				25000		ug/l										22000		ug/l				23000		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	61		ug/l	5.5		ug/l	35		ug/l	7		ug/l	34		ug/l	3.3		ug/l	32		ug/l	3.1		ug/l
Lithium																								
Magnesium				8400		ug/l										7300		ug/l				7800		ug/l
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																						1300		ug/l
Selenium																								
Silicon																								
Silver																								
Sodium																			12		ug/l	5600		ug/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	2000		ug/l	1900		ug/l	1800		ug/l	1800		ug/l	1800		ug/l	1800		ug/l	1800		ug/l	1900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187000			187000			202453			202453			202467			202467			187001			187002		
Sample Date	12/30/1998			12/30/1998			01/04/1999			01/04/1999			01/14/1999			01/14/1999			02/03/1999			02/08/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	6		ug/l	4.9		ug/l	8.6		ug/l	9.4		ug/l	8.8		ug/l	8.1		ug/l				11		ug/l
Calcium				10		ug/l													20		mg/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	200		ug/l	2.7		ug/l	23		ug/l	5		ug/l	51		ug/l	5		ug/l				16		ug/l
Lithium																								
Magnesium				2700		ug/l													6.8		mg/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																			1.1		mg/l			
Selenium																								
Silicon																								
Silver																								
Sodium																			4.9		mg/l			
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	700		ug/l	660		ug/l	1100		ug/l	1200		ug/l	1100		ug/l	1000		ug/l				1300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF271			SF271			SF271			SF271			SF271			SF271		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1			SF-8/SF-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187002			202488			202488			187003			187003			187004			187004			187005		
Sample Date	02/08/1999			02/22/1999			02/22/1999			03/09/1999			03/09/1999			04/13/1999			04/13/1999			04/20/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	11		ug/l	11		ug/l	10		ug/l	9		ug/l	8.7		ug/l	7		ug/l	6.2		ug/l	4		ug/l
Calcium	13000		ug/l										14000		ug/l				14000		ug/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	3.3		ug/l	15		ug/l	6		ug/l	15		ug/l	5.1		ug/l	21		ug/l	3.6		ug/l	190		ug/l
Lithium																								
Magnesium	4300		ug/l										4600		ug/l				4400		ug/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1200		ug/l	1400		ug/l	1500		ug/l	1200		ug/l	1300		ug/l	950		ug/l	980		ug/l	540		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271		SF271		SF271		SF271		SF271		SF271		SF271		SF271	
Location Cross Ref.	SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	187005		187006		187006		187007		187007		187008		187008		187009	
Sample Date	04/20/1999		05/06/1999		05/06/1999		05/25/1999		05/25/1999		05/27/1999		05/27/1999		06/02/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum							1400	ug/l	6.6	ug/l	620	ug/l	7.2	ug/l		
Antimony							8	ug/l	1.1	ug/l	5	ug/l	2.6	ug/l		
Arsenic							13	ug/l	1 U	ug/l			1 U	ug/l		
Barium							100	ug/l	14	ug/l						
Beryllium							4 U	ug/l	1 U	ug/l						
Cadmium	3	ug/l	4	ug/l	3.8	ug/l	5	ug/l	1.5	ug/l					3	ug/l
Calcium	7200	ug/l			9300	ug/l	5400	ug/l	4900	ug/l	5300	ug/l	5100	ug/l		
Chromium							1	ug/l	1 U	ug/l			1 U	ug/l		
Cobalt							3	ug/l	1 U	ug/l						
Copper							14	ug/l	1 U	ug/l			1.6	ug/l		
Cyanide																
Iron			340	ug/l	30	ug/l	5700	ug/l	13	ug/l			8	ug/l	1100	ug/l
Lead	5.4	ug/l	44	ug/l	5	ug/l	790	ug/l	4.6	ug/l			2.8	ug/l	130	ug/l
Lithium							10 U	ug/l								
Magnesium	2200	ug/l			2900	ug/l	1800	ug/l	1300	ug/l	1700	ug/l	1500	ug/l		
Manganese			140	ug/l	110	ug/l	650	ug/l	42	ug/l			49	ug/l	170	ug/l
Mercury							0.66	ug/l								
Molybdenum							1 U	ug/l	1 U	ug/l						
Nickel							3	ug/l	1 U	ug/l	2	ug/l	1 U	ug/l		
Potassium							700	ug/l	450	ug/l	400	ug/l	390	ug/l		
Selenium							1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l		
Silicon																
Silver							2	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l		
Sodium					2400	ug/l	1000	ug/l	990	ug/l	1300	ug/l	1300	ug/l		
Strontium							20	ug/l			20	ug/l				
Sulfur																
Thallium																
Titanium																
Uranium									1 U	ug/l						
Vanadium																
Zinc	450	ug/l	590	ug/l	600	ug/l	670	ug/l	230	ug/l	450	ug/l	270	ug/l	360	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271		SF271		SF271		SF271		SF271		SF271		SF271		SF271	
Location Cross Ref.	SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1		SF-8/SF-1	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	187009		202134		202134		202134		202135		202135		202135		202136	
Sample Date	06/02/1999		07/15/1999		07/15/1999		07/15/1999		08/09/1999		08/09/1999		08/09/1999		09/07/1999	
Sample Type	Environ. Sample		Field Duplicate		Field Duplicate		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		6010		D6010		D6010		6010		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	2.1	ug/l			5	ug/l	4.2	ug/l			8	ug/l	7.4	ug/l		
Calcium	5900	ug/l	11	mg/l					17	mg/l					32	mg/l
Chromium																
Cobalt																
Copper																
Cyanide																
Iron	14	ug/l														
Lead	3.6	ug/l			29	ug/l	6.7	ug/l			26	ug/l	7.9	ug/l		
Lithium																
Magnesium	1600	ug/l	3.3	mg/l					5.3	mg/l					10	mg/l
Manganese	62	ug/l														
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium	1300	ug/l	2.5	mg/l					5.3	mg/l					6.5	mg/l
Strontium	320	ug/l														
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	320	ug/l			660	ug/l	710	ug/l			1100	ug/l	1200	ug/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF271			SF271			SF620			SF622			SF623			SF630			SF631			SF632		
Location Cross Ref.	SF-8/SF-1			SF-8/SF-1			EFFLUENT-001A-1			PAGE STP EFFL			SMELT-001A			PLANT #6			KEEKO LIME POND			KEEKO MANHOLE		
Location Type	River/Stream			River/Stream			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			Outfall/Discharge			System Effluent			System Effluent		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER			(8) EPAREG10/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202136			202136			173214			173234			173235			173220			173223			173224		
Sample Date	09/07/1999			09/07/1999			04/04/1996			03/25/1998			03/26/1998			03/23/1998			03/23/1998			03/23/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony							5	U	ug/l	45	U	ug/l	45	U	ug/l	45	U	ug/l	90	U	ug/l	90	U	ug/l
Arsenic							5	U	ug/l	40	U	ug/l	40	U	ug/l	40	U	ug/l	80	U	ug/l	80	U	ug/l
Barium																								
Beryllium																								
Cadmium	8		ug/l	7.5		ug/l	5	U	ug/l	2	U	ug/l	15		ug/l	2	U	ug/l	130		ug/l	59		ug/l
Calcium										15000		ug/l	26000		ug/l	590000		ug/l	360000		ug/l	460000		ug/l
Chromium							5	U	ug/l															
Cobalt																								
Copper							6.4		ug/l	6.4		ug/l	5.7		ug/l	3	U	ug/l	6	U	ug/l	6	U	ug/l
Cyanide																								
Iron																								
Lead	19		ug/l	4.5		ug/l	32		ug/l	31	J	ug/l	25	U	ug/l	25	UJ	ug/l	50	UJ	ug/l	50	UJ	ug/l
Lithium																								
Magnesium										4100		ug/l	8800		ug/l	180000		ug/l	240000		ug/l	240000		ug/l
Manganese							150		ug/l	130		ug/l	390		ug/l	490		ug/l	210000		ug/l	170000		ug/l
Mercury							0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel																								
Potassium																								
Selenium										100	U	ug/l	100	U	ug/l	100	U	ug/l	200	U	ug/l	200	U	ug/l
Silicon																								
Silver							1	U	ug/l	4	U	ug/l	4	U	ug/l	4	U	ug/l	30	U	ug/l	14	U	ug/l
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1400		ug/l	1300		ug/l	480		ug/l	230		ug/l	2200		ug/l	59	J	ug/l	55000		ug/l	9500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 2 - South Fork - segment MidGradSeg02

Site Location	SF633			SF655			SF655	
Location Cross Ref.	KEEKO INFLUENT			USGS KELLOGG			USGS KELLOGG	
Location Type	System Effluent			River/Stream			River/Stream	
(Ref) Source/Lab	(8) EPAREG10/OTHER			(18) USGS/OTHER			(18) USGS/OTHER	
Matrix Type	Surface Water			Surface Water			Surface Water	
Depth Range in Ft.	-			-			-	
Sample Number	173225			186968			186968	
Sample Date	03/23/1998			05/25/1999			05/25/1999	
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample	
Analytical Method	6010			6010			D6010	
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum									
Antimony	90	U	ug/l						
Arsenic	100		ug/l						
Barium									
Beryllium									
Cadmium	160		ug/l	4		ug/l	1.5		ug/l
Calcium	230000		ug/l				5300		ug/l
Chromium									
Cobalt									
Copper	160		ug/l						
Cyanide									
Iron				5300		ug/l	7.9		ug/l
Lead	680	J	ug/l	720		ug/l	4.6		ug/l
Lithium									
Magnesium	280000		ug/l				1400		ug/l
Manganese	260000		ug/l	690		ug/l	19		ug/l
Mercury	0.2	U	ug/l						
Molybdenum									
Nickel									
Potassium									
Selenium	200	U	ug/l						
Silicon									
Silver	50	U	ug/l						
Sodium							1100		ug/l
Strontium									
Sulfur									
Thallium									
Titanium									
Uranium									
Vanadium									
Zinc	96000		ug/l	670		ug/l	190		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg01

Site Location	CUA0676			CUA06811			CUA06812			CUA06813			CUA06813			CUA06814			CUA06815			CUA06911		
Location Cross Ref.	67-6DW			68-11S/W.5			68-12S/W.5			68-13S/W.5			68-13S/W.5			68-14S/W.5			68-15S/W.5			69-11S/W.5		
Location Type	Spigot/Faucet			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(10) URS/SWRI			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS		
Matrix Type	Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46603			47582			47583			47584			47585			47586			47587			47588		
Sample Date	07/29/1998			08/26/1998			08/26/1998			08/26/1998			08/26/1998			08/26/1998			08/26/1998			08/26/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	570		ug/l	1400		ug/l	2100		ug/l	3300		ug/l	3800		ug/l	3200		ug/l	3500		ug/l
Antimony	0.3	U	ug/l	4	U	ug/l	7.7	U	ug/l	6.6	U	ug/l	9.8	U	ug/l	8.8	U	ug/l	9.2	U	ug/l	9.9	U	ug/l
Arsenic	1.7	U	ug/l	5.2		ug/l	18		ug/l	17		ug/l	27		ug/l	28		ug/l	27		ug/l	24		ug/l
Barium	5	U	ug/l	42		ug/l	73		ug/l	84		ug/l	120		ug/l	97		ug/l	120		ug/l	150		ug/l
Beryllium	1	U	ug/l	0.2	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.7	U	ug/l	0.3	U	ug/l	0.5	U	ug/l	0.4	U	ug/l
Cadmium	1	U	ug/l	8.2		ug/l	34		ug/l	29		ug/l	51		ug/l	41		ug/l	31		ug/l	55		ug/l
Calcium	33000		ug/l	12000		ug/l	13000		ug/l	13000		ug/l	14000		ug/l	13000		ug/l	13000		ug/l	14000		ug/l
Chromium	5	U	ug/l	0.9	J	ug/l	2.5	J	ug/l	2	J	ug/l	4	J	ug/l	3.6	J	ug/l	3.4	J	ug/l	3.1	J	ug/l
Cobalt	5	U	ug/l	1.5	J	ug/l	4.6	J	ug/l	3.1	J	ug/l	7.1		ug/l	3.5	J	ug/l	9.4		ug/l	20		ug/l
Copper	5	U	ug/l	6		ug/l	24		ug/l	21		ug/l	46		ug/l	39		ug/l	30		ug/l	33		ug/l
Cyanide																								
Iron	20	U	ug/l	3700		ug/l	18000		ug/l	18000		ug/l	31000		ug/l	24000		ug/l	20000		ug/l	20000		ug/l
Lead	2.9		ug/l	250		ug/l	1100		ug/l	940		ug/l	1700		ug/l	1600		ug/l	1200		ug/l	1400		ug/l
Lithium																								
Magnesium	12000		ug/l	4800		ug/l	5100		ug/l	5400		ug/l	5900		ug/l	5700		ug/l	5600		ug/l	5400		ug/l
Manganese	5.2	J	ug/l	580		ug/l	2300		ug/l	1500		ug/l	3200		ug/l	1500		ug/l	4700		ug/l	9400		ug/l
Mercury	0.2	UJ	ug/l	0.13	J	ug/l	0.12	J	ug/l	0.18	J	ug/l	0.29		ug/l	0.76		ug/l	0.21		ug/l	0.53		ug/l
Molybdenum																								
Nickel	5	U	ug/l	4.4	U	ug/l	6	U	ug/l	4.4	U	ug/l	12	U	ug/l	8.4	U	ug/l	8.8	U	ug/l	16	U	ug/l
Potassium	1800		ug/l	930		ug/l	1100		ug/l	1300		ug/l	1300		ug/l	1300		ug/l	1300		ug/l	1500		ug/l
Selenium	1	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.37	J	ug/l	0.37	J	ug/l	0.36	U	ug/l	0.37	J	ug/l	0.36	U	ug/l
Silicon																								
Silver	5	U	ug/l	4.3	U	ug/l	4.3	U	ug/l	4.3	U	ug/l	6.1	J	ug/l	4.3	U	ug/l	4.4	J	ug/l	4.3	U	ug/l
Sodium	18000		ug/l	2800		ug/l	2800		ug/l	2800		ug/l	2800		ug/l	2700		ug/l	2800		ug/l	2800		ug/l
Strontium																								
Sulfur																								
Thallium	0.4	U	ug/l	0.31	U	ug/l	0.03	U	ug/l	0.2	U	ug/l	0.11	U	ug/l	0.1	U	ug/l	0.097	U	ug/l	0.13	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	2.6	U	ug/l	3.7	J	ug/l	2.6	J	ug/l	5.1	J	ug/l	5.9	J	ug/l	3.3	J	ug/l	3.3	J	ug/l
Zinc	680		ug/l	730		ug/l	1900		ug/l	1800		ug/l	2600		ug/l	2800		ug/l	2300		ug/l	4800		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg01

Site Location	CUA06912		CUA06913		CUA06913		CUA06914		CUA06915	
Location Cross Ref.	69-12S/W.5		69-13S/W.5		69-13S/W.5		69-14S/W.5		69-15S/W.5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-	
Sample Number	47589		47590		47591		47592		47593	
Sample Date	08/26/1998		08/26/1998		08/26/1998		08/26/1998		08/26/1998	
Sample Type	Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	1800	ug/l	430	ug/l	710	ug/l	1500	ug/l	340	ug/l
Antimony	7 U	ug/l	3.3 U	ug/l	4.8 U	ug/l	7.6 U	ug/l	3.2 U	ug/l
Arsenic	15	ug/l	4.5	ug/l	8.6	ug/l	18	ug/l	3.5	ug/l
Barium	110	ug/l	41	ug/l	53	ug/l	100	ug/l	40	ug/l
Beryllium	0.4 U	ug/l	0.3 U	ug/l	0.3 U	ug/l	0.4 U	ug/l	0.4 U	ug/l
Cadmium	37	ug/l	6	ug/l	8.8	ug/l	30	ug/l	5.6	ug/l
Calcium	13000	ug/l	12000	ug/l	13000	ug/l	13000	ug/l	12000	ug/l
Chromium	2 J	ug/l	0.81 U	ug/l	1.2 J	ug/l	2.4 J	ug/l	1.8 J	ug/l
Cobalt	13	ug/l	1.4 J	ug/l	2.4 J	ug/l	10	ug/l	1.4 J	ug/l
Copper	21	ug/l	3.9 J	ug/l	8.5	ug/l	20	ug/l	3 J	ug/l
Cyanide										
Iron	10000	ug/l	2400	ug/l	5100	ug/l	1900	ug/l	1900	ug/l
Lead	720	ug/l	150	ug/l	340	ug/l	720	ug/l	140	ug/l
Lithium										
Magnesium	4800	ug/l	4300	ug/l	4400	ug/l	4700	ug/l	4200	ug/l
Manganese	6500	ug/l	740	ug/l	1300	ug/l	5100	ug/l	680	ug/l
Mercury	0.22	ug/l	0.1 U	ug/l	0.14 J	ug/l	0.1 U	ug/l	0.12 J	ug/l
Molybdenum										
Nickel	6.4 U	ug/l	4.4 U	ug/l	5.8 U	ug/l	7.7 U	ug/l	4.4 U	ug/l
Potassium	1400	ug/l	840	ug/l	1000	ug/l	1100	ug/l	950	ug/l
Selenium	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 J	ug/l	0.36 U	ug/l
Silicon										
Silver	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l
Sodium	2800	ug/l	2700	ug/l	2800	ug/l	2800	ug/l	2700	ug/l
Strontium										
Sulfur										
Thallium	0.03 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.03 U	ug/l
Titanium										
Uranium										
Vanadium	2.6 U	ug/l	2.6 U	ug/l	2.6 U	ug/l	2.6 U	ug/l	2.6 U	ug/l
Zinc	3200	ug/l	670	ug/l	900	ug/l	2700	ug/l	800	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	CUA0561		CUA0562		CUA0563		CUA0564		CUA0565		CUA05711		CUA05711		CUA05712	
Location Cross Ref.	56-1U01		56-2U01		56-3U01		56-4U01		56-5U01		57-11S/W.5		57-11S/W.5		57-12S/W.5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47864		47865		47866		47867		47868		47875		47876		47877	
Sample Date	09/01/1998		09/01/1998		09/01/1998		09/01/1998		09/01/1998		09/01/1998		09/01/1998		09/01/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	7300	ug/l	6800	ug/l	11000	ug/l	2400	ug/l	3200	ug/l	880	ug/l	2500	ug/l	4600	ug/l
Antimony	19 J	ug/l	11	ug/l	23 J	ug/l	11	ug/l	12	ug/l	13	ug/l	13 J	ug/l	22 J	ug/l
Arsenic	110 J	ug/l	34 J	ug/l	140 J	ug/l	27 J	ug/l	33 J	ug/l	37 J	ug/l	36 J	ug/l	130 J	ug/l
Barium	250	ug/l	93 J	ug/l	500	ug/l	130 J	ug/l	71 J	ug/l	9.5 J	ug/l	13 J	ug/l	150 J	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1.4	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1.3	ug/l
Cadmium	20 J	ug/l	17	ug/l	73 J	ug/l	17	ug/l	14	ug/l	8.6	ug/l	21 J	ug/l	53 J	ug/l
Calcium	17000	ug/l	15000	ug/l	22000	ug/l	14000	ug/l	14000	ug/l	16000	ug/l	20000	ug/l	30000	ug/l
Chromium	11	ug/l	5.7 J	ug/l	21	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	8.9 J	ug/l	18	ug/l
Cobalt	0.2 J	ug/l	0.3 J	ug/l	22	ug/l	5 U	ug/l	5.2 J	ug/l	5 U	ug/l	8.7 J	ug/l	17 J	ug/l
Copper	140	ug/l	57	ug/l	300	ug/l	40	ug/l	54	ug/l	44	ug/l	120	ug/l	280	ug/l
Cyanide																
Iron	130000	ug/l	49000	ug/l	250000	ug/l	36000	ug/l	51000	ug/l	96000	ug/l	210000	ug/l	410000	ug/l
Lead	11000	ug/l	4700	ug/l	26000	ug/l	3200	ug/l	4000	ug/l	5800	ug/l	14000	ug/l	39000	ug/l
Lithium																
Magnesium	11000	ug/l	7300	ug/l	16000	ug/l	6600	ug/l	7100	ug/l	8700	ug/l	14000	ug/l	23000	ug/l
Manganese	13000	ug/l	4800	ug/l	27000	ug/l	3600	ug/l	5400	ug/l	12000	ug/l	25000	ug/l	51000	ug/l
Mercury	9 J	ug/l	1.7 J	ug/l	6.9 J	ug/l	1.2 J	ug/l	1.2 J	ug/l	1.7 J	ug/l	3.9 J	ug/l	5.5 J	ug/l
Molybdenum																
Nickel	10 J	ug/l	8.1 J	ug/l	23	ug/l	5 U	ug/l	5.6 J	ug/l	5 U	ug/l	8.5 J	ug/l	16 J	ug/l
Potassium	1800	ug/l	1400	ug/l	2300	ug/l	1200	ug/l	1300	ug/l	1100	ug/l	1300	ug/l	1500	ug/l
Selenium	1.1 J	ug/l	1 U	ug/l	2.3 J	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	2 J	ug/l
Silicon																
Silver	18	ug/l	6.8 J	ug/l	34	ug/l	5 U	ug/l	6.5 J	ug/l	5 U	ug/l	12	ug/l	25	ug/l
Sodium	3200	ug/l	3100	ug/l	3200	ug/l	3100	ug/l	3100	ug/l	2800	ug/l	2800	ug/l	2900	ug/l
Strontium																
Sulfur																
Thallium	0.42 J	ug/l	0.4 U	ug/l	0.64 J	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	54 J	ug/l
Titanium																
Uranium																
Vanadium	11 J	ug/l	6.8 J	ug/l	18 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	10 J	ug/l
Zinc	4000	ug/l	2200	ug/l	10000	ug/l	2000	ug/l	2500	ug/l	2200	ug/l	5300	ug/l	11000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	CUA05713			CUA05714			CUA05715			CUA05811			CUA05812			CUA05813			CUA05813			CUA05814		
Location Cross Ref.	57-13S/W.5			57-14S/W.5			57-15S/W.5			58-11S/W.5			58-12S/W.5			58-13S/W.5			58-13S/W.5			58-14S/W.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	47878			47879			47880			47594			47595			47596			47597			47598		
Sample Date	09/01/1998			09/01/1998			09/01/1998			08/27/1998			08/27/1998			08/27/1998			08/27/1998			08/27/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	3600		ug/l	4300		ug/l	3500		ug/l	2100	J	ug/l	1200	J	ug/l	2400	J	ug/l	1900	J	ug/l	35000	J	ug/l
Antimony	22	J	ug/l	27	J	ug/l	25	J	ug/l	14	J	ug/l	10	J	ug/l	13	J	ug/l	9.6	J	ug/l	19	J	ug/l
Arsenic	130	J	ug/l	140	J	ug/l	110	J	ug/l	59		ug/l	33		ug/l	53		ug/l	39		ug/l	120		ug/l
Barium	160	J	ug/l	150	J	ug/l	230		ug/l	160	J	ug/l	84	J	ug/l	130	J	ug/l	110	J	ug/l	1400	J	ug/l
Beryllium	1.2		ug/l	1.1		ug/l	1.1		ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	3.1		ug/l
Cadmium	47	J	ug/l	40	J	ug/l	54	J	ug/l	42	J	ug/l	17		ug/l	45	J	ug/l	26		ug/l	410	J	ug/l
Calcium	30000		ug/l	27000		ug/l	26000		ug/l	21000		ug/l	15000		ug/l	22000		ug/l	16000		ug/l	38000		ug/l
Chromium	18		ug/l	16		ug/l	16		ug/l	5.6	J	ug/l	5	U	ug/l	6.8	J	ug/l	5	U	ug/l	46		ug/l
Cobalt	16	J	ug/l	15		ug/l	16	J	ug/l	8.2	J	ug/l	5	U	ug/l	7.9	J	ug/l	5.2	J	ug/l	46	J	ug/l
Copper	230		ug/l	240		ug/l	240		ug/l	160	J	ug/l	60	J	ug/l	150	J	ug/l	74	J	ug/l	750	J	ug/l
Cyanide																								
Iron	450000		ug/l	330000		ug/l	410000		ug/l	110000	J	ug/l	89000	J	ug/l	130000	J	ug/l	77000	J	ug/l	440000	J	ug/l
Lead	34000		ug/l	30000		ug/l	28000		ug/l	23000		ug/l	7600		ug/l	22000		ug/l	9300		ug/l	59000		ug/l
Lithium																								
Magnesium	24000		ug/l	20000		ug/l	22000		ug/l	10000	J	ug/l	8400	J	ug/l	11000	J	ug/l	8300	J	ug/l	29000	J	ug/l
Manganese	56000		ug/l	41000		ug/l	50000		ug/l	14000	J	ug/l	11000	J	ug/l	17000	J	ug/l	9200	J	ug/l	46000	J	ug/l
Mercury	4.5	J	ug/l	5.4	J	ug/l	4.9	J	ug/l	1.7		ug/l	0.4		ug/l	2.3		ug/l	0.69		ug/l	17		ug/l
Molybdenum																								
Nickel	15	J	ug/l	14	J	ug/l	13	J	ug/l	8.4	J	ug/l	5	U	ug/l	8.2	J	ug/l	5.5	J	ug/l	62		ug/l
Potassium	1400		ug/l	1400		ug/l	1300		ug/l	1200		ug/l	1000		ug/l	1100		ug/l	1100		ug/l	3900		ug/l
Selenium	1.5	J	ug/l	1.9	J	ug/l	1.7	J	ug/l	1.4	J	ug/l	1	U	ug/l	1.3	J	ug/l	1	U	ug/l	5.4	J	ug/l
Silicon																								
Silver	19		ug/l	15		ug/l	18		ug/l	13	J	ug/l	6.3	J	ug/l	9.7	J	ug/l	6.4	J	ug/l	84	J	ug/l
Sodium	2800		ug/l	3000		ug/l	3000		ug/l	2700		ug/l	2600		ug/l	2600		ug/l	2500		ug/l	3000		ug/l
Strontium																								
Sulfur																								
Thallium	0.51	J	ug/l	0.6	J	ug/l	0.57	J	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.48	J	ug/l
Titanium																								
Uranium																								
Vanadium	8.6	J	ug/l	9	J	ug/l	7.9	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	50	J	ug/l
Zinc	11000		ug/l	8700		ug/l	11000		ug/l	7200	J	ug/l	3400	J	ug/l	7500	J	ug/l	4600	J	ug/l	40000	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	CUA05815		CUA05911		CUA05912		CUA05913		CUA05913		CUA05914		CUA05915		CUA06011	
Location Cross Ref.	58-15S/W.5		59-11S/W.5		59-12S/W.5		59-13S/W.5		59-13S/W.5		59-14S/W.5		59-15S/W.5		60-11S/W.5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47599		47729		47730		47731		47734		47732		47733		47735	
Sample Date	08/27/1998		08/15/1998		08/15/1998		08/15/1998		08/15/1998		08/15/1998		08/15/1998		08/15/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	5800 J	ug/l	2900	ug/l	2900	ug/l	10000	ug/l	31000	ug/l	2700	ug/l	3900	ug/l	6300	ug/l
Antimony	28 J	ug/l	15	ug/l	11	ug/l	17 J	ug/l	21 J	ug/l	21 J	ug/l	19 J	ug/l	25 J	ug/l
Arsenic	130	ug/l	34 J	ug/l	45 J	ug/l	71 J	ug/l	170 J	ug/l	27 J	ug/l	110 J	ug/l	150 J	ug/l
Barium	340 J	ug/l	120 J	ug/l	130 J	ug/l	520	ug/l	1400	ug/l	230	ug/l	200	ug/l	420	ug/l
Beryllium	1.1	ug/l	1 U	ug/l	1 U	ug/l	1.4	ug/l	4.6	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	85 J	ug/l	25	ug/l	12	ug/l	60 J	ug/l	210 J	ug/l	30 J	ug/l	58 J	ug/l	120 J	ug/l
Calcium	27000	ug/l	13000	ug/l	13000	ug/l	17000	ug/l	30000	ug/l	16000	ug/l	21000	ug/l	23000	ug/l
Chromium	13	ug/l	5 U	ug/l	5 U	ug/l	14	ug/l	41	ug/l	5 U	ug/l	6.7 J	ug/l	9.2 J	ug/l
Cobalt	16	ug/l	5.6 J	ug/l	5 U	ug/l	17	ug/l	64	ug/l	5.2 J	ug/l	9.4 J	ug/l	12	ug/l
Copper	290 J	ug/l	72	ug/l	50	ug/l	310	ug/l	1200	ug/l	170	ug/l	220	ug/l	320	ug/l
Cyanide																
Iron	260000 J	ug/l	37000	ug/l	45000	ug/l	150000	ug/l	390000	ug/l	110000	ug/l	120000	ug/l	160000	ug/l
Lead	35000	ug/l	4800 J	ug/l	2900 J	ug/l	21000 J	ug/l	73000 J	ug/l	19000 J	ug/l	27000 J	ug/l	40000 J	ug/l
Lithium																
Magnesium	17000 J	ug/l	6500	ug/l	6600	ug/l	12000	ug/l	25000	ug/l	9400	ug/l	11000	ug/l	13000	ug/l
Manganese	31000 J	ug/l	4700	ug/l	4300	ug/l	17000	ug/l	47000	ug/l	13000	ug/l	15000	ug/l	18000	ug/l
Mercury	5.7	ug/l	1.8	ug/l	2.2	ug/l	7.3	ug/l	32	ug/l	4.1	ug/l	2.5	ug/l	5.4	ug/l
Molybdenum																
Nickel	16 J	ug/l	5 U	ug/l	5 U	ug/l	17 J	ug/l	50	ug/l	6.2 J	ug/l	11 J	ug/l	15 J	ug/l
Potassium	1600	ug/l	1500	ug/l	1400	ug/l	1800	ug/l	3000	ug/l	1200	ug/l	1400	ug/l	1700	ug/l
Selenium	1.9 J	ug/l	1 U	ug/l	1 U	ug/l	2.2 J	ug/l	6.5 J	ug/l	1.2 J	ug/l	1.7 J	ug/l	2.2 J	ug/l
Silicon																
Silver	29 J	ug/l	7.8 J	ug/l	5 U	ug/l	22	ug/l	81	ug/l	14	ug/l	18	ug/l	25	ug/l
Sodium	2600	ug/l	2600	ug/l	2600	ug/l	2600	ug/l	2900	ug/l	2500	ug/l	2500	ug/l	2600	ug/l
Strontium																
Sulfur																
Thallium	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.41 J	ug/l	1.2 J	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l
Titanium																
Uranium																
Vanadium	11	ug/l	5 U	ug/l	5 U	ug/l	13	ug/l	37	ug/l	5 U	ug/l	6.5 J	ug/l	9 J	ug/l
Zinc	13000 J	ug/l	3300	ug/l	1900	ug/l	9000	ug/l	31000	ug/l	5300	ug/l	9300	ug/l	13000	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	CUA06012		CUA06013		CUA06014		CUA06015		CUA06311		CUA06312		CUA06313		CUA06313	
Location Cross Ref.	60-12S/W.5		60-13S/W.5		60-14S/W.5		60-15S/W.5		63-11S/W.5		63-12S/W.5		63-13S/W.5		63-13S/W.5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47736		47737		47738		47739		47811		47812		47813		47814	
Sample Date	08/15/1998		08/15/1998		08/15/1998		08/15/1998		08/28/1998		08/28/1998		08/28/1998		08/28/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	8600	ug/l	8100	ug/l	64000	ug/l	5900 J	ug/l	4300 J	ug/l	3100 J	ug/l	1900 J	ug/l	2200 J	ug/l
Antimony	20 J	ug/l	17	ug/l	1.7 J	ug/l	24 J	ug/l	6.4 J	ug/l	12 J	ug/l	22 J	ug/l	27 J	ug/l
Arsenic	130 J	ug/l	60 J	ug/l	26 J	ug/l	140	ug/l	6.8	ug/l	9.1	ug/l	2.6	ug/l	3.7	ug/l
Barium	410	ug/l	210	ug/l	510	ug/l	280 J	ug/l	170 J	ug/l	210 J	ug/l	160 J	ug/l	190 J	ug/l
Beryllium	1.2	ug/l	1 U	ug/l	3	ug/l	2.4	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	81 J	ug/l	44	ug/l	37 J	ug/l	26 J	ug/l	9.6	ug/l	16	ug/l	7.3	ug/l	8.5	ug/l
Calcium	23000	ug/l	15000	ug/l	20000	ug/l	16000	ug/l	12000	ug/l	12000	ug/l	12000	ug/l	12000	ug/l
Chromium	13	ug/l	9.7 J	ug/l	72	ug/l	9.1 J	ug/l	6.2 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	19	ug/l	12	ug/l	26	ug/l	9.7 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	290	ug/l	130	ug/l	130	ug/l	180 J	ug/l	39 J	ug/l	70 J	ug/l	140 J	ug/l	140 J	ug/l
Cyanide																
Iron	170000	ug/l	64000	ug/l	140000	ug/l	170000 J	ug/l	28000 J	ug/l	37000 J	ug/l	40000 J	ug/l	40000 J	ug/l
Lead	32000 J	ug/l	10000 J	ug/l	3800 J	ug/l	21000	ug/l	2300	ug/l	5300	ug/l	12000	ug/l	9400	ug/l
Lithium																
Magnesium	13000	ug/l	8400	ug/l	33000	ug/l	13000 J	ug/l	6100 J	ug/l	5900 J	ug/l	5400 J	ug/l	5500 J	ug/l
Manganese	19000	ug/l	6300	ug/l	3900	ug/l	20000 J	ug/l	2600 J	ug/l	4900 J	ug/l	2400 J	ug/l	2500 J	ug/l
Mercury	5	ug/l	3.6	ug/l	1.3	ug/l	11	ug/l	1.2	ug/l	2.6	ug/l	5.7	ug/l	7.8	ug/l
Molybdenum																
Nickel	19 J	ug/l	13 J	ug/l	61	ug/l	10 J	ug/l	6 J	ug/l	5.3 J	ug/l	5 U	ug/l	5 U	ug/l
Potassium	1800	ug/l	1600	ug/l	4500	ug/l	1500	ug/l	1300	ug/l	1200	ug/l	970	ug/l	1100	ug/l
Selenium	2.8 J	ug/l	1.4 J	ug/l	3.5 J	ug/l	2.1 J	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Silicon																
Silver	30	ug/l	15	ug/l	5 U	ug/l	18 J	ug/l	5 U	ug/l	9.2 J	ug/l	24 J	ug/l	21 J	ug/l
Sodium	2600	ug/l	2600	ug/l	3000	ug/l	2500	ug/l	2600	ug/l	2500	ug/l	2500	ug/l	2500	ug/l
Strontium																
Sulfur																
Thallium	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l
Titanium																
Uranium																
Vanadium	14	ug/l	11	ug/l	85	ug/l	7 J	ug/l	5.7 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	14000	ug/l	5900	ug/l	6000	ug/l	5000 J	ug/l	1600 J	ug/l	2300 J	ug/l	2000 J	ug/l	2000 J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	CUA06314			CUA06315			CUA0651			CUA0651			CUA0652			CUA0653			CUA0654			CUA0655		
Location Cross Ref.	63-14S/W.5			63-15S/W.5			65-1S/W.5			65-1S/W.5			65-2S/W.5			65-3S/W.5			65-4S/W.5			65-5S/W.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(10) URS/SWRI			(10) URS/SWRI			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	47815			47816			47897			47898			47899			47900			47901			47902		
Sample Date	08/28/1998			08/28/1998			09/10/1998			09/10/1998			09/10/1998			09/10/1998			09/10/1998			09/10/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	3700	J	ug/l	3400	J	ug/l	1200		ug/l	1500		ug/l	1700		ug/l	810		ug/l	2100		ug/l	3900		ug/l
Antimony	15	J	ug/l	12	J	ug/l	6.9	U	ug/l	6.1	U	ug/l	8	U	ug/l	4.6	U	ug/l	5.1	U	ug/l	9.7	U	ug/l
Arsenic	38		ug/l	8.2		ug/l	21		ug/l	22		ug/l	25		ug/l	12		ug/l	23		ug/l	62		ug/l
Barium	120	J	ug/l	150	J	ug/l	76		ug/l	79		ug/l	96		ug/l	61		ug/l	91		ug/l	140		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	0.4	U	ug/l	0.6	U	ug/l	0.6	U	ug/l	0.3	U	ug/l	0.5	U	ug/l	1.2	U	ug/l
Cadmium	15		ug/l	9.5		ug/l	15		ug/l	20		ug/l	25		ug/l	8.9		ug/l	26		ug/l	65		ug/l
Calcium	12000		ug/l	12000		ug/l	13000		ug/l	13000		ug/l	13000		ug/l	12000		ug/l	13000		ug/l	13000		ug/l
Chromium	5.2	J	ug/l	5	U	ug/l	1.5	J	ug/l	1.8	J	ug/l	2.1	J	ug/l	0.94	J	ug/l	1.8	J	ug/l	4.7	J	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	3.6	J	ug/l	4	J	ug/l	6.1		ug/l	2	J	ug/l	2.2	J	ug/l	6.3		ug/l
Copper	76	J	ug/l	59	J	ug/l	40		ug/l	46		ug/l	69		ug/l	22		ug/l	56		ug/l	210		ug/l
Cyanide																								
Iron	30000	J	ug/l	32000	J	ug/l	23000		ug/l	36000		ug/l	49000		ug/l	9100		ug/l	14000		ug/l	44000		ug/l
Lead	3800		ug/l	3300		ug/l	2900		ug/l	3700		ug/l	4900		ug/l	2000		ug/l	2300		ug/l	8400		ug/l
Lithium																								
Magnesium	5700	J	ug/l	6000	J	ug/l	5300		ug/l	5800		ug/l	6100		ug/l	4600		ug/l	5300		ug/l	6500		ug/l
Manganese	2600	J	ug/l	3200	J	ug/l	2700		ug/l	4200		ug/l	6400		ug/l	1100		ug/l	1500		ug/l	4600		ug/l
Mercury	2.8		ug/l	2.8		ug/l	0.91	J	ug/l	0.66	J	ug/l	1.4	J	ug/l	0.53	J	ug/l	1	J	ug/l	3	J	ug/l
Molybdenum																								
Nickel	6.6	J	ug/l	5	U	ug/l	4.4	U	ug/l	4.4	U	ug/l	9.5	J	ug/l	4.4	U	ug/l	6.6	J	ug/l	11	J	ug/l
Potassium	1200		ug/l	1200		ug/l	1200		ug/l	1000		ug/l	1200		ug/l	960		ug/l	1100		ug/l	1200		ug/l
Selenium	1	U	ug/l	1	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.49	U	ug/l
Silicon																								
Silver	7.9	J	ug/l	8.4	J	ug/l	4.3	UJ	ug/l	4.3	UJ	ug/l	4.3	UJ	ug/l	4.3	UJ	ug/l	4.3	UJ	ug/l	4.3	UJ	ug/l
Sodium	2600		ug/l	2600		ug/l	3000		ug/l	2800		ug/l	3100		ug/l	2800		ug/l	2900		ug/l	2800		ug/l
Strontium																								
Sulfur																								
Thallium	0.4	U	ug/l	0.4	U	ug/l	0.12	U	ug/l	0.11	U	ug/l	0.11	U	ug/l	0.03	U	ug/l	0.23	U	ug/l	0.48	J	ug/l
Titanium																								
Uranium																								
Vanadium	5.3	J	ug/l	5	U	ug/l	4.9	U	ug/l	4.3	U	ug/l	7.3	U	ug/l	3.9	U	ug/l	7.1	U	ug/l	12	U	ug/l
Zinc	2000	J	ug/l	1600	J	ug/l	1900		ug/l	2100		ug/l	2700		ug/l	1300		ug/l	2700		ug/l	6100		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55			LC55			LC55			LC55			LC55			LC55			LC55			LC55		
Location Cross Ref.	USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210062			210063			210064			210065			210066			210067			210068			210069		
Sample Date	03/05/1994			03/17/1994			04/07/1994			04/12/1994			04/19/1994			05/10/1994			06/16/1994			07/20/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.9		ug/l	0.97		ug/l	0.02		ug/l	0.97		ug/l	1.9		ug/l	0.97		ug/l	1.9		ug/l	1.9		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	12		ug/l	6		ug/l	4.4		ug/l	4.5		ug/l	13		ug/l	4.1		ug/l	3.2		ug/l	5.1		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	270		ug/l	230		ug/l	150		ug/l	170		ug/l	210		ug/l	190		ug/l	380		ug/l	440		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55			LC55			LC55			LC55			LC55			LC55			LC55			LC55		
Location Cross Ref.	USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210070			210071			210072			210073			210074			210075			210076			210077		
Sample Date	08/16/1994			09/19/1994			10/06/1994			11/22/1994			12/16/1994			01/12/1995			03/07/1995			03/23/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.9		ug/l	1.9		ug/l	2.2		ug/l	3.4		ug/l	2.5		ug/l	2		ug/l	1.2		ug/l	1.3		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	6.3		ug/l	3.7		ug/l	1.5		ug/l	1.5		ug/l	1.5		ug/l	3		ug/l	4		ug/l	5		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	460		ug/l	540		ug/l	610		ug/l	580		ug/l	460		ug/l	220		ug/l	230		ug/l	180		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55			LC55			LC55			LC55			LC55			LC55			LC55			LC55		
Location Cross Ref.	USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210078			210079			210080			210081			210082			210083			210084			210085		
Sample Date	04/14/1995			04/25/1995			05/11/1995			05/24/1995			06/12/1995			06/28/1995			07/12/1995			07/26/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.4		ug/l	1.4		ug/l	1.5		ug/l	1.5		ug/l	1.5		ug/l	1.7		ug/l	1.9		ug/l	2.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1.5		ug/l	5		ug/l	7		ug/l	7		ug/l	7		ug/l	6		ug/l	10		ug/l	7		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	190		ug/l	200		ug/l	170		ug/l	210		ug/l	260		ug/l	320		ug/l	380		ug/l	500		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55			LC55			LC55			LC55			LC55			LC55			LC55			LC55		
Location Cross Ref.	USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210086			210087			210208			210209			210210			210211			210212			210213		
Sample Date	08/15/1995			09/14/1995			10/18/1995			11/21/1995			12/28/1995			01/18/1996			02/28/1996			03/27/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.2		ug/l	1.9		ug/l	2.8		ug/l	1.5		ug/l	1.8		ug/l	1.4		ug/l	1.8		ug/l	1.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	4		ug/l	5		ug/l	5		ug/l	3		ug/l	6		ug/l	5		ug/l	8		ug/l	10		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	490		ug/l	480		ug/l	460		ug/l	230		ug/l	320		ug/l	170		ug/l	310		ug/l	270		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55			LC55			LC55			LC55			LC55			LC55			LC55			LC55		
Location Cross Ref.	USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210214			210215			210216			210217			210218			210219			186014			186014		
Sample Date	04/18/1996			05/09/1996			06/20/1996			07/23/1996			08/21/1996			09/26/1996			10/29/1996			10/29/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.97		ug/l	1.5		ug/l	1.7		ug/l	2.5		ug/l	2.5		ug/l	2.2		ug/l	0.0023		mg/l	0.0023		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	6		ug/l	7		ug/l	8		ug/l	5		ug/l	5		ug/l	5		ug/l	0.01		mg/l	0.003		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	190		ug/l	250		ug/l	370		ug/l	650		ug/l	620		ug/l	640		ug/l	0.45		mg/l	0.46		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55			LC55			LC55			LC55			LC55			LC55			LC55			LC55		
Location Cross Ref.	USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186026			186026			186042			186042			186059			186059			186078			186078		
Sample Date	11/26/1996			11/26/1996			12/13/1996			12/13/1996			01/29/1997			01/29/1997			02/21/1997			02/21/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0033		mg/l	0.0035		mg/l	0.0045		mg/l	0.0048		mg/l	0.0024		mg/l	0.0022		mg/l	0.0029		mg/l	0.0036		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.01		mg/l	0.003		mg/l	0.021		mg/l	0.006		mg/l	0.011		mg/l	0.004		mg/l	0.046		mg/l	0.008		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.61		mg/l	0.61		mg/l	0.49		mg/l	0.52		mg/l	0.43		mg/l	0.43		mg/l	0.33		mg/l	0.34		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55			LC55			LC55			LC55			LC55			LC55			LC55			LC55		
Location Cross Ref.	USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186098			186098			186118			186118			186138			186158			186158			186178		
Sample Date	03/26/1997			03/26/1997			04/16/1997			04/16/1997			05/16/1997			06/24/1997			06/24/1997			07/24/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0017		mg/l	0.0016		mg/l	0.001		mg/l	0.001		mg/l	1.6		ug/l	0.0014		mg/l	0.0015		mg/l	0.0018		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.024		mg/l	0.007		mg/l	0.008		mg/l	0.006		mg/l	300		ug/l	0.017		mg/l	0.008		mg/l	0.02		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.25		mg/l	0.24		mg/l	0.2		mg/l	0.21		mg/l	300		ug/l	0.28		mg/l	0.28		mg/l	0.37		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55			LC55			LC55			LC55			LC55			LC55			LC55			LC55		
Location Cross Ref.	USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186178			186198			186198			186218			186218			186239			186239			186258		
Sample Date	07/24/1997			08/13/1997			08/13/1997			09/01/1997			09/01/1997			10/16/1997			10/16/1997			11/24/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0019		mg/l	0.0023		mg/l	0.0023		mg/l	0.0026		mg/l	0.0029		mg/l	0.0026		mg/l	0.0026		mg/l	0.0018		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.007		mg/l	0.023		mg/l	0.009		mg/l	0.023		mg/l	0.008		mg/l	0.01		mg/l	0.003		mg/l	0.009		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.38		mg/l	0.51		mg/l	0.51		mg/l	0.52		mg/l	0.55		mg/l	0.52		mg/l	0.52		mg/l	0.34		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55			LC55			LC55			LC55			LC55			LC55			LC55			LC55		
Location Cross Ref.	USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186258			186277			186277			186296			186296			186315			186315			186334		
Sample Date	11/24/1997			12/17/1997			12/17/1997			01/21/1998			01/21/1998			02/25/1998			02/25/1998			03/19/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0016		mg/l	0.0023		mg/l	0.0021		mg/l	0.0027		mg/l	0.0025		mg/l	0.0016		mg/l	0.0016		mg/l	0.0013		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.003		mg/l	0.04		mg/l	0.007		mg/l	0.01		mg/l	0.006		mg/l	0.009		mg/l	0.004		mg/l	0.0025		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.34		mg/l	0.48		mg/l	0.46		mg/l	0.4		mg/l	0.4		mg/l	0.26		mg/l	0.27		mg/l	0.21		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55			LC55			LC55			LC55			LC55			LC55			LC55			LC55		
Location Cross Ref.	USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186334			186353			186353			202243			202243			202253			202253			202278		
Sample Date	03/19/1998			04/23/1998			04/23/1998			05/28/1998			05/28/1998			06/24/1998			06/24/1998			07/27/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0012		mg/l	0.0012		mg/l	0.0009		mg/l	1.6		ug/l	1.2		ug/l	2.1		ug/l	2.2		ug/l	2.2		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.006		mg/l	0.042		mg/l	0.004		mg/l	64		ug/l	8		ug/l	11		ug/l	4		ug/l	26		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.19		mg/l	0.18		mg/l	0.16		mg/l	200		ug/l	180		ug/l	320		ug/l	310		ug/l	370		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55			LC55			LC55			LC55			LC55			LC55			LC55			LC55		
Location Cross Ref.	USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202278			202298			202298			202375			202375			187025			187025			202425		
Sample Date	07/27/1998			08/25/1998			08/25/1998			09/23/1998			09/23/1998			10/23/1998			10/23/1998			10/26/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.2		ug/l	2.2		ug/l	1.9		ug/l	3		ug/l	2.2		ug/l	3		ug/l	2.5		ug/l	2.9		ug/l
Calcium																			9900		ug/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	12		ug/l	21		ug/l	5		ug/l	8		ug/l	4		ug/l	9		ug/l	4		ug/l	12		ug/l
Lithium																								
Magnesium																			3800		ug/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	350		ug/l	440		ug/l	460		ug/l	520		ug/l	510		ug/l	500		ug/l	530		ug/l	630		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55			LC55			LC55			LC55			LC55			LC55			LC55			LC55		
Location Cross Ref.	USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202425			187026			187026			187027			187027			202444			202444			187028		
Sample Date	10/26/1998			11/16/1998			11/16/1998			11/16/1998			11/16/1998			11/24/1998			11/24/1998			12/14/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.9		ug/l	3		ug/l	2.3		ug/l	3		ug/l	2.3		ug/l	2.7		ug/l	2.7		ug/l	3		ug/l
Calcium							8600		ug/l				8600		ug/l									
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	3		ug/l	26		ug/l	2.9		ug/l	25		ug/l	2.2		ug/l	28		ug/l	6		ug/l	14		ug/l
Lithium																								
Magnesium							3100		ug/l				3000		ug/l									
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	630		ug/l	420		ug/l	460		ug/l	420		ug/l	430		ug/l	360		ug/l	360		ug/l	690		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55			LC55			LC55			LC55			LC55			LC55			LC55			LC55		
Location Cross Ref.	USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187028			202459			202459			202480			202480			202501			202501			202519		
Sample Date	12/14/1998			01/04/1999			01/04/1999			01/14/1999			01/14/1999			02/23/1999			02/23/1999			03/09/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.4		ug/l	1.5		ug/l	1.6		ug/l	1.4		ug/l	1.9		ug/l	2.4		ug/l	2.3		ug/l	2		ug/l
Calcium	7200		ug/l																					
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1.5		ug/l	8		ug/l	3		ug/l	9		ug/l	3		ug/l	9		ug/l	4		ug/l	10		ug/l
Lithium																								
Magnesium	2700		ug/l																					
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	390		ug/l	210		ug/l	220		ug/l	240		ug/l	240		ug/l	370		ug/l	370		ug/l	270		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55		LC55		LC55		LC55		LC55		LC55		LC55		LC55	
Location Cross Ref.	USGS ROSE LAKE		USGS ROSE LAKE		USGS ROSE LAKE		USGS ROSE LAKE		USGS ROSE LAKE		USGS ROSE LAKE		USGS ROSE LAKE		USGS ROSE LAKE	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	202519		187029		187029		187030		187030		187031		187031		187032	
Sample Date	03/09/1999		03/23/1999		03/23/1999		04/21/1999		04/21/1999		05/06/1999		05/06/1999		05/26/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		6010		D6010		6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	2.4	ug/l	1	ug/l	1	ug/l	1 U	ug/l	1 U	ug/l	1	ug/l	0.001	mg/l	2	ug/l
Calcium					4400	ug/l			3700	ug/l			4.5	mg/l		
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	3 U	ug/l	49	ug/l	2.2	ug/l	67	ug/l	2	ug/l	11	ug/l	0.0022	mg/l	230	ug/l
Lithium																
Magnesium					1600	ug/l			1400	ug/l			1.7	mg/l		
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium													1.2	mg/l		
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	260	ug/l	180	ug/l	150	ug/l	140	ug/l	97	ug/l	120	ug/l	0.11	mg/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55			LC55			LC55			LC55			LC55			LC55			LC55			LC55		
Location Cross Ref.	USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187032			187032			187032			202164			202164			202164			202165			202165		
Sample Date	05/26/1999			05/26/1999			05/26/1999			06/17/1999			06/17/1999			06/17/1999			07/07/1999			07/07/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			D6010			6010			D6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	U	ug/l										0.89		ug/l	1	U	ug/l				1.5		ug/l
Calcium				3.1		mg/l				4		mg/l							6.8		mg/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron				2.2		mg/l	20		ug/l															
Lead	4.7		ug/l										36		ug/l	4		ug/l				8.5		ug/l
Lithium																								
Magnesium				1.1		mg/l				1.3		mg/l							2.2		mg/l			
Manganese				0.21		mg/l	31		ug/l															
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium				0.85		mg/l				0.95		mg/l							1.5		mg/l			
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	78		ug/l										130		ug/l	110		ug/l				240		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC55			LC55			LC55			LC55			LC55			LC55			LC2918		
Location Cross Ref.	USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			USGS ROSE LAKE			ROSE-1		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(14) UOFI/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-		
Sample Number	202165			202166			202166			202166			202167			202167			191071		
Sample Date	07/07/1999			08/11/1999			08/11/1999			08/11/1999			09/02/1999			09/02/1999			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			6010			D6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																					
Antimony																					
Arsenic																			5		ug/l
Barium																					
Beryllium																					
Cadmium	1		ug/l				2.1		ug/l	2		ug/l				2.4		ug/l	2		ug/l	6		ug/l
Calcium				9.5		mg/l							12		mg/l									
Chromium																								
Cobalt																								
Copper																						8		ug/l
Cyanide																								
Iron																								
Lead	3		ug/l				24		ug/l	5		ug/l				18		ug/l	6		ug/l	5		ug/l
Lithium																								
Magnesium				3.2		mg/l							4.2		mg/l									
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium				2.2		mg/l							2.9		mg/l									
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	240		ug/l				310		ug/l	320		ug/l				400		ug/l	410		ug/l	320		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg02

Site Location	LC2918
Location Cross Ref.	ROSE-1
Location Type	Lake/Pond/Open Reservo
(Ref) Source/Lab	(14) UOFI/OTHER
Matrix Type	Surface Water
Depth Range in Ft.	-
Sample Number	191072
Sample Date	*
Sample Type	Field Duplicate
Analytical Method	6010

Analyte	Value	Q	Unit
Aluminum			
Antimony			
Arsenic	7		ug/l
Barium			
Beryllium			
Cadmium	3		ug/l
Calcium			
Chromium			
Cobalt			
Copper	6		ug/l
Cyanide			
Iron			
Lead	7		ug/l
Lithium			
Magnesium			
Manganese			
Mercury			
Molybdenum			
Nickel			
Potassium			
Selenium			
Silicon			
Silver			
Sodium			
Strontium			
Sulfur			
Thallium			
Titanium			
Uranium			
Vanadium			
Zinc	430		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg03

Site Location	CUA0506			CUA05111			CUA05112			CUA05113			CUA05114			CUA05115			CUA05211			CUA05212		
Location Cross Ref.	50-6DW			51-11S/W.05			51-12S/W.05			51-13S/W.05			51-14S/W.05			51-15S/W.05			52-11S/W.5			52-12S/W.5		
Location Type	Spigot/Faucet			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(10) URS/SWRI			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/SWRI			(10) URS/SWRI		
Matrix Type	Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	47728			47845			47846			47847			47848			47849			47834			47835		
Sample Date	08/13/1998			08/31/1998			08/31/1998			08/31/1998			08/31/1998			08/31/1998			08/30/1998			08/30/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	3900		ug/l	2500		ug/l	2300		ug/l	2500		ug/l	18000		ug/l	5000	J	ug/l	2900	J	ug/l
Antimony	0.3	U	ug/l	17		ug/l	16		ug/l	21		ug/l	18		ug/l	21		ug/l	22	J	ug/l	27	J	ug/l
Arsenic	4.3	J	ug/l	56		ug/l	57		ug/l	71		ug/l	67		ug/l	110		ug/l	140		ug/l	160		ug/l
Barium	5	U	ug/l	140		ug/l	130		ug/l	140		ug/l	120		ug/l	500		ug/l	280		ug/l	140	J	ug/l
Beryllium	1	U	ug/l	0.7	U	ug/l	0.7	U	ug/l	1	U	ug/l	1	U	ug/l	2.8		ug/l	1	U	ug/l	1	U	ug/l
Cadmium	1	U	ug/l	34		ug/l	48		ug/l	49		ug/l	46		ug/l	110		ug/l	60	J	ug/l	41	J	ug/l
Calcium	17000		ug/l	19000		ug/l	23000		ug/l	22000		ug/l	24000		ug/l	28000		ug/l	23000		ug/l	20000		ug/l
Chromium	5	U	ug/l	3.9	J	ug/l	3.2	J	ug/l	2.7	J	ug/l	3.3	J	ug/l	15		ug/l	11		ug/l	23		ug/l
Cobalt	5	U	ug/l	11	J	ug/l	12	J	ug/l	11	J	ug/l	13	J	ug/l	26	J	ug/l	15		ug/l	14		ug/l
Copper	5	U	ug/l	140		ug/l	180		ug/l	170		ug/l	170		ug/l	360		ug/l	240		ug/l	170		ug/l
Cyanide																								
Iron	110		ug/l	220000		ug/l	240000		ug/l	260000		ug/l	280000		ug/l	270000		ug/l	160000		ug/l	140000		ug/l
Lead	3.4	J	ug/l	21000		ug/l	29000		ug/l	27000		ug/l	28000		ug/l	52000		ug/l	32000		ug/l	24000		ug/l
Lithium																								
Magnesium	9600		ug/l	13000	J	ug/l	14000	J	ug/l	14000	J	ug/l	16000	J	ug/l	17000	J	ug/l	12000		ug/l	11000		ug/l
Manganese	80		ug/l	28000		ug/l	32000		ug/l	34000		ug/l	37000		ug/l	30000		ug/l	20000		ug/l	18000		ug/l
Mercury	0.2	U	ug/l	1.4		ug/l	1.9		ug/l	3		ug/l	2.7		ug/l	11		ug/l	3.7		ug/l	3		ug/l
Molybdenum																								
Nickel	5	U	ug/l	18	U	ug/l	20	U	ug/l	15	U	ug/l	19	U	ug/l	44		ug/l	17	J	ug/l	51		ug/l
Potassium	1800		ug/l	1400		ug/l	1400		ug/l	1400		ug/l	1300		ug/l	2300		ug/l	1400		ug/l	1200		ug/l
Selenium	1	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.52	J	ug/l	1.1	J	ug/l	1.7	J	ug/l	1.3	J	ug/l
Silicon																								
Silver	5	U	ug/l	9.2	J	ug/l	6.4	J	ug/l	5.1	J	ug/l	4.3	UJ	ug/l	28	J	ug/l	18		ug/l	9.9	J	ug/l
Sodium	9000		ug/l	2600		ug/l	3300		ug/l	2500		ug/l	2500		ug/l	2700		ug/l	2900		ug/l	2700		ug/l
Strontium																								
Sulfur																								
Thallium	0.4	U	ug/l	0.21	U	ug/l	0.22	U	ug/l	0.2	U	ug/l	0.21	U	ug/l	0.63	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	2.6	UJ	ug/l	2.6	UJ	ug/l	2.6	UJ	ug/l	2.6	UJ	ug/l	26		ug/l	9.4	U	ug/l	6	U	ug/l
Zinc	2600		ug/l	6300		ug/l	8400		ug/l	8800		ug/l	7700		ug/l	17000		ug/l	9500		ug/l	6700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg03

Site Location	CUA05213		CUA05214		CUA05215		CUA05311		CUA05311		CUA05312		CUA05313		CUA05314	
Location Cross Ref.	52-13S/W.5		52-14S/W.5		52-15S/W.5		53-11S/W.5		53-11S/W.5		53-12S/W.5		53-13S/W.5		53-14S/W.5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47836		47837		47838		47828		47829		47830		47831		47832	
Sample Date	08/30/1998		08/30/1998		08/30/1998		08/30/1998		08/30/1998		08/30/1998		08/30/1998		08/30/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	3200 J	ug/l	11000 J	ug/l	2700 J	ug/l	1900 J	ug/l	1800 J	ug/l	2700 J	ug/l	9400 J	ug/l	2700 J	ug/l
Antimony	18 J	ug/l	16	ug/l	21 J	ug/l	16 J	ug/l	21 J	ug/l	2 J	ug/l	28 J	ug/l	22	ug/l
Arsenic	110	ug/l	110	ug/l	66	ug/l	64	ug/l	110	ug/l	120	ug/l	150	ug/l	120	ug/l
Barium	210	ug/l	320	ug/l	210	ug/l	110 J	ug/l	180 J	ug/l	140 J	ug/l	350	ug/l	150 J	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1.1	ug/l	1 U	ug/l
Cadmium	49 J	ug/l	85	ug/l	47 J	ug/l	35 J	ug/l	27 J	ug/l	45 J	ug/l	140 J	ug/l	42	ug/l
Calcium	28000	ug/l	14000	ug/l	18000	ug/l	22000	ug/l	20000	ug/l	23000	ug/l	19000	ug/l	21000	ug/l
Chromium	9.8 J	ug/l	13	ug/l	7.2 J	ug/l	6.9 J	ug/l	8.7 J	ug/l	8.8 J	ug/l	17	ug/l	5.8 J	ug/l
Cobalt	13	ug/l	10	ug/l	9 J	ug/l	9.4 J	ug/l	7.5 J	ug/l	11	ug/l	14	ug/l	8.7 J	ug/l
Copper	230	ug/l	220	ug/l	190	ug/l	170	ug/l	120	ug/l	190	ug/l	320	ug/l	200	ug/l
Cyanide																
Iron	170000	ug/l	87000	ug/l	120000	ug/l	150000	ug/l	220000	ug/l	180000	ug/l	160000	ug/l	88000	ug/l
Lead	40000	ug/l	11000	ug/l	20000	ug/l	30000	ug/l	21000	ug/l	26000	ug/l	25000	ug/l	27000	ug/l
Lithium																
Magnesium	13000	ug/l	9200	ug/l	9900	ug/l	12000	ug/l	14000	ug/l	13000	ug/l	12000	ug/l	9100	ug/l
Manganese	21000	ug/l	7000	ug/l	15000	ug/l	19000	ug/l	27000	ug/l	22000	ug/l	17000	ug/l	11000	ug/l
Mercury	3.4	ug/l	3.9	ug/l	3.1	ug/l	1.5	ug/l	2.5	ug/l	3.3	ug/l	8.2	ug/l	1.6	ug/l
Molybdenum																
Nickel	14 J	ug/l	18 J	ug/l	10 J	ug/l	9.6 J	ug/l	7.7 J	ug/l	12 J	ug/l	20 J	ug/l	11 J	ug/l
Potassium	1300	ug/l	1700	ug/l	1100	ug/l	1200	ug/l	1000	ug/l	1300	ug/l	1700	ug/l	1200	ug/l
Selenium	1.4 J	ug/l	2.1 J	ug/l	1.1 J	ug/l	1.2 J	ug/l	1 U	ug/l	1.4 J	ug/l	2.7 J	ug/l	1.5 J	ug/l
Silicon																
Silver	14	ug/l	15	ug/l	13	ug/l	11	ug/l	13	ug/l	12	ug/l	27	ug/l	9.5 J	ug/l
Sodium	2600	ug/l	2600	ug/l	2600	ug/l	2600	ug/l	2500	ug/l	2500	ug/l	2600	ug/l	2500	ug/l
Strontium																
Sulfur																
Thallium	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l
Titanium																
Uranium																
Vanadium	5.5 U	ug/l	14 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	17 U	ug/l	5 U	ug/l
Zinc	8700	ug/l	8900	ug/l	7000	ug/l	7000	ug/l	5800	ug/l	7700	ug/l	13000	ug/l	7500	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg03

Site Location	CUA05315			CUA05411			CUA05412			CUA05413			CUA05414			CUA05415			CUA05511			CUA05512		
Location Cross Ref.	53-15S/W.5			54-11S/W.5			54-12S/W.5			54-13S/W.5			54-14S/W.5			54-15S/W.5			55-11S/W.5			55-12S/W.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	47833			47823			47824			47825			47826			47827			47817			47818		
Sample Date	08/30/1998			08/29/1998			08/29/1998			08/29/1998			08/29/1998			08/29/1998			08/29/1998			08/29/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	12000	J	ug/l	2600	J	ug/l	1200	J	ug/l	4600	J	ug/l	2800	J	ug/l	4100	J	ug/l	8800	J	ug/l	5000	J	ug/l
Antimony	40	J	ug/l	20	J	ug/l	16	J	ug/l	28	J	ug/l	19	J	ug/l	19	J	ug/l	22	J	ug/l	28	J	ug/l
Arsenic	44		ug/l	70		ug/l	36		ug/l	160		ug/l	71		ug/l	66		ug/l	120		ug/l	180		ug/l
Barium	1600		ug/l	160	J	ug/l	120	J	ug/l	350	J	ug/l	300	J	ug/l	340	J	ug/l	670	J	ug/l	350	J	ug/l
Beryllium	1.1		ug/l	1	U	ug/l	1	U	ug/l	1.1		ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	140		ug/l	24		ug/l	16		ug/l	68	J	ug/l	42	J	ug/l	34	J	ug/l	95	J	ug/l	84	J	ug/l
Calcium	18000		ug/l	16000		ug/l	14000		ug/l	24000		ug/l	21000		ug/l	15000		ug/l	21000		ug/l	23000		ug/l
Chromium	18	J	ug/l	5.8	J	ug/l	5	U	ug/l	12		ug/l	8.4	J	ug/l	7.3	J	ug/l	15		ug/l	9.9	J	ug/l
Cobalt	18		ug/l	7.5	J	ug/l	5	U	ug/l	15		ug/l	11		ug/l	8.2	J	ug/l	16		ug/l	12		ug/l
Copper	460		ug/l	120	J	ug/l	59	J	ug/l	270	J	ug/l	180	J	ug/l	91	J	ug/l	260	J	ug/l	260	J	ug/l
Cyanide																								
Iron	230000		ug/l	92000	J	ug/l	79000	J	ug/l	260000	J	ug/l	170000	J	ug/l	110000	J	ug/l	230000	J	ug/l	170000	J	ug/l
Lead	46000		ug/l	12000		ug/l	6300		ug/l	29000		ug/l	25000		ug/l	9300		ug/l	24000		ug/l	31000		ug/l
Lithium																								
Magnesium	16000		ug/l	8300	J	ug/l	7600	J	ug/l	16000	J	ug/l	12000	J	ug/l	9000	J	ug/l	16000	J	ug/l	13000	J	ug/l
Manganese	24000		ug/l	11000	J	ug/l	9500	J	ug/l	31000	J	ug/l	21000	J	ug/l	12000	J	ug/l	26000	J	ug/l	19000	J	ug/l
Mercury	17		ug/l	2.2		ug/l	0.93		ug/l	3.9		ug/l	1.2		ug/l	3.2		ug/l	5		ug/l	4.7		ug/l
Molybdenum																								
Nickel	24		ug/l	7.5	J	ug/l	5	U	ug/l	15	J	ug/l	10	J	ug/l	9.3	J	ug/l	20	J	ug/l	14	J	ug/l
Potassium	2100		ug/l	1200		ug/l	990		ug/l	1500		ug/l	1300		ug/l	1300		ug/l	2000		ug/l	1600		ug/l
Selenium	2.5	J	ug/l	1.3	J	ug/l	1	U	ug/l	2	J	ug/l	1.2	J	ug/l	1	U	ug/l	1.7	J	ug/l	2.1	J	ug/l
Silicon																								
Silver	76		ug/l	11	J	ug/l	5.7	J	ug/l	25	J	ug/l	16	J	ug/l	12	J	ug/l	36	J	ug/l	35	J	ug/l
Sodium	2700		ug/l	2600		ug/l	2800		ug/l	2700		ug/l	2700		ug/l	2600		ug/l	2700		ug/l	2600		ug/l
Strontium																								
Sulfur																								
Thallium	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Titanium																								
Uranium																								
Vanadium	18	U	ug/l	5	U	ug/l	5	U	ug/l	9.1	J	ug/l	5.6	J	ug/l	6.7	J	ug/l	13		ug/l	8.2	J	ug/l
Zinc	22000		ug/l	4800	J	ug/l	3200	J	ug/l	13000	J	ug/l	8400	J	ug/l	5100	J	ug/l	16000	J	ug/l	13000	J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg03

Site Location	CUA05513			CUA05513			CUA05514			CUA05515		
Location Cross Ref.	55-13S/W.5			55-13S/W.5			55-14S/W.5			55-15S/W.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-		
Sample Number	47819			47820			47821			47822		
Sample Date	08/29/1998			08/29/1998			08/29/1998			08/29/1998		
Sample Type	Environ. Sample			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	4300	J	ug/l	2200	J	ug/l	1300	J	ug/l	4800	J	ug/l
Antimony	20	J	ug/l	18		ug/l	12		ug/l	21	J	ug/l
Arsenic	62		ug/l	50		ug/l	36		ug/l	67		ug/l
Barium	340		ug/l	75	J	ug/l	85	J	ug/l	180	J	ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	59	J	ug/l	39		ug/l	16		ug/l	35	J	ug/l
Calcium	19000		ug/l	16000		ug/l	14000		ug/l	16000		ug/l
Chromium	11		ug/l	5.1	J	ug/l	5	U	ug/l	9.8	J	ug/l
Cobalt	11		ug/l	5.8	J	ug/l	5	U	ug/l	9.4	J	ug/l
Copper	150		ug/l	110		ug/l	58		ug/l	130		ug/l
Cyanide												
Iron	240000		ug/l	82000		ug/l	76000		ug/l	150000		ug/l
Lead	18000		ug/l	17000		ug/l	7500		ug/l	14000		ug/l
Lithium												
Magnesium	14000		ug/l	8000		ug/l	7300		ug/l	11000		ug/l
Manganese	27000		ug/l	10000		ug/l	9100		ug/l	18000		ug/l
Mercury	1.9		ug/l	3.3		ug/l	1.3		ug/l	3.9		ug/l
Molybdenum												
Nickel	13	J	ug/l	6.7	J	ug/l	5.9	J	ug/l	11	J	ug/l
Potassium	1300		ug/l	1000		ug/l	870		ug/l	1300		ug/l
Selenium	1.4	J	ug/l	1.2	J	ug/l	1	U	ug/l	1.1	J	ug/l
Silicon												
Silver	21		ug/l	6.6	J	ug/l	6.4	J	ug/l	20		ug/l
Sodium	2500		ug/l	2500		ug/l	2500		ug/l	2500		ug/l
Strontium												
Sulfur												
Thallium	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Titanium												
Uranium												
Vanadium	7	U	ug/l	5	U	ug/l	5	U	ug/l	8.1	U	ug/l
Zinc	10000		ug/l	4900		ug/l	3200		ug/l	5700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg04

Site Location	CUA0411		CUA0412		CUA0413		CUA0414		CUA0415		CUA0415		CUA0451		CUA0452	
Location Cross Ref.	41-1S/W.5		41-2S/W.5		41-3S/W.5		41-4S/W.5		41-5S/W.5		41-5S/W.5		45-1S/W.5		45-2S/W.5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/LAUCKS		(10) URS/LAUCKS	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47869		47870		47871		47872		47873		47874		47886		47887	
Sample Date	09/02/1998		09/02/1998		09/02/1998		09/02/1998		09/02/1998		09/02/1998		09/09/1998		09/09/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	10000	ug/l	12000	ug/l	15000	ug/l	16000	ug/l	9800	ug/l	14000	ug/l	1500	ug/l	320	ug/l
Antimony	12	ug/l	12 J	ug/l	13 J	ug/l	8.7	ug/l	5.5	ug/l	5.8	ug/l	6.8 U	ug/l	2.9 U	ug/l
Arsenic	35 J	ug/l	32 J	ug/l	32 J	ug/l	17 J	ug/l	8.3 J	ug/l	9.3 J	ug/l	36	ug/l	6.1	ug/l
Barium	400	ug/l	500	ug/l	610	ug/l	470	ug/l	230	ug/l	300	ug/l	130	ug/l	45	ug/l
Beryllium	1	ug/l	1.1	ug/l	1.5	ug/l	1.4	ug/l	1 U	ug/l	1 U	ug/l	0.6 U	ug/l	0.5 U	ug/l
Cadmium	66	ug/l	52 J	ug/l	60 J	ug/l	38	ug/l	9.5	ug/l	12	ug/l	8.8	ug/l	2.4 U	ug/l
Calcium	18000	ug/l	18000	ug/l	18000	ug/l	17000	ug/l	14000	ug/l	15000	ug/l	10000	ug/l	11000	ug/l
Chromium	16	ug/l	19	ug/l	24	ug/l	21	ug/l	11	ug/l	16	ug/l	2.3 J	ug/l	0.35 U	ug/l
Cobalt	17	ug/l	21	ug/l	26	ug/l	21	ug/l	5 U	ug/l	0.6 J	ug/l	4.4 J	ug/l	0.75 U	ug/l
Copper	140	ug/l	180	ug/l	230	ug/l	140	ug/l	48	ug/l	69	ug/l	43	ug/l	6	ug/l
Cyanide																
Iron	93000	ug/l	130000	ug/l	160000	ug/l	93000	ug/l	28000	ug/l	42000	ug/l	110000	ug/l	4000	ug/l
Lead	8200	ug/l	11000	ug/l	16000	ug/l	9000	ug/l	1900	ug/l	2700	ug/l	5600	ug/l	460	ug/l
Lithium																
Magnesium	11000	ug/l	12000	ug/l	14000	ug/l	12000	ug/l	9100	ug/l	11000	ug/l	6900	ug/l	4000	ug/l
Manganese	10000	ug/l	14000	ug/l	16000	ug/l	9400	ug/l	1400	ug/l	2400	ug/l	14000	ug/l	470	ug/l
Mercury	4.3 J	ug/l	4.1 J	ug/l	6.8 J	ug/l	3.7 J	ug/l	1.1 J	ug/l	1.8 J	ug/l	0.84 J	ug/l	0.15 J	ug/l
Molybdenum																
Nickel	18 J	ug/l	20	ug/l	27	ug/l	21	ug/l	0.5 J	ug/l	3.6 J	ug/l	4.4 U	ug/l	4.4 U	ug/l
Potassium	2000	ug/l	2000	ug/l	2500	ug/l	2300	ug/l	2100	ug/l	2400	ug/l	1100	ug/l	930	ug/l
Selenium	1.4 J	ug/l	1.5 J	ug/l	2.1 J	ug/l	1.1 J	ug/l	1 U	ug/l	1 U	ug/l	0.36 U	ug/l	0.36 U	ug/l
Silicon																
Silver	13	ug/l	25	ug/l	27	ug/l	15	ug/l	5 U	ug/l	6.3 J	ug/l	4.3 UJ	ug/l	4.3 U	ug/l
Sodium	3000	ug/l	2900	ug/l	3000	ug/l	3000	ug/l	3000	ug/l	3200	ug/l	2100	ug/l	2900	ug/l
Strontium																
Sulfur																
Thallium	0.4 U	ug/l	0.4 U	ug/l	0.42 J	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.12 U	ug/l	0.03 U	ug/l
Titanium																
Uranium																
Vanadium	22	ug/l	25 J	ug/l	31 J	ug/l	35	ug/l	17	ug/l	23	ug/l	8 U	ug/l	2.6 U	ug/l
Zinc	5600	ug/l	11000	ug/l	8500	ug/l	4100	ug/l	1200	ug/l	1800	ug/l	1800	ug/l	480	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg04

Site Location	CUA0452			CUA0453			CUA0454			CUA0455			CUA0476			CUA0477			CUA0478			CUA0479		
Location Cross Ref.	45-2S/W.5			45-3S/W.5			45-4S/W.5			45-5S/W.5			47-6S/W.5			47-7S/W.5			47-8S			47-9S		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	47888			47889			47890			47891			47801			47802			47803			47804		
Sample Date	09/09/1998			09/09/1998			09/09/1998			09/09/1998			08/09/1998			08/09/1998			08/09/1998			08/09/1998		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	550		ug/l	440		ug/l	2800		ug/l	1600		ug/l	960	J	ug/l	1000	J	ug/l	1100	J	ug/l	480	J	ug/l
Antimony	3.3	U	ug/l	3.7	U	ug/l	6.2	U	ug/l	3.8	U	ug/l	6.7		ug/l	21		ug/l	4.1	J	ug/l	5.5		ug/l
Arsenic	8.4		ug/l	8.5		ug/l	39		ug/l	11		ug/l	57		ug/l				17		ug/l	25		ug/l
Barium	49		ug/l	50		ug/l	150		ug/l	79		ug/l	59	J	ug/l	110	J	ug/l	63	J	ug/l	89	J	ug/l
Beryllium	0.3	U	ug/l	0.3	U	ug/l	0.9	U	ug/l	0.2	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	3.5		ug/l	3.7		ug/l	23		ug/l	7.4		ug/l	7.6		ug/l	14		ug/l	4.6		ug/l	2.8		ug/l
Calcium	10000		ug/l	10000		ug/l	14000		ug/l	11000		ug/l	5700		ug/l	9100		ug/l	9000		ug/l	8200		ug/l
Chromium	0.53	U	ug/l	0.82	J	ug/l	2.8	J	ug/l	1	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	1.3	J	ug/l	1.1	J	ug/l	14		ug/l	3.5	J	ug/l	5	U	ug/l	5.3	J	ug/l	5	U	ug/l	5	U	ug/l
Copper	11		ug/l	9.7		ug/l	68		ug/l	24		ug/l	17		ug/l	45		ug/l	11		ug/l	7.9	J	ug/l
Cyanide																								
Iron	5800		ug/l	6800		ug/l	87000		ug/l	8100		ug/l	24000	J	ug/l	46000	J	ug/l	12000	J	ug/l	11000	J	ug/l
Lead	780		ug/l	860		ug/l	6500		ug/l	1300		ug/l										450		ug/l
Lithium																								
Magnesium	3800		ug/l	3700		ug/l	8100		ug/l	4200		ug/l	2800		ug/l	4500		ug/l	3800		ug/l	3300		ug/l
Manganese	610		ug/l	820		ug/l	11000		ug/l	880		ug/l	2300		ug/l	4800		ug/l	1300		ug/l	1100		ug/l
Mercury	0.24	UJ	ug/l	0.97	J	ug/l	1.2	J	ug/l	0.49	UJ	ug/l	0.55		ug/l	1.7		ug/l	0.26		ug/l	0.23		ug/l
Molybdenum																								
Nickel	4.4	U	ug/l	4.4	U	ug/l	13	J	ug/l	4.5	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium	880	U	ug/l	800	U	ug/l	1200		ug/l	930		ug/l	790		ug/l	850		ug/l	970		ug/l	750		ug/l
Selenium	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.32	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver	4.3	UJ	ug/l	4.3	UJ	ug/l	4.3	UJ	ug/l	4.3	UJ	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	2600		ug/l	2600		ug/l	2800		ug/l	2800		ug/l	1800		ug/l	2000		ug/l	2100		ug/l	2000		ug/l
Strontium																								
Sulfur																								
Thallium	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Titanium																								
Uranium																								
Vanadium	3.9	U	ug/l	4	U	ug/l	14	U	ug/l	8	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	670		ug/l	590		ug/l	3600		ug/l	1300		ug/l	680		ug/l	1600		ug/l	600		ug/l	450		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg04

Site Location	CUA04710			CUA04811			CUA04812			CUA04813			CUA04814			CUA04814			CUA04815			CUA04911		
Location Cross Ref.	47-10S			48-11S/W.5			48-12S/W.5			48-13S/W.5			48-14S/W.5			48-14S/W.5			48-15S/W.5			49-11S/W.5		
Location Type	Lake/Pond/Open Reservo			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/LAUCKS		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	47805			47700			47806			47807			47808			47809			47810			47839		
Sample Date	08/09/1998			08/15/1998			08/15/1998			08/15/1998			08/15/1998			08/15/1998			08/15/1998			08/31/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	2000	J	ug/l	6300		ug/l	28000		ug/l	120000		ug/l	8300		ug/l	6000		ug/l	17000		ug/l	6100		ug/l
Antimony	13		ug/l	27	J	ug/l	25	J	ug/l	27	J	ug/l	24		ug/l	27	J	ug/l	26	J	ug/l	16		ug/l
Arsenic	140		ug/l	130	J	ug/l	260	J	ug/l	600	J	ug/l	110	J	ug/l	250	J	ug/l	180	J	ug/l	69		ug/l
Barium	150	J	ug/l	290		ug/l	960		ug/l	3300		ug/l	310		ug/l	490		ug/l	990		ug/l	240		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	2.1		ug/l	9.1		ug/l	1	U	ug/l	1	U	ug/l	1.7		ug/l	0.9	U	ug/l
Cadmium	16		ug/l	57	J	ug/l	340	J	ug/l	1200	J	ug/l	43		ug/l	66	J	ug/l	170	J	ug/l	69		ug/l
Calcium	9800		ug/l	18000		ug/l	23000		ug/l	51000		ug/l	15000		ug/l	24000		ug/l	32000		ug/l	18000		ug/l
Chromium	5	U	ug/l	10		ug/l	35		ug/l	150	J	ug/l	10		ug/l	10		ug/l	24		ug/l	5.1		ug/l
Cobalt	7	J	ug/l	11		ug/l	34		ug/l	160	J	ug/l	9.6	J	ug/l	16		ug/l	31		ug/l	10	J	ug/l
Copper	43		ug/l	200		ug/l	540		ug/l	2800		ug/l	160		ug/l	250		ug/l	520		ug/l	160		ug/l
Cyanide																								
Iron	52000	J	ug/l	120000		ug/l	250000		ug/l	1000000		ug/l	75000		ug/l	180000		ug/l	300000		ug/l	230000		ug/l
Lead				17000	J	ug/l	36000	J	ug/l	82000	J	ug/l	13000	J	ug/l	28000	J	ug/l	45000	J	ug/l	21000		ug/l
Lithium																								
Magnesium	5200		ug/l	10000		ug/l	19000		ug/l	62000		ug/l	8500		ug/l	13000		ug/l	20000		ug/l	13000	J	ug/l
Manganese	5300		ug/l	13000		ug/l	23000		ug/l	85000		ug/l	7000		ug/l	21000		ug/l	32000		ug/l	27000		ug/l
Mercury	0.98		ug/l	3.6		ug/l	14		ug/l	44		ug/l	3.3		ug/l	3.6		ug/l	7.1		ug/l	4		ug/l
Molybdenum																								
Nickel	5.8	J	ug/l	15	J	ug/l	52		ug/l	220		ug/l	15	J	ug/l	17	J	ug/l	39		ug/l	24	U	ug/l
Potassium	970		ug/l	1500		ug/l	3200		ug/l	8400		ug/l	1700		ug/l	1700		ug/l	2600		ug/l	1600		ug/l
Selenium	1	U	ug/l	1.7	J	ug/l	5.4	J	ug/l	14	J	ug/l	1.5	J	ug/l	2	J	ug/l	3.7	J	ug/l	0.7	J	ug/l
Silicon																								
Silver	5	U	ug/l	18		ug/l	64		ug/l	310		ug/l	16		ug/l	24		ug/l	50		ug/l	8.3	J	ug/l
Sodium	2100		ug/l	2500		ug/l	2800		ug/l	3300		ug/l	2500		ug/l	2400		ug/l	2600		ug/l	2500		ug/l
Strontium																								
Sulfur																								
Thallium	0.4	U	ug/l	0.4	U	ug/l	0.66	J	ug/l	1.3	J	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.45	J	ug/l	0.25	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	9.2	J	ug/l	38		ug/l	170	J	ug/l	12		ug/l	9.2	J	ug/l	23		ug/l	3.6	UJ	ug/l
Zinc	1800		ug/l	7900		ug/l	30000		ug/l	120000		ug/l	7000		ug/l	11000		ug/l	26000		ug/l	8400		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg04

Site Location	CUA04911		CUA04912		CUA04913		CUA04914		CUA04915		LC2910		LC2910		LC2910	
Location Cross Ref.	49-11S/W.5		49-12S/W.5		49-13S/W.5		49-14S/W.5		49-15S/W.5		MD-92-B		MD-92-B		MD-92-B	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo	
(Ref) Source/Lab	(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(14) UOFI/OTHER		(14) UOFI/OTHER		(14) UOFI/OTHER	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Interstitial Water		Interstitial Water		Interstitial Water	
Depth Range in Ft.	-		-		-		-		-		0 - 0.07		0.07 - 0.13		0.13 - 0.2	
Sample Number	47840		47841		47842		47843		47844		191215		191216		191217	
Sample Date	08/31/1998		08/31/1998		08/31/1998		08/31/1998		08/31/1998		*		*		*	
Sample Type	Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		6010		6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	4700	ug/l	3400	ug/l	1400	ug/l	580	ug/l	1400	ug/l						
Antimony	15	ug/l	13 U	ug/l	14	ug/l	7.7 U	ug/l	12 U	ug/l						
Arsenic	56	ug/l	42	ug/l	42	ug/l	26	ug/l	44	ug/l	87	ug/l	81	ug/l	83	ug/l
Barium	190	ug/l	140	ug/l	95	ug/l	61	ug/l	94	ug/l						
Beryllium	0.8 U	ug/l	0.7 U	ug/l	0.6 U	ug/l	0.2 U	ug/l	0.8 U	ug/l						
Cadmium	53	ug/l	31	ug/l	26	ug/l	13	ug/l	34	ug/l	49	ug/l	75	ug/l	63	ug/l
Calcium	16000	ug/l	14000	ug/l	14000	ug/l	12000	ug/l	17000	ug/l						
Chromium	4.6 J	ug/l	2.9 J	ug/l	1.9 J	ug/l	0.96 J	ug/l	2 J	ug/l						
Cobalt	9 J	ug/l	6.4 J	ug/l	5.9 J	ug/l	3.9 J	ug/l	9.2 J	ug/l						
Copper	140	ug/l	110	ug/l	93	ug/l	56	ug/l	140	ug/l	70	ug/l	110	ug/l	100	ug/l
Cyanide																
Iron	160000	ug/l	150000	ug/l	160000	ug/l	84000	ug/l	130000	ug/l						
Lead	16000	ug/l	13000	ug/l	12000	ug/l	8100	ug/l	19000	ug/l	440	ug/l	350	ug/l	480	ug/l
Lithium																
Magnesium	11000 J	ug/l	9200 J	ug/l	9300 J	ug/l	6700 J	ug/l	9000 J	ug/l						
Manganese	19000	ug/l	18000	ug/l	20000	ug/l	11000	ug/l	18000	ug/l						
Mercury	3.3	ug/l			1.6	ug/l	0.97	ug/l	1.9	ug/l						
Molybdenum																
Nickel	20 U	ug/l	12 U	ug/l	9.9 U	ug/l	9.8 U	ug/l	14 U	ug/l						
Potassium	1500	ug/l	1300	ug/l	1100	ug/l	980	ug/l	1100	ug/l						
Selenium	0.42 J	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l						
Silicon																
Silver	5.8 J	ug/l	5.9 J	ug/l	4.3 UJ	ug/l	4.3 U	ug/l	4.3 UJ	ug/l						
Sodium	2500	ug/l	2200	ug/l	2200	ug/l	2200	ug/l	2200	ug/l						
Strontium																
Sulfur																
Thallium	0.19 U	ug/l	0.17 U	ug/l	0.12 U	ug/l	0.03 U	ug/l	0.17 U	ug/l						
Titanium																
Uranium																
Vanadium	3.8 UJ	ug/l	3.4 UJ	ug/l	2.6 UJ	ug/l	2.6 U	ug/l	2.6 UJ	ug/l						
Zinc	6200	ug/l	5100	ug/l	3500	ug/l	2400	ug/l	6100	ug/l	390	ug/l	550	ug/l	610	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg04

Site Location	LC2910		LC2910		LC2910		LC2910		LC2910		LC2910		LC2910		LC2910	
Location Cross Ref.	MD-92-B		MD-92-B		MD-92-B		MD-92-B		MD-92-B		MD-92-B		MD-92-B		MD-92-B	
Location Type	Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo	
(Ref) Source/Lab	(14) UOFI/OTHER		(14) UOFI/OTHER		(14) UOFI/OTHER		(14) UOFI/OTHER		(14) UOFI/OTHER		(14) UOFI/OTHER		(14) UOFI/OTHER		(14) UOFI/OTHER	
Matrix Type	Interstitial Water		Interstitial Water		Interstitial Water		Interstitial Water		Interstitial Water		Interstitial Water		Interstitial Water		Interstitial Water	
Depth Range in Ft.	0.2 - 0.26		0.26 - 0.33		0.33 - 0.39		0.39 - 0.46		0.46 - 0.53		0.53 - 0.59		0.59 - 0.66		0.66 - 0.72	
Sample Number	191218		191219		191220		191221		191222		191223		191224		191225	
Sample Date	*		*		*		*		*		*		*		*	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		6010		6010		6010		6010		6010		6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic	79	ug/l	85	ug/l	92	ug/l	87	ug/l	96	ug/l	100	ug/l	110	ug/l	120	ug/l
Barium																
Beryllium																
Cadmium	30	ug/l	55	ug/l	95	ug/l	170	ug/l	120	ug/l	220	ug/l	190	ug/l	200	ug/l
Calcium																
Chromium																
Cobalt																
Copper	70	ug/l	80	ug/l	140	ug/l	260	ug/l	270	ug/l	330	ug/l	260	ug/l	340	ug/l
Cyanide																
Iron																
Lead	550	ug/l	480	ug/l	470	ug/l	450	ug/l	430	ug/l	450	ug/l	440	ug/l	440	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	320	ug/l	460	ug/l	760	ug/l	1500	ug/l	1800	ug/l	1900	ug/l	1700	ug/l	1900	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg04

Site Location	LC2910			LC2910			LC2910			LC2910			LC2910			LC2910			LC2910			LC2910		
Location Cross Ref.	MD-92-B			MD-92-B			MD-92-B			MD-92-B			MD-92-B			MD-92-B			MD-92-B			MD-92-B		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER		
Matrix Type	Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water		
Depth Range in Ft.	0.72 - 0.79			0.79 - 0.85			0.85 - 0.92			0.92 - 0.98			0.98 - 1.05			1.05 - 1.12			1.12 - 1.18			1.18 - 1.25		
Sample Number	191226			191227			191228			191229			191230			191231			191232			191233		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	120		ug/l	130		ug/l	130		ug/l	130		ug/l	110		ug/l	93		ug/l	87		ug/l	86		ug/l
Barium																								
Beryllium																								
Cadmium	120		ug/l	130		ug/l	250		ug/l	300		ug/l	350		ug/l	300		ug/l	290		ug/l	210		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	320		ug/l	280		ug/l	410		ug/l	440		ug/l	540		ug/l	430		ug/l	350		ug/l	320		ug/l
Cyanide																								
Iron																								
Lead	460		ug/l	480		ug/l	500		ug/l	580		ug/l	950		ug/l	1100		ug/l	1100		ug/l	980		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1300		ug/l	1000		ug/l	2200		ug/l	2500		ug/l	3200		ug/l	2500		ug/l	2100		ug/l	1900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg04

Site Location	LC2910			LC2910			LC2910			LC2910			LC2910			LC2910			LC2910			LC2910		
Location Cross Ref.	MD-92-B			MD-92-B			MD-92-B			MD-92-B			MD-92-B			MD-92-B			MD-92-B			MD-92-B		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER		
Matrix Type	Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water		
Depth Range in Ft.	1.25 - 1.31			1.31 - 1.38			1.38 - 1.44			1.44 - 1.51			1.51 - 1.57			1.57 - 1.64			1.64 - 1.71			1.71 - 1.77		
Sample Number	191234			191235			191236			191237			191238			191239			191240			191241		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	82		ug/l	55		ug/l	51		ug/l	49		ug/l	46		ug/l	68		ug/l	58		ug/l	49		ug/l
Barium																								
Beryllium																								
Cadmium	240		ug/l	170		ug/l	280		ug/l	500		ug/l	730		ug/l	730		ug/l	480		ug/l	990		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	320		ug/l	390		ug/l	430		ug/l	750		ug/l	1100		ug/l	990		ug/l	1300		ug/l	1600		ug/l
Cyanide																								
Iron																								
Lead	990		ug/l	880		ug/l	1100		ug/l	1200		ug/l	1300		ug/l	1800		ug/l	1900		ug/l	2200		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1700		ug/l	1600		ug/l	3100		ug/l	4200		ug/l	6100		ug/l	5200		ug/l	7400		ug/l	9000		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg04

Site Location	LC2910			LC2910			LC2910			LC2910			LC2910			LC2910			LC2914			LC2914		
Location Cross Ref.	MD-92-B			MD-92-B			MD-92-B			MD-92-B			MD-92-B			MD-92-B			BK-92-A			BK-92-A		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER		
Matrix Type	Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water		
Depth Range in Ft.	1.77 - 1.84			1.84 - 1.9			1.9 - 1.97			1.97 - 2.03			2.03 - 2.1			2.1 - 2.17			0 - 0.07			0.07 - 0.13		
Sample Number	191242			191243			191244			191245			191246			191247			191362			191363		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	40		ug/l	43		ug/l	55		ug/l	51		ug/l	46		ug/l	42		ug/l	220		ug/l	240		ug/l
Barium																								
Beryllium																								
Cadmium	1000		ug/l	1100		ug/l	980		ug/l	960		ug/l	810		ug/l	790		ug/l	25		ug/l	29		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	1400		ug/l	1900		ug/l	1200		ug/l	1400		ug/l	850		ug/l	780		ug/l	160		ug/l	130		ug/l
Cyanide																								
Iron																								
Lead	2100		ug/l	2500		ug/l	2900		ug/l	3000		ug/l	3300		ug/l	3200		ug/l	260		ug/l	420		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	9000		ug/l	10000		ug/l	7000		ug/l	7600		ug/l	8600		ug/l	6700		ug/l	360		ug/l	470		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg04

Site Location	LC2914			LC2914			LC2914			LC2914			LC2914			LC2914			LC2914			LC2914		
Location Cross Ref.	BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER		
Matrix Type	Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water		
Depth Range in Ft.	0.13 - 0.2			0.2 - 0.26			0.26 - 0.33			0.33 - 0.39			0.39 - 0.46			0.46 - 0.53			0.53 - 0.59			0.59 - 0.66		
Sample Number	191364			191365			191366			191367			191368			191369			191370			191371		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	240		ug/l	230		ug/l	230		ug/l	240		ug/l	240		ug/l	260		ug/l	250		ug/l	260		ug/l
Barium																								
Beryllium																								
Cadmium	23		ug/l	27		ug/l	31		ug/l	35		ug/l	39		ug/l	32		ug/l	41		ug/l	45		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	190		ug/l	170		ug/l	110		ug/l	110		ug/l	130		ug/l	170		ug/l	170		ug/l	170		ug/l
Cyanide																								
Iron																								
Lead	460		ug/l	460		ug/l	490		ug/l	570		ug/l	600		ug/l	550		ug/l	460		ug/l	470		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	540		ug/l	580		ug/l	490		ug/l	580		ug/l	590		ug/l	810		ug/l	830		ug/l	810		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg04

Site Location	LC2914			LC2914			LC2914			LC2914			LC2914			LC2914			LC2914			LC2914		
Location Cross Ref.	BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER		
Matrix Type	Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water		
Depth Range in Ft.	0.66 - 0.72			0.72 - 0.79			0.79 - 0.85			0.85 - 0.92			0.92 - 0.98			0.98 - 1.05			1.05 - 1.12			1.12 - 1.18		
Sample Number	191372			191373			191374			191375			191376			191377			191378			191379		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	260		ug/l	260		ug/l	230		ug/l	250		ug/l	280		ug/l	300		ug/l	250		ug/l	290		ug/l
Barium																								
Beryllium																								
Cadmium	47		ug/l	46		ug/l	42		ug/l	48		ug/l	53		ug/l	49		ug/l	46		ug/l	51		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	170		ug/l	170		ug/l	170		ug/l	170		ug/l	180		ug/l	190		ug/l	200		ug/l	240		ug/l
Cyanide																								
Iron																								
Lead	490		ug/l	510		ug/l	590		ug/l	610		ug/l	640		ug/l	660		ug/l	720		ug/l	760		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	810		ug/l	850		ug/l	800		ug/l	800		ug/l	850		ug/l	890		ug/l	890		ug/l	800		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg04

Site Location	LC2914			LC2914			LC2914			LC2914			LC2914			LC2914			LC2914			LC2914		
Location Cross Ref.	BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER		
Matrix Type	Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water		
Depth Range in Ft.	1.18 - 1.25			1.25 - 1.31			1.31 - 1.38			1.38 - 1.44			1.44 - 1.51			1.51 - 1.57			1.57 - 1.64			1.64 - 1.71		
Sample Number	191380			191381			191382			191383			191384			191385			191386			191387		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	350		ug/l	320		ug/l	390		ug/l	450		ug/l	420		ug/l	400		ug/l	340		ug/l	400		ug/l
Barium																								
Beryllium																								
Cadmium	53		ug/l	56		ug/l	49		ug/l	46		ug/l	47		ug/l	42		ug/l	44		ug/l	37		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	250		ug/l	230		ug/l	230		ug/l	190		ug/l	160		ug/l	150		ug/l	140		ug/l	130		ug/l
Cyanide																								
Iron																								
Lead	820		ug/l	800		ug/l	640		ug/l	510		ug/l	300		ug/l	310		ug/l	370		ug/l	240		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	950		ug/l	490		ug/l	920		ug/l	920		ug/l	560		ug/l	400		ug/l	290		ug/l	270		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg04

Site Location	LC2914			LC2914			LC2914			LC2914			LC2914			LC2914			LC2914			LC2914		
Location Cross Ref.	BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A			BK-92-A		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER		
Matrix Type	Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water		
Depth Range in Ft.	1.71 - 1.77			1.77 - 1.84			1.84 - 1.9			1.9 - 1.97			1.97 - 2.03			2.03 - 2.1			2.1 - 2.17			2.17 - 2.23		
Sample Number	191388			191389			191390			191391			191392			191393			191394			191395		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	390		ug/l	360		ug/l	340		ug/l	290		ug/l	230		ug/l	250		ug/l	260		ug/l	290		ug/l
Barium																								
Beryllium																								
Cadmium	36		ug/l	31		ug/l	30		ug/l	25		ug/l	22		ug/l	25		ug/l	24		ug/l	26		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	140		ug/l	130		ug/l	130		ug/l	120		ug/l	110		ug/l	110		ug/l	110		ug/l	110		ug/l
Cyanide																								
Iron																								
Lead	210		ug/l	190		ug/l	160		ug/l	120		ug/l	94		ug/l	43		ug/l	29		ug/l	15		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	170		ug/l	180		ug/l	120		ug/l	92		ug/l	110		ug/l	92		ug/l	88		ug/l	64		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg04

Site Location	LC2914			LC2914			LC2919			LC2919			LC2920			LC2920			LC8257			LC8257		
Location Cross Ref.	BK-92-A			BK-92-A			MEDICINE-1			MEDICINE-1			BLACK-1			BLACK-1			R07299701			R07299701		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Adit			Adit		
(Ref) Source/Lab	(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Interstitial Water			Interstitial Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	2.23 - 2.3			2.3 - 2.36			-			-			-			-			-			-		
Sample Number	191396			191397			191073			191074			191075			191076			187999			187999		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Environ. Sample			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																						0.094		mg/l
Antimony																								
Arsenic	250		ug/l	110		ug/l	20		ug/l	17		ug/l	10		ug/l	17		ug/l	0.029	U	mg/l			
Barium																			0.005		mg/l	0.0046		mg/l
Beryllium																								
Cadmium	21		ug/l	19		ug/l	21		ug/l	13		ug/l	11		ug/l	8		ug/l	0.01		mg/l	0.0023	U	mg/l
Calcium																								
Chromium																			0.017		mg/l	0.0044	U	mg/l
Cobalt																								
Copper	110		ug/l	100		ug/l	9		ug/l	6		ug/l	7		ug/l	5		ug/l	0.043		mg/l	0.008	U	mg/l
Cyanide																								
Iron																			0.018		mg/l	0.0075		mg/l
Lead	7		ug/l	2		ug/l	12		ug/l	9		ug/l	8		ug/l	12		ug/l	0.015	U	mg/l			
Lithium																								
Magnesium																								
Manganese																			0.006		mg/l	0.005		mg/l
Mercury																								
Molybdenum																								
Nickel																			0.02	U	mg/l	0.007	U	mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	59		ug/l	53		ug/l	510		ug/l	490		ug/l	380		ug/l	410		ug/l	0.006		mg/l	0.0025	U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg04

Site Location	LC8257			LC8261			LC8261			LC8261			LC8262			LC8262			LC8262		
Location Cross Ref.	R07299701			R72397001			R72397001			R72397001			R72397002			R72397002			R72397002		
Location Type	Adit			River/Stream			River/Stream			River/Stream			Spring/Seep			Spring/Seep			Spring/Seep		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-		
Sample Number	187999			188003			188003			188003			188004			188004			188004		
Sample Date	*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7470			6010			D6010			7470			6010			D6010			7470		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							0.089	U	mg/l							0.089	U	mg/l			
Antimony																					
Arsenic				0.029	U	mg/l							0.029	U	mg/l						
Barium				0.004	U	mg/l	0.0048		mg/l				0.004	U	mg/l	0.0037		mg/l			
Beryllium																					
Cadmium				0.004		mg/l	0.0029		mg/l				0.003	U	mg/l	0.0039		mg/l			
Calcium																					
Chromium				0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.005		mg/l			
Cobalt																					
Copper				0.035	U	mg/l	0.014		mg/l				0.035	U	mg/l	0.013		mg/l			
Cyanide																					
Iron				0.012	U	mg/l	0.0037	U	mg/l				0.012	U	mg/l	0.0037	U	mg/l			
Lead				0.015	U	mg/l							0.002		mg/l						
Lithium																					
Magnesium																					
Manganese				0.002	U	mg/l	0.002	U	mg/l				0.002	U	mg/l	0.002	U	mg/l			
Mercury	0.005	U	mg/l							0.005	U	mg/l							0.005	U	mg/l
Molybdenum																					
Nickel				0.02	U	mg/l	0.012		mg/l				0.02	U	mg/l	0.012		mg/l			
Potassium																					
Selenium																					
Silicon																					
Silver																					
Sodium																					
Strontium																					
Sulfur																					
Thallium																					
Titanium																					
Uranium																					
Vanadium																					
Zinc				0.003	U	mg/l	0.0025	U	mg/l				0.003	U	mg/l	0.0025	U	mg/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	CUA03511		CUA03512		CUA03512		CUA03513		CUA03514		CUA03515		CUA03611		CUA03612	
Location Cross Ref.	35-11S.5/W6		35-12S.5/W6		35-12S.5/W6		35-13S.5/W6		35-14S.5/W6		35-15S.5/W6		36-11S/W.5		36-12S/W.5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47683		47684		47685		47686		47687		47688		47689		47690	
Sample Date	08/13/1998		08/13/1998		08/13/1998		08/13/1998		08/13/1998		08/13/1998		08/14/1998		08/14/1998	
Sample Type	Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	720	ug/l	790	ug/l	860	ug/l	1400	ug/l	710	ug/l	1300	ug/l	8000	ug/l	1500	ug/l
Antimony	5.4 U	ug/l	5.2 U	ug/l	6.8 U	ug/l	9.1 U	ug/l	11 U	ug/l	14 U	ug/l	22	ug/l	9.3	ug/l
Arsenic	17	ug/l	18	ug/l	23	ug/l	41	ug/l	34	ug/l	52	ug/l	86	ug/l	140	ug/l
Barium	66	ug/l	62	ug/l	64	ug/l	93	ug/l	65	ug/l	94	ug/l	280	ug/l	120	ug/l
Beryllium	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1.1	ug/l	0.7 UJ	ug/l
Cadmium	3.7 J	ug/l	4.1 J	ug/l	4.7 J	ug/l	7.3 J	ug/l	7.1 J	ug/l	13 J	ug/l	56	ug/l	28	ug/l
Calcium	12000	ug/l	12000	ug/l	12000	ug/l	13000	ug/l	12000	ug/l	14000	ug/l	16000	ug/l	18000	ug/l
Chromium	0.93 U	ug/l	0.98 U	ug/l	1.3 U	ug/l	1.7 J	ug/l	1.3 U	ug/l	2 J	ug/l	7.6	ug/l	2.6 J	ug/l
Cobalt	1.3 U	ug/l	1.7 U	ug/l	2.2 J	ug/l	3.8 J	ug/l	3.2 J	ug/l	5 J	ug/l	14	ug/l	11	ug/l
Copper	11 J	ug/l	12 J	ug/l	16 J	ug/l	26 J	ug/l	22 J	ug/l	38 J	ug/l	160	ug/l	85	ug/l
Cyanide																
Iron	21000	ug/l	36000	ug/l	42000	ug/l	89000	ug/l	65000	ug/l	96000	ug/l	110000	ug/l	180000	ug/l
Lead	660	ug/l	940	ug/l	1200	ug/l	2200	ug/l	1500	ug/l	2800	ug/l	10000	ug/l	9300	ug/l
Lithium																
Magnesium	4700	ug/l	5200	ug/l	5500	ug/l	7400	ug/l	6100	ug/l	7500	ug/l	8900	ug/l	11000	ug/l
Manganese	2500	ug/l	4200	ug/l	5000	ug/l	11000	ug/l	7700	ug/l	12000	ug/l	13000	ug/l	23000	ug/l
Mercury	0.6	ug/l	0.34	ug/l	0.3	ug/l	0.71	ug/l	0.24	ug/l	1.1	ug/l	11	ug/l	0.38	ug/l
Molybdenum																
Nickel	4.4 U	ug/l	4.4 U	ug/l	6.4 J	ug/l	4.4 U	ug/l	4.4 U	ug/l	7.8 J	ug/l	20 J	ug/l	14 J	ug/l
Potassium	760	ug/l	780	ug/l	810	ug/l	850	ug/l	800	ug/l	940	ug/l	1800	ug/l	1000	ug/l
Selenium	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l
Silicon																
Silver	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	14	ug/l	4.3 U	ug/l
Sodium	2300	ug/l	2300	ug/l	2300	ug/l	2300	ug/l	2200	ug/l	2200	ug/l	2600	ug/l	2400	ug/l
Strontium																
Sulfur																
Thallium	0.16 U	ug/l	0.25 U	ug/l	0.18 U	ug/l	0.16 U	ug/l	0.18 U	ug/l	0.13 U	ug/l	0.33 U	ug/l	0.18 UJ	ug/l
Titanium																
Uranium																
Vanadium	2.6 U	ug/l	2.6 U	ug/l	3.6 J	ug/l	2.8 J	ug/l	3.3 J	ug/l	4.3 J	ug/l	16	ug/l	6.2 J	ug/l
Zinc	600 J	ug/l	690 J	ug/l	810	ug/l	1300	ug/l	1300	ug/l	2000	ug/l	5400	ug/l	4700	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	CUA03613		CUA03614		CUA03615		CUA0381		CUA0382		CUA0383		CUA0384		CUA0385	
Location Cross Ref.	36-13S/W.5		36-14S/W.5		36-15S/W.5		38-1S/W.5		38-2S/W.5		38-3S/W.5		38-4S/W.5		38-5S/W.5	
Location Type	River/Stream		River/Stream		River/Stream		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo	
(Ref) Source/Lab	(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47691		47692		47693		47858		47859		47860		47861		47862	
Sample Date	08/14/1998		08/14/1998		08/14/1998		09/02/1998		09/02/1998		09/02/1998		09/02/1998		09/02/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	17000	ug/l	1500	ug/l	2000	ug/l	1100 J	ug/l	3100 J	ug/l	2700 J	ug/l	4800 J	ug/l	2800 J	ug/l
Antimony	23	ug/l	6.8	ug/l	13	ug/l	2.3 J	ug/l	3.9 J	ug/l	1.6 J	ug/l	2 J	ug/l	1.7 J	ug/l
Arsenic	130	ug/l	76	ug/l	99	ug/l	3.4	ug/l	6.2	ug/l	4	ug/l	4.6	ug/l	3.8	ug/l
Barium	640	ug/l	100	ug/l	110	ug/l	46 J	ug/l	110 J	ug/l	110 J	ug/l	180 J	ug/l	97 J	ug/l
Beryllium	2.6	ug/l	0.6 U	ug/l	0.6 UJ	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	210	ug/l	31	ug/l	21	ug/l	1 U	ug/l	2.9	ug/l	1 U	ug/l	1.8	ug/l	1 U	ug/l
Calcium	46000	ug/l	17000	ug/l	16000	ug/l	6800	ug/l	7700	ug/l	7300	ug/l	8600	ug/l	7200	ug/l
Chromium	9.2	ug/l	2 J	ug/l	2.6 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5.9 J	ug/l	5 U	ug/l
Cobalt	28	ug/l	8.4	ug/l	8.4	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	500	ug/l	84	ug/l	59	ug/l	9.3 J	ug/l	61	ug/l	11	ug/l	26	ug/l	9.8 J	ug/l
Cyanide																
Iron	290000	ug/l	95000	ug/l	130000	ug/l	3100	ug/l	9300	ug/l	6200	ug/l	13000	ug/l	7900	ug/l
Lead	57000	ug/l	9000	ug/l	6300	ug/l	200	ug/l	880	ug/l	170	ug/l	430	ug/l	190	ug/l
Lithium																
Magnesium	21000	ug/l	8400	ug/l	9700	ug/l	2600	ug/l	3000	ug/l	2900	ug/l	3500	ug/l	3100	ug/l
Manganese	35000	ug/l	14000	ug/l	17000	ug/l	360	ug/l	720	ug/l	640	ug/l	960	ug/l	510	ug/l
Mercury	4.9	ug/l	2	ug/l	0.46	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	53	ug/l	11 J	ug/l	8 J	ug/l	5 U	ug/l	5.6 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	2800	ug/l	1100	ug/l	1000	ug/l	670 J	ug/l	930	ug/l	860	ug/l	1200	ug/l	890	ug/l
Selenium	1.1 UJ	ug/l	0.36 U	ug/l	0.36 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Silicon																
Silver	38	ug/l	4.3 U	ug/l	4.5 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	2600	ug/l	2400	ug/l	2400	ug/l	1900	ug/l	1900	ug/l	1900	ug/l	1900	ug/l	1900	ug/l
Strontium																
Sulfur																
Thallium	0.76 UJ	ug/l	0.18 U	ug/l	0.16 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l
Titanium																
Uranium																
Vanadium	32	ug/l	2.8 J	ug/l	6.3 J	ug/l	5 U	ug/l	13 U	ug/l	11 U	ug/l	25 U	ug/l	12 U	ug/l
Zinc	20000	ug/l	4400	ug/l	3500	ug/l	120	ug/l	380	ug/l	110	ug/l	270	ug/l	150	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	CUA03911		CUA03912		CUA03913		CUA03913		CUA03914		CUA03915		LC60		LC60	
Location Cross Ref.	39-11S/W.5		39-12S/W.5		39-13S/W.5		39-13S/W.5		39-14S/W.5		39-15S/W.5		USGS HARRISON		USGS HARRISON	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(7) IDEQ/OTHER		(7) IDEQ/OTHER	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47694		47695		47696		47699		47697		47698		210088		210089	
Sample Date	08/14/1998		08/14/1998		08/14/1998		08/14/1998		08/14/1998		08/14/1998		10/06/1992		10/20/1992	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		D6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	25000	ug/l	8100	ug/l	1700	ug/l	1500	ug/l	20000	ug/l	21000	ug/l				
Antimony	16	ug/l	13	ug/l	10	ug/l	11	ug/l	18	ug/l	21	ug/l				
Arsenic	75	ug/l	54	ug/l	50	ug/l	54	ug/l	130	ug/l	49	ug/l				
Barium	840	ug/l	250	ug/l	93	ug/l	93	ug/l	590	ug/l	990	ug/l				
Beryllium	2.5	ug/l	0.7 U	ug/l	0.6 U	ug/l	0.7 UJ	ug/l	2.2 J	ug/l	2.2 J	ug/l				
Cadmium	170	ug/l	27	ug/l	27	ug/l	23	ug/l	76	ug/l	140	ug/l	2.9	ug/l	1.9	ug/l
Calcium	26000	ug/l	15000	ug/l	17000	ug/l	17000	ug/l	29000	ug/l	23000	ug/l				
Chromium	10	ug/l	5.3	ug/l	2.3 J	ug/l	2.8 J	ug/l	12	ug/l	13	ug/l				
Cobalt	35	ug/l	8.6	ug/l	7.9	ug/l	7.1	ug/l	25	ug/l	33	ug/l				
Copper	310	ug/l	85	ug/l	70	ug/l	61	ug/l	340	ug/l	450	ug/l				
Cyanide																
Iron	330000	ug/l	83000	ug/l	120000	ug/l	130000	ug/l	290000	ug/l	360000	ug/l				
Lead	30000	ug/l	7200	ug/l	7400	ug/l	6600	ug/l	32000	ug/l	39000	ug/l	5.3	ug/l	5.7	ug/l
Lithium																
Magnesium	21000	ug/l	8300	ug/l	9200	ug/l	9600	ug/l	21000	ug/l	21000	ug/l				
Manganese	41000	ug/l	9400	ug/l	16000	ug/l	17000	ug/l	34000	ug/l	47000	ug/l				
Mercury	14	ug/l	1	ug/l	0.84	ug/l	0.91	ug/l	6.3	ug/l	18	ug/l				
Molybdenum																
Nickel	69	ug/l	15 J	ug/l	12 J	ug/l	12 J	ug/l	47	ug/l	68	ug/l				
Potassium	3800	ug/l	1900	ug/l	1000	ug/l	1100	ug/l	3000	ug/l	3400	ug/l				
Selenium	0.45 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 J	ug/l	0.76 UJ	ug/l	0.34 UJ	ug/l				
Silicon																
Silver	47	ug/l	9.7 J	ug/l	4.5 J	ug/l	4.3 U	ug/l	35	ug/l	55	ug/l				
Sodium	2900	ug/l	2400	ug/l	2400	ug/l	2500	ug/l	2700	ug/l	2600	ug/l				
Strontium																
Sulfur																
Thallium	0.44 UJ	ug/l	0.16 U	ug/l	0.15 U	ug/l	0.13 UJ	ug/l	0.52 UJ	ug/l	0.29 UJ	ug/l				
Titanium																
Uranium																
Vanadium	40	ug/l	14	ug/l	7 J	ug/l	5.6 J	ug/l	37	ug/l	38	ug/l				
Zinc	11000	ug/l	2700	ug/l	3800	ug/l	3500	ug/l	10000	ug/l	12000	ug/l	660	ug/l	450	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60			LC60			LC60			LC60			LC60			LC60			LC60			LC60		
Location Cross Ref.	USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210090			210091			210092			210093			210094			210095			210096			210097		
Sample Date	11/17/1992			12/09/1992			02/03/1993			02/16/1993			03/10/1993			03/24/1993			03/26/1993			04/12/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.9		ug/l	1.9		ug/l	3.8		ug/l	2.9		ug/l	2.9		ug/l	3.8		ug/l	1.9		ug/l	1.9		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	4.2		ug/l	5.7		ug/l	4.9		ug/l	9.7		ug/l	5.9		ug/l	4.9		ug/l	13		ug/l	9.8		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	380		ug/l	510		ug/l	440		ug/l	510		ug/l	440		ug/l	420		ug/l	240		ug/l	160		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60			LC60			LC60			LC60			LC60			LC60			LC60			LC60		
Location Cross Ref.	USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210098			210099			210100			210101			210102			210103			210104			210105		
Sample Date	04/20/1993			05/05/1993			05/17/1993			06/02/1993			06/21/1993			07/22/1993			08/17/1993			09/20/1993		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.97		ug/l	1.9		ug/l	1.9		ug/l	1.9		ug/l	1.9		ug/l	1.9		ug/l	1.9		ug/l	1.9		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	9.9		ug/l	9		ug/l	8.6		ug/l	5.2		ug/l	6.1		ug/l	4.8		ug/l	5.8		ug/l	5.2		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	160		ug/l	170		ug/l	190		ug/l	280		ug/l	350		ug/l	280		ug/l	370		ug/l	430		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60			LC60			LC60			LC60			LC60			LC60			LC60			LC60		
Location Cross Ref.	USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210106			210107			210108			210109			210110			210112			210113			210114		
Sample Date	10/20/1993			11/16/1993			12/13/1993			01/18/1994			02/23/1994			03/14/1994			04/06/1994			04/20/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.9		ug/l	1.9		ug/l	3.8		ug/l	1.9		ug/l	1.9		ug/l	1.9		ug/l	0.97		ug/l	1.9		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	4.9		ug/l	5.6		ug/l	6.6		ug/l	4.5		ug/l	7.6		ug/l	5.1		ug/l	7.8		ug/l	4.5		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	500		ug/l	570		ug/l	600		ug/l	280		ug/l	480		ug/l	280		ug/l	180		ug/l	190		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60			LC60			LC60			LC60			LC60			LC60			LC60			LC60		
Location Cross Ref.	USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210115			210116			210117			210118			210119			210120			210121			210122		
Sample Date	05/11/1994			06/14/1994			07/20/1994			08/15/1994			09/20/1994			10/06/1994			11/22/1994			12/16/1994		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.97		ug/l	2.9		ug/l	1.9		ug/l	0.97		ug/l	1.9		ug/l	1.6		ug/l	2.9		ug/l	2.1		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	4.9		ug/l	5.1		ug/l	5.7		ug/l	5.5		ug/l	5.6		ug/l	1.5		ug/l	5		ug/l	7		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	190		ug/l	340		ug/l	410		ug/l	270		ug/l	420		ug/l	400		ug/l	500		ug/l	390		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60			LC60			LC60			LC60			LC60			LC60			LC60			LC60		
Location Cross Ref.	USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210123			210124			210125			210126			210127			210128			210129			210130		
Sample Date	01/12/1995			02/16/1995			03/07/1995			03/23/1995			04/14/1995			04/27/1995			05/11/1995			05/24/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	3.7		ug/l	1.2		ug/l	0.97		ug/l	1.4		ug/l	1.6		ug/l	1.8		ug/l	1.5		ug/l	1.7		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	7		ug/l	5		ug/l	22		ug/l	12		ug/l	10		ug/l	13		ug/l	10		ug/l	12		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	360		ug/l	230		ug/l	200		ug/l	170		ug/l	220		ug/l	240		ug/l	190		ug/l	200		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60			LC60			LC60			LC60			LC60			LC60			LC60			LC60		
Location Cross Ref.	USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210131			210132			210133			210134			210135			210136			210137			210138		
Sample Date	06/14/1995			06/28/1995			07/12/1995			07/26/1995			08/15/1995			09/14/1995			10/16/1995			11/21/1995		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.8		ug/l	1.6		ug/l	1.8		ug/l	2.1		ug/l	2.3		ug/l	2		ug/l	2.2		ug/l	1.4		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	11		ug/l	16		ug/l	12		ug/l	6		ug/l	4		ug/l	3		ug/l	7		ug/l	4		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	290		ug/l	290		ug/l	340		ug/l	370		ug/l	450		ug/l	440		ug/l	330		ug/l	210		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60			LC60			LC60			LC60			LC60			LC60			LC60			LC60		
Location Cross Ref.	USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	210139			210140			210141			210142			210143			210144			210145			210146		
Sample Date	12/28/1995			01/18/1996			02/28/1996			03/27/1996			04/18/1996			05/09/1996			06/20/1996			07/23/1996		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			D6010			D6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1.8		ug/l	1.5		ug/l	1.5		ug/l	1.5		ug/l	1.3		ug/l	1.3		ug/l	2.1		ug/l	2.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	10		ug/l	14		ug/l	11		ug/l	11		ug/l	10		ug/l	15		ug/l	12		ug/l	6		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	320		ug/l	200		ug/l	250		ug/l	300		ug/l	250		ug/l	240		ug/l	320		ug/l	550		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60		LC60		LC60		LC60		LC60		LC60		LC60		LC60	
Location Cross Ref.	USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ		(7) IDEQ/IDEQ	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	210147		210148		186015		186015		186022		186022		186038		186038	
Sample Date	08/21/1996		09/26/1996		10/29/1996		10/29/1996		11/26/1996		11/26/1996		12/13/1996		12/13/1996	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	2.4	ug/l	2.2	ug/l	0.0019	mg/l	0.0019	mg/l	0.0036	mg/l	0.0039	mg/l	0.0048	mg/l	0.0048	mg/l
Calcium																
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1.5	ug/l	4	ug/l	0.028	mg/l	0.006	mg/l	0.03	mg/l	0.008	mg/l	0.026	mg/l	0.008	mg/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	520	ug/l	630	ug/l	0.44	mg/l	0.67	mg/l	0.59	mg/l	0.61	mg/l	0.49	mg/l	0.92	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60			LC60			LC60			LC60			LC60			LC60			LC60			LC60		
Location Cross Ref.	USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186055			186055			186072			186072			186092			186092			186112			186112		
Sample Date	01/30/1997			01/30/1997			02/19/1997			02/19/1997			03/27/1997			03/27/1997			04/16/1997			04/16/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0021		mg/l	0.0018		mg/l	0.0019		mg/l	0.0019		mg/l	0.0015		mg/l	0.0014		mg/l	0.0014		mg/l	0.0012		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.04		mg/l	0.01		mg/l	0.036		mg/l	0.008		mg/l	0.04		mg/l	0.01		mg/l	0.025		mg/l	0.009		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.38		mg/l	0.37		mg/l	0.44		mg/l	0.44		mg/l	0.24		mg/l	0.25		mg/l	0.24		mg/l	0.23		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60			LC60			LC60			LC60			LC60			LC60			LC60			LC60		
Location Cross Ref.	USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186152			186152			186172			186172			186192			186192			186212			186212		
Sample Date	06/24/1997			06/24/1997			07/24/1997			07/24/1997			08/13/1997			08/13/1997			09/03/1997			09/03/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0013		mg/l	0.0014		mg/l	0.002		mg/l	0.0019		mg/l	0.0021		mg/l	0.002		mg/l	0.0022		mg/l	0.0022		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.031		mg/l	0.014		mg/l	0.083		mg/l	0.012		mg/l	0.032		mg/l	0.009		mg/l	0.025		mg/l	0.003		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.28		mg/l	0.22		mg/l	0.4		mg/l	0.37		mg/l	0.43		mg/l	0.45		mg/l	0.45		mg/l	0.45		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60			LC60			LC60			LC60			LC60			LC60			LC60			LC60		
Location Cross Ref.	USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186232			186232			186252			186252			186271			186271			186290			186290		
Sample Date	10/16/1997			10/16/1997			11/24/1997			11/24/1997			12/17/1997			12/17/1997			01/21/1998			01/21/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0021		mg/l	0.002		mg/l	0.0022		mg/l	0.0021		mg/l	0.002		mg/l	0.0016		mg/l	0.0026		mg/l	0.0027		mg/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.03		mg/l	0.008		mg/l	0.018		mg/l	0.006		mg/l	0.056		mg/l	0.014		mg/l	0.027		mg/l	0.007		mg/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.37		mg/l	0.36		mg/l	0.44		mg/l	0.48		mg/l	0.39		mg/l	0.38		mg/l	0.47		mg/l	0.47		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60			LC60			LC60			LC60			LC60			LC60			LC60			LC60		
Location Cross Ref.	USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/IDEQ			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	186309			186309			186328			186328			186347			186347			202239			202239		
Sample Date	02/25/1998			02/25/1998			03/19/1998			03/19/1998			04/23/1998			04/23/1998			05/28/1998			05/28/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.0016		mg/l	0.0017		mg/l	0.0013		mg/l	0.0012		mg/l	0.0013		mg/l	0.0013		mg/l	1.5		ug/l	1.5		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.016		mg/l	0.015		mg/l	0.044		mg/l	0.01		mg/l	0.03		mg/l	0.011		mg/l	21		ug/l	10		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.29		mg/l	0.3		mg/l	0.21		mg/l	0.2		mg/l	0.22		mg/l	0.22		mg/l	230		ug/l	250		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60			LC60			LC60			LC60			LC60			LC60			LC60			LC60		
Location Cross Ref.	USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202270			202270			202274			202274			202294			202294			202376			202376		
Sample Date	06/26/1998			06/26/1998			07/27/1998			07/27/1998			08/25/1998			08/25/1998			09/23/1998			09/23/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2.4		ug/l	2.4		ug/l	1.8		ug/l	1.9		ug/l	1.4		ug/l	1.3		ug/l	1.6		ug/l	1.4		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	20		ug/l	8		ug/l	47		ug/l	5		ug/l	19		ug/l	3	U	ug/l	15		ug/l	3	U	ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	330		ug/l	330		ug/l	310		ug/l	270		ug/l	280		ug/l	250		ug/l	350		ug/l	350		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60			LC60			LC60			LC60			LC60			LC60			LC60			LC60		
Location Cross Ref.	USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(7) IDEQ/OTHER			(7) IDEQ/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187034			187034			202426			202426			187035			187035			202445			202445		
Sample Date	10/23/1998			10/23/1998			10/26/1998			10/26/1998			11/16/1998			11/16/1998			11/24/1998			11/24/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	3		ug/l	2.8		ug/l	2.4		ug/l	2.2		ug/l	3		ug/l	2.7		ug/l	2.4		ug/l	2		ug/l
Calcium				12000		ug/l										12000		ug/l						
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	27		ug/l	5.7		ug/l	21		ug/l	4		ug/l	27		ug/l	5.5		ug/l	60		ug/l	9		ug/l
Lithium																								
Magnesium				4400		ug/l										4300		ug/l						
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	570		ug/l	540		ug/l	500		ug/l	530		ug/l	600		ug/l	580		ug/l	410		ug/l	370		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60		LC60		LC60		LC60		LC60		LC60		LC60		LC60	
Location Cross Ref.	USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(18) USGS/OTHER		(18) USGS/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER		(7) IDEQ/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	187036		187036		202461		202461		202481		202481		202502		202502	
Sample Date	12/14/1998		12/14/1998		01/05/1999		01/05/1999		01/14/1999		01/14/1999		02/23/1999		02/23/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	2	ug/l	2.4	ug/l	2.1	ug/l	1.8	ug/l	2.2	ug/l	2.3	ug/l	2.3	ug/l	2.2	ug/l
Calcium			7900	ug/l												
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	22	ug/l	2.5	ug/l	41	ug/l	10	ug/l	24	ug/l	8	ug/l	17	ug/l	6	ug/l
Lithium																
Magnesium			3000	ug/l												
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	380	ug/l	380	ug/l	210	ug/l	200	ug/l	260	ug/l	250	ug/l	370	ug/l	390	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60		LC60		LC60		LC60		LC60		LC60		LC60		LC60	
Location Cross Ref.	USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(7) IDEQ/OTHER		(7) IDEQ/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	202520		202520		187037		187037		187038		187038		187039		187039	
Sample Date	03/09/1999		03/09/1999		03/23/1999		03/23/1999		04/21/1999		04/21/1999		05/06/1999		05/06/1999	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	2.2	ug/l	2.4	ug/l	2	ug/l	1.2	ug/l	2	ug/l	1	ug/l	1	ug/l	0.001	mg/l
Calcium							4300	ug/l			3600	ug/l			4.4	mg/l
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	42	ug/l	11	ug/l	110	ug/l	6.7	ug/l	430	ug/l	11	ug/l	22	ug/l	0.0037	mg/l
Lithium																
Magnesium							1600	ug/l			1300	ug/l			1.7	mg/l
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium															1.3	mg/l
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	280	ug/l	260	ug/l	210	ug/l	170	ug/l	300	ug/l	120	ug/l	120	ug/l	0.11	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60			LC60			LC60			LC60			LC60			LC60			LC60			LC60		
Location Cross Ref.	USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON			USGS HARRISON		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187040			187040			187040			187040			187041			187041			202161			202161		
Sample Date	05/27/1999			05/27/1999			05/27/1999			05/27/1999			06/17/1999			06/17/1999			07/14/1999			07/14/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	2		ug/l	1	U	ug/l							1		ug/l	1		ug/l				1.6		ug/l
Calcium							3.3		mg/l							4100		ug/l	7.8		mg/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron							3.7		mg/l	67		ug/l												
Lead	300		ug/l	14		ug/l							32		ug/l	4.2		ug/l				27		ug/l
Lithium																								
Magnesium							1.2		mg/l							1300		ug/l	2.5		mg/l			
Manganese							0.38		mg/l	56		ug/l												
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium							0.94		mg/l							960		ug/l	1.6		mg/l			
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	240		ug/l	90		ug/l							140		ug/l	140		ug/l				240		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC60		LC60		LC60		LC60		LC60		LC60		LC60		LC2917	
Location Cross Ref.	USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		USGS HARRISON		AN-93-A	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		Lake/Pond/Open Reservo	
(Ref) Source/Lab	(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(14) UOFI/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Interstitial Water	
Depth Range in Ft.	-		-		-		-		-		-		-		0 - 0.07	
Sample Number	202161		202162		202162		202162		202163		202163		202163		191455	
Sample Date	07/14/1999		08/11/1999		08/11/1999		08/11/1999		09/09/1999		09/09/1999		09/09/1999		*	
Sample Type	Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	D6010		D6010		6010		D6010		D6010		6010		D6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic															22	ug/l
Barium																
Beryllium																
Cadmium	1	ug/l			2	ug/l	2	ug/l			2.1	ug/l	2	ug/l	16	ug/l
Calcium			10	mg/l					11	mg/l						
Chromium																
Cobalt																
Copper															21	ug/l
Cyanide																
Iron																
Lead	10	ug/l			30	ug/l	4	ug/l			18	ug/l	3	ug/l	67	ug/l
Lithium																
Magnesium			3.4	mg/l					4	mg/l						
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium			2.2	mg/l					2.7	mg/l						
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	240	ug/l			310	ug/l	300	ug/l			340	ug/l	330	ug/l	910	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC2917			LC2917			LC2917			LC2917			LC2917			LC2917			LC2917			LC2917		
Location Cross Ref.	AN-93-A			AN-93-A			AN-93-A			AN-93-A			AN-93-A			AN-93-A			AN-93-A			AN-93-A		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER		
Matrix Type	Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water		
Depth Range in Ft.	0.07 - 0.13			0.13 - 0.2			0.2 - 0.26			0.26 - 0.33			0.33 - 0.39			0.39 - 0.46			0.46 - 0.53			0.53 - 0.59		
Sample Number	191456			191457			191458			191459			191460			191461			191462			191463		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	21		ug/l	17		ug/l	15		ug/l	15		ug/l	16		ug/l	15		ug/l	14		ug/l	16		ug/l
Barium																								
Beryllium																								
Cadmium	14		ug/l	18		ug/l	25		ug/l	16		ug/l	14		ug/l	13		ug/l	14		ug/l	8		ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	22		ug/l	25		ug/l	27		ug/l	19		ug/l	16		ug/l	21		ug/l	11		ug/l	12		ug/l
Cyanide																								
Iron																								
Lead	77		ug/l	81		ug/l	85		ug/l	77		ug/l	73		ug/l	61		ug/l	46		ug/l	43		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	910		ug/l	920		ug/l	910		ug/l	810		ug/l	700		ug/l	690		ug/l	440		ug/l	550		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC2917		LC2917		LC2917		LC2917		LC2917		LC2917		LC2917		LC2917	
Location Cross Ref.	AN-93-A		AN-93-A		AN-93-A		AN-93-A		AN-93-A		AN-93-A		AN-93-A		AN-93-A	
Location Type	Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo	
(Ref) Source/Lab	(14) UOFI/OTHER		(14) UOFI/OTHER		(14) UOFI/OTHER		(14) UOFI/OTHER		(14) UOFI/OTHER		(14) UOFI/OTHER		(14) UOFI/OTHER		(14) UOFI/OTHER	
Matrix Type	Interstitial Water		Interstitial Water		Interstitial Water		Interstitial Water		Interstitial Water		Interstitial Water		Interstitial Water		Interstitial Water	
Depth Range in Ft.	0.59 - 0.66		0.66 - 0.72		0.72 - 0.79		0.79 - 0.85		0.85 - 0.92		0.92 - 0.98		0.98 - 1.05		1.05 - 1.12	
Sample Number	191464		191465		191466		191467		191468		191469		191470		191471	
Sample Date	*		*		*		*		*		*		*		*	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		6010		6010		6010		6010		6010		6010		6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum																
Antimony																
Arsenic	16	ug/l	15	ug/l	18	ug/l	21	ug/l	22	ug/l	19	ug/l	15	ug/l	31	ug/l
Barium																
Beryllium																
Cadmium	6	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Calcium																
Chromium																
Cobalt																
Copper	14	ug/l	7	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cyanide																
Iron																
Lead	39	ug/l	26	ug/l	20	ug/l	14	ug/l	13	ug/l	9	ug/l	7	ug/l	8	ug/l
Lithium																
Magnesium																
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	540	ug/l	430	ug/l	320	ug/l	220	ug/l	110	ug/l	120	ug/l	120	ug/l	110	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC2917			LC2917			LC2917			LC2917			LC2917			LC2917			LC2917			LC2917		
Location Cross Ref.	AN-93-A			AN-93-A			AN-93-A			AN-93-A			AN-93-A			AN-93-A			AN-93-A			AN-93-A		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER		
Matrix Type	Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water		
Depth Range in Ft.	1.12 - 1.18			1.18 - 1.25			1.25 - 1.31			1.31 - 1.38			1.38 - 1.44			1.44 - 1.51			1.51 - 1.57			1.57 - 1.64		
Sample Number	191472			191473			191474			191475			191476			191477			191478			191479		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic	39		ug/l	37		ug/l	33		ug/l	31		ug/l	30		ug/l	32		ug/l	35		ug/l	34		ug/l
Barium																								
Beryllium																								
Cadmium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Calcium																								
Chromium																								
Cobalt																								
Copper	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cyanide																								
Iron																								
Lead	3		ug/l	5		ug/l	6		ug/l	3		ug/l	1.4		ug/l	1.3		ug/l	1.2		ug/l	0.9		ug/l
Lithium																								
Magnesium																								
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	75		ug/l	79		ug/l	83		ug/l	77		ug/l	15		ug/l	26		ug/l	13		ug/l	14		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 3 - Lower Coeur d'Alene River - segment LCDRSeg05

Site Location	LC2917			LC2917			LC2917			LC2917			LC2917			LC2921			LC2921		
Location Cross Ref.	AN-93-A			AN-93-A			AN-93-A			AN-93-A			AN-93-A			ANDERSON-1			ANDERSON-1		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER			(14) UOFI/OTHER		
Matrix Type	Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Interstitial Water			Surface Water			Surface Water		
Depth Range in Ft.	1.64 - 1.71			1.71 - 1.77			1.77 - 1.84			1.84 - 1.9			1.9 - 1.97			-			-		
Sample Number	191480			191481			191482			191483			191484			191077			191078		
Sample Date	*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate		
Analytical Method	6010			6010			6010			6010			6010			6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																					
Antimony																					
Arsenic	36		ug/l	39		ug/l	42		ug/l	45		ug/l	47		ug/l	11		ug/l	16		ug/l
Barium																					
Beryllium																					
Cadmium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	13		ug/l	17		ug/l
Calcium																					
Chromium																					
Cobalt																					
Copper	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	11		ug/l	7		ug/l
Cyanide																					
Iron																					
Lead	0.8		ug/l	1.5		ug/l	1.8		ug/l	1.2		ug/l	2.9		ug/l	7		ug/l	13		ug/l
Lithium																					
Magnesium																					
Manganese																					
Mercury																					
Molybdenum																					
Nickel																					
Potassium																					
Selenium																					
Silicon																					
Silver																					
Sodium																					
Strontium																					
Sulfur																					
Thallium																					
Titanium																					
Uranium																					
Vanadium																					
Zinc	12		ug/l	8		ug/l	4		ug/l	2.9		ug/l	2.5		ug/l	530		ug/l	590		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg01

Site Location	CUA0171			CUA0172			CUA0173			CUA0174			CUA0175			CUA0175			CUA0176			CUA0177		
Location Cross Ref.	17-1S			17-2S			17-3S			17-4S			17-5S			17-5S			17-6S			17-7S		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	47649			47650			47651			47652			47653			47657			47654			47655		
Sample Date	08/06/1998			08/06/1998			08/06/1998			08/06/1998			08/06/1998			08/06/1998			08/06/1998			08/06/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	1200	J	ug/l	230	J	ug/l	750	J	ug/l	200	J	ug/l	400	J	ug/l	930	J	ug/l	950	J	ug/l	4700	J	ug/l
Antimony	0.66	J	ug/l	0.61	J	ug/l	0.59	J	ug/l	0.63	J	ug/l	0.66	J	ug/l	0.71	J	ug/l	0.73	J	ug/l	0.81	J	ug/l
Arsenic	2.8		ug/l	1.8	J	ug/l	2.5		ug/l	3.3		ug/l	3.4		ug/l	2.5		ug/l	3.5		ug/l	10		ug/l
Barium	44	J	ug/l	17	J	ug/l	51	J	ug/l	18	J	ug/l	26	J	ug/l	29	J	ug/l	39	J	ug/l	140	J	ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	1.7		ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1.2		ug/l	4.2		ug/l
Calcium	7800		ug/l	7100		ug/l	7800		ug/l	7200		ug/l	7700		ug/l	7600		ug/l	7900		ug/l	11000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	11		ug/l
Copper	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	18		ug/l
Cyanide																								
Iron	2700	J	ug/l	470	J	ug/l	1900	J	ug/l	520	J	ug/l	1500	J	ug/l	2400	J	ug/l	2800	J	ug/l	12000	J	ug/l
Lead	57		ug/l	9.2		ug/l	48		ug/l	13		ug/l	26		ug/l	29		ug/l	46		ug/l	190		ug/l
Lithium																								
Magnesium	2300		ug/l	1900		ug/l	2200		ug/l	2000		ug/l	2300		ug/l	2400		ug/l	2300		ug/l	3600		ug/l
Manganese	250		ug/l	38		ug/l	200		ug/l	47		ug/l	110		ug/l	94		ug/l	180		ug/l	750		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.22		ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium	890		ug/l	630	J	ug/l	760		ug/l	770		ug/l	880		ug/l	870		ug/l	900		ug/l	1500		ug/l
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	1500		ug/l	1500		ug/l	1500		ug/l	1500		ug/l	1600		ug/l	1700		ug/l	1500		ug/l	1800		ug/l
Strontium																								
Sulfur																								
Thallium	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Titanium																								
Uranium																								
Vanadium	5.1	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	20		ug/l
Zinc	280		ug/l	56		ug/l	120		ug/l	62		ug/l	110		ug/l	110		ug/l	180		ug/l	600		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg01

Site Location	CUA01722			CUA0301			CUA0302			CUA0302			CUA0303			CUA0305			CUA0306			CUA0307		
Location Cross Ref.	17-22DW			30-1S			30-2S			30-2S			30-3S			30-5S			30-6S			30-7S/W.5		
Location Type	Production Well			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(10) URS/SWRI			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS		
Matrix Type	Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	47658			47659			47660			47666			47661			47663			47664			47665		
Sample Date	08/06/1998			08/07/1998			08/07/1998			08/07/1998			08/07/1998			08/07/1998			08/07/1998			08/07/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	69	U	ug/l	22	U	ug/l	22	U	ug/l	150		ug/l	22	U	ug/l	710		ug/l	1700		ug/l
Antimony	0.3	U	ug/l	0.57	U	ug/l	0.43	U	ug/l	0.47	U	ug/l	0.39	U	ug/l	0.48	U	ug/l	0.41	U	ug/l	0.36	U	ug/l
Arsenic	6.4		ug/l	0.5	U	ug/l	0.61	U	ug/l	0.54	U	ug/l	0.73	U	ug/l	0.55	U	ug/l	0.84	U	ug/l	1.3	J	ug/l
Barium	78	J	ug/l	14	J	ug/l	13	J	ug/l	13	J	ug/l	16	J	ug/l	13	J	ug/l	29		ug/l	72		ug/l
Beryllium	1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.6	U	ug/l
Cadmium	1	U	ug/l	0.34	U	ug/l	0.22	U	ug/l	0.25	U	ug/l	0.37	U	ug/l	0.25	U	ug/l	0.73	U	ug/l	2		ug/l
Calcium	20000		ug/l	7300		ug/l	7100		ug/l	7000		ug/l	7400		ug/l	7100		ug/l	7800		ug/l	9800		ug/l
Chromium	5	U	ug/l	0.31	U	ug/l	0.26	U	ug/l	0.37	U	ug/l	0.32	U	ug/l	0.29	U	ug/l	0.44	U	ug/l	0.97	J	ug/l
Cobalt	5	U	ug/l	0.037	U	ug/l	0.037	U	ug/l	0.037	U	ug/l	0.21	U	ug/l	0.037	U	ug/l	1.4	U	ug/l	6.6		ug/l
Copper	21		ug/l	0.98	U	ug/l	0.91	U	ug/l	1.5	U	ug/l	1.1	U	ug/l	0.75	U	ug/l	1.7	U	ug/l	5.2		ug/l
Cyanide																								
Iron	1000	J	ug/l	180		ug/l	69	J	ug/l	31	J	ug/l	560		ug/l	48	J	ug/l	2300		ug/l	6000		ug/l
Lead	16		ug/l	2.1	U	ug/l	1.2	U	ug/l	0.81	U	ug/l	2.8	U	ug/l	1.2	U	ug/l	5.8		ug/l	14		ug/l
Lithium																								
Magnesium	15000		ug/l	1900		ug/l	1800		ug/l	1800		ug/l	1900		ug/l	1800		ug/l	2000		ug/l	2600		ug/l
Manganese	230		ug/l	26		ug/l	13		ug/l	8.7	U	ug/l	38		ug/l	14		ug/l	120		ug/l	440		ug/l
Mercury	0.2	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	4.4	U	ug/l	4.4	U	ug/l	4.4	U	ug/l	5.8	J	ug/l	4.4	U	ug/l	4.4	U	ug/l	4.4	U	ug/l
Potassium	3600		ug/l	640	J	ug/l	700	J	ug/l	590	J	ug/l	620	J	ug/l	620	J	ug/l	620	J	ug/l	680	J	ug/l
Selenium	1	U	ug/l	0.36	U	ug/l	0.38	U	ug/l	0.36	U	ug/l	0.37	U	ug/l	0.36	U	ug/l	0.32	U	ug/l	0.36	U	ug/l
Silicon																								
Silver	5	U	ug/l	4.3	U	ug/l	4.3	U	ug/l	4.3	U	ug/l	4.3	U	ug/l	4.3	U	ug/l	4.3	U	ug/l	4.3	U	ug/l
Sodium	16000		ug/l	1500		ug/l	1500		ug/l	1500		ug/l	1500		ug/l	1500		ug/l	1500		ug/l	1500		ug/l
Strontium																								
Sulfur																								
Thallium	0.4	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.2	U	ug/l	0.03	U	ug/l	0.03	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	2.6	U	ug/l	2.6	U	ug/l	2.6	U	ug/l	2.6	U	ug/l	2.6	U	ug/l	2.7	J	ug/l	9.7	J	ug/l
Zinc	250		ug/l	61		ug/l	43		ug/l	42		ug/l	68		ug/l	41		ug/l	120		ug/l	300		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg01

Site Location	SJ4		SJ4		SJ4		SJ4		SJ50		SJ50		SJ50		SJ50	
Location Cross Ref.	SJ004		SJ004		SJ004		SJ004		USGS ST JOE AT CAL		USGS ST JOE AT CAL		USGS ST JOE AT CAL		USGS ST JOE AT CAL	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(2) URS/MEL		(2) URS/LAUCKS		(3) URS/SWRI		(3) URS/SWRI		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER		(18) USGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	168403		168403		46327		46327		187043		187043		187044		187044	
Sample Date	11/11/1997		11/11/1997		05/06/1998		05/06/1998		10/21/1998		10/21/1998		11/19/1998		11/19/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	DIN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	31	ug/l	130 U	ug/l	50 U	ug/l	91	ug/l								
Antimony	0.5 U	ug/l	0.095 U	ug/l	0.5 U	ug/l	0.5 U	ug/l								
Arsenic	0.28	ug/l	0.31 UJ	ug/l	1 U	ug/l	1 U	ug/l								
Barium	9.4	ug/l	11 J	ug/l	6.2	ug/l	9.6	ug/l								
Beryllium	1 U	ug/l	0.35 U	ug/l	1 U	ug/l	1 U	ug/l								
Cadmium	0.04 U	ug/l	0.069 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l
Calcium	7000	ug/l	6700	ug/l	4500	ug/l	4400	ug/l			8100	ug/l			6300	ug/l
Chromium	5 U	ug/l	6 U	ug/l	5 U	ug/l	5 U	ug/l								
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l								
Copper	1.7	ug/l	2.4 J	ug/l	3 U	ug/l	3 U	ug/l								
Cyanide																
Iron	89	ug/l	240	ug/l	25 U	ug/l	160 U	ug/l								
Lead	1	ug/l	4.8	ug/l	0.5 U	ug/l	0.5 U	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l
Lithium																
Magnesium	1600	ug/l	1600	ug/l	1100	ug/l	1100	ug/l			1800	ug/l			1400	ug/l
Manganese	7.7	ug/l	18	ug/l	8.6	ug/l	13	ug/l								
Mercury	0.2 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l								
Molybdenum																
Nickel	0.3 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l								
Potassium	1100	ug/l	940	ug/l	510	ug/l	480	ug/l								
Selenium	1 U	ug/l	0.21 U	ug/l	1 U	ug/l	1 U	ug/l								
Silicon																
Silver	0.03 U	ug/l	0.22 U	ug/l	0.3 U	ug/l	0.3 U	ug/l								
Sodium	1600	ug/l	1600	ug/l	1700	ug/l	1800	ug/l								
Strontium																
Sulfur																
Thallium	0.5 U	ug/l	0.17 U	ug/l	0.1 U	ug/l	0.1 U	ug/l								
Titanium																
Uranium																
Vanadium	3 U	ug/l	2 U	ug/l	5 U	ug/l	5 U	ug/l								
Zinc	4.2	ug/l	13 U	ug/l	5 U	ug/l	5 U	ug/l	10	ug/l	20 UJ	ug/l	10	ug/l	20 UJ	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg01

Site Location	SJ50			SJ50			SJ50			SJ50			SJ50			SJ50			SJ50			SJ50		
Location Cross Ref.	USGS ST JOE AT CAL			USGS ST JOE AT CAL			USGS ST JOE AT CAL			USGS ST JOE AT CAL			USGS ST JOE AT CAL			USGS ST JOE AT CAL			USGS ST JOE AT CAL			USGS ST JOE AT CAL		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187045			187045			187046			187046			187047			187047			187048			187048		
Sample Date	12/09/1998			12/09/1998			01/26/1999			01/26/1999			02/09/1999			02/09/1999			03/10/1999			03/10/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Calcium				6500		ug/l				6700		ug/l				7200		ug/l				7200		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Lithium																								
Magnesium				1500		ug/l				1600		ug/l				1600		ug/l				1600		ug/l
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	10		ug/l	20	UJ	ug/l	10		ug/l	20	UJ	ug/l	10		ug/l	20	UJ	ug/l	40		ug/l	20	UJ	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg01

Site Location	SJ50	SJ50	SJ50	SJ50	SJ50	SJ50	SJ50	SJ50
Location Cross Ref.	USGS ST JOE AT CAL	USGS ST JOE AT CAL	USGS ST JOE AT CAL	USGS ST JOE AT CAL	USGS ST JOE AT CAL	USGS ST JOE AT CAL	USGS ST JOE AT CAL	USGS ST JOE AT CAL
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	187049	187049	187050	187051	202158	202158	202158	202159
Sample Date	04/14/1999	04/14/1999	05/10/1999	06/08/1999	07/14/1999	07/14/1999	07/14/1999	08/10/1999
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Field Duplicate	Field Duplicate	Field Duplicate	Environ. Sample
Analytical Method	6010	D6010	D6010	D6010	D6010	6010	D6010	D6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium	1 UJ ug/l	1 UJ ug/l	1 UJ ug/l	1 UJ ug/l		0.1 U ug/l	1 U ug/l	
Calcium		6500 ug/l	5400 ug/l	4100 ug/l	4.5 mg/l			6.9 mg/l
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead	1 UJ ug/l	1 UJ ug/l	1 UJ ug/l	1 UJ ug/l		0.1 U ug/l	1 U ug/l	
Lithium								
Magnesium		1500 ug/l	1200 ug/l	900 ug/l	0.96 mg/l			1.4 mg/l
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium			1000 ug/l	850 ug/l	0.85 mg/l			1.2 mg/l
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc	40 ug/l	20 UJ ug/l	1 UJ ug/l	1.2 UJ ug/l		1 U ug/l	2 ug/l	

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg01

Site Location	SJ50			SJ50			SJ50			SJ50			SJ50			SJ55			SJ55			SJ55		
Location Cross Ref.	USGS ST JOE AT CAL			USGS ST JOE AT CAL			USGS ST JOE AT CAL			USGS ST JOE AT CAL			USGS ST JOE AT CAL			USGS ST MARIES NR			USGS ST MARIES NR			USGS ST MARIES NR		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202159			202159			202160			202160			202160			187053			187053			187054		
Sample Date	08/10/1999			08/10/1999			09/09/1999			09/09/1999			09/09/1999			10/21/1998			10/21/1998			11/19/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	0.1	U	ug/l	1	U	ug/l				0.1	U	ug/l	1	U	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Calcium							7.6		mg/l										6100		ug/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	0.1	U	ug/l	1	U	ug/l				0.1	U	ug/l	1	U	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Lithium																								
Magnesium							1.6		mg/l										1400		ug/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium							1.2		mg/l															
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	1	U	ug/l	1	U	ug/l				1	U	ug/l	1	U	ug/l	10		ug/l	20	UJ	ug/l	10		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg01

Site Location	SJ55			SJ55			SJ55			SJ55			SJ55			SJ55			SJ55			SJ55		
Location Cross Ref.	USGS ST MARIES NR			USGS ST MARIES NR			USGS ST MARIES NR			USGS ST MARIES NR			USGS ST MARIES NR			USGS ST MARIES NR			USGS ST MARIES NR			USGS ST MARIES NR		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187054			187055			187055			187056			187056			187057			187057			187058		
Sample Date	11/19/1998			12/09/1998			12/09/1998			01/26/1999			01/26/1999			02/09/1999			02/09/1999			03/10/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Calcium	5800		ug/l				4300		ug/l				3700		ug/l				3600		ug/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1	UJ	ug/l	1	UJ	ug/l	1		ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Lithium																								
Magnesium	1300		ug/l				1200		ug/l				1000		ug/l				1000		ug/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	20	UJ	ug/l	10		ug/l	20	UJ	ug/l	10		ug/l	20	UJ	ug/l	10		ug/l	20	UJ	ug/l	40		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg01

Site Location	SJ55			SJ55			SJ55			SJ55			SJ55			SJ55			SJ55			SJ55		
Location Cross Ref.	USGS ST MARIES NR			USGS ST MARIES NR			USGS ST MARIES NR			USGS ST MARIES NR			USGS ST MARIES NR			USGS ST MARIES NR			USGS ST MARIES NR			USGS ST MARIES NR		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187058			187059			187059			187060			187061			187061			202155			202155		
Sample Date	03/10/1999			04/14/1999			04/14/1999			05/10/1999			06/07/1999			06/07/1999			07/14/1999			07/14/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate		
Analytical Method	D6010			6010			D6010			D6010			6010			D6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l				1	UJ	ug/l				0.1	U	ug/l
Calcium	3400		ug/l				3300		ug/l	3300		ug/l				3300		ug/l	4.5		mg/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1		ug/l				1		ug/l				0.17		ug/l
Lithium																								
Magnesium	930		ug/l				840		ug/l	750		ug/l				690		ug/l	0.92		mg/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium										1700		ug/l				1500		ug/l	1.8		mg/l			
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	20	UJ	ug/l	40		ug/l	20	UJ	ug/l	1		ug/l	60		ug/l	1		ug/l				1.1		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg01

Site Location	SJ55	SJ55	SJ55	SJ55	SJ55	SJ55	SJ55
Location Cross Ref.	USGS ST MARIES NR	USGS ST MARIES NR	USGS ST MARIES NR	USGS ST MARIES NR	USGS ST MARIES NR	USGS ST MARIES NR	USGS ST MARIES NR
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-
Sample Number	202155	202156	202156	202156	202157	202157	202157
Sample Date	07/14/1999	08/10/1999	08/10/1999	08/10/1999	09/09/1999	09/09/1999	09/09/1999
Sample Type	Field Duplicate	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	D6010	D6010	6010	D6010	D6010	6010	D6010

Analyte	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit
Aluminum																					
Antimony																					
Arsenic																					
Barium																					
Beryllium																					
Cadmium	1	U	ug/l				0.1	U	ug/l	1	U	ug/l				0.1	U	ug/l	1	U	ug/l
Calcium				5.6		mg/l							6		mg/l						
Chromium																					
Cobalt																					
Copper																					
Cyanide																					
Iron																					
Lead	1	U	ug/l				0.1	U	ug/l	1	U	ug/l				0.1	U	ug/l	1	U	ug/l
Lithium																					
Magnesium				1.2		mg/l							1.3		mg/l						
Manganese																					
Mercury																					
Molybdenum																					
Nickel																					
Potassium																					
Selenium																					
Silicon																					
Silver																					
Sodium				2.1		mg/l							2.2		mg/l						
Strontium																					
Sulfur																					
Thallium																					
Titanium																					
Uranium																					
Vanadium																					
Zinc	1	U	ug/l				1	U	ug/l	1	U	ug/l				1	U	ug/l	1	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg02

Site Location	CL8135			CL8135			CL8135			CL8136			CL8136			CL8136			CL8230			CL8230		
Location Cross Ref.	K07229702			K07229702			K07229702			K07229703			K07229703			K07229703			K07179702			K07179702		
Location Type	Adit			Adit			Adit			Adit			Adit			Adit			Adit			Adit		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187877			187877			187877			187878			187878			187878			187972			187972		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			7470			6010			D6010			7470			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum				0.089	U	mg/l							0.089	U	mg/l							0.089	U	mg/l
Antimony																								
Arsenic	0.38		mg/l							0.26		mg/l							0.012		mg/l			
Barium	0.004	U	mg/l	0.0026		mg/l				0.004	U	mg/l	0.002		mg/l				0.008		mg/l	0.005		mg/l
Beryllium																								
Cadmium	0.012		mg/l	0.0071		mg/l				0.004		mg/l	0.0023	U	mg/l				0.007		mg/l	0.0033		mg/l
Calcium																								
Chromium	0.013	U	mg/l	0.0051		mg/l				0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0044	U	mg/l
Cobalt																								
Copper	0.035	U	mg/l	0.015		mg/l				0.035	U	mg/l	0.0084	U	mg/l				0.035	U	mg/l	0.008	U	mg/l
Cyanide																								
Iron	0.012	U	mg/l	0.0037	U	mg/l				0.012	U	mg/l	0.0037	U	mg/l				0.071		mg/l	0.0037	U	mg/l
Lead	0.015	U	mg/l							0.0022		mg/l							0.003		mg/l			
Lithium																								
Magnesium																								
Manganese	0.004		mg/l	0.0012	U	mg/l				0.002	U	mg/l	0.0012	U	mg/l				0.009		mg/l	0.004		mg/l
Mercury							0.005	U	mg/l							0.005	U	mg/l						
Molybdenum																								
Nickel	0.02	U	mg/l	0.007	U	mg/l				0.02	U	mg/l	0.007	U	mg/l				0.06		mg/l	0.019		mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	0.69		mg/l	0.67		mg/l				0.011		mg/l	0.014		mg/l				0.003	U	mg/l	0.0066		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg02

Site Location	CL8230			CL8231			CL8231			CL8231			CUA00115			CUA00116			CUA00117			CUA00117		
Location Cross Ref.	K07179702			K07239702			K07239702			K07239702			1-15S.5/W6			1-16S.5/W6			1-17S.5/W6			1-17S.5/W6		
Location Type	Adit			Adit			Adit			Adit			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187972			187973			187973			187973			47616			47617			46462			47618		
Sample Date	*			*			*			*			08/06/1998			08/06/1998			08/06/1998			08/06/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate		
Analytical Method	7470			6010			D6010			7470			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							0.089	U	mg/l				4700		ug/l	2500		ug/l	1300		ug/l	1100		ug/l
Antimony													1	U	ug/l	1.1	U	ug/l	0.5	U	ug/l	0.6	U	ug/l
Arsenic				0.029	U	mg/l							3.1		ug/l	2.2	U	ug/l	1.2	U	ug/l	0.9	U	ug/l
Barium				0.004	U	mg/l	0.0044		mg/l				84		ug/l	53		ug/l	29		ug/l	27		ug/l
Beryllium													1	U	ug/l	0.9	U	ug/l	0.7	U	ug/l	0.3	U	ug/l
Cadmium				0.003	U	mg/l	0.0023	U	mg/l				4.9		ug/l	4.2		ug/l	1.1	U	ug/l	1		ug/l
Calcium													8500		ug/l	7500		ug/l	6500		ug/l	6900		ug/l
Chromium				0.013	U	mg/l	0.0044	U	mg/l				3.2	J	ug/l	1.1	U	ug/l	0.5	U	ug/l	0.6	U	ug/l
Cobalt													2	J	ug/l	1.3	U	ug/l	0.3	U	ug/l	0.4	U	ug/l
Copper				0.035	U	mg/l	0.008	U	mg/l				26	J	ug/l	25	J	ug/l	2.5	J	ug/l	3.1	J	ug/l
Cyanide																								
Iron				0.012	U	mg/l	0.0037	U	mg/l				7900		ug/l	4900		ug/l	1900		ug/l	1700		ug/l
Lead				0.015	U	mg/l							260		ug/l	190		ug/l	22		ug/l	26		ug/l
Lithium																								
Magnesium													3500		ug/l	2900		ug/l	2200		ug/l	2000		ug/l
Manganese				0.002	U	mg/l	0.002	U	mg/l				350	J	ug/l	290	J	ug/l	88		ug/l	93		ug/l
Mercury	0.005	U	mg/l							0.005	U	mg/l	0.74		ug/l	0.15	U	ug/l	0.1	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel				0.02	U	mg/l	0.007	U	mg/l				4.5	J	ug/l	4.4	U	ug/l	4.4	U	ug/l	5.6	J	ug/l
Potassium													1300		ug/l	970		ug/l	770		ug/l	710	J	ug/l
Selenium													0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l
Silicon																								
Silver													4.3	U	ug/l	4.3	U	ug/l	4.3	U	ug/l	4.3	U	ug/l
Sodium													1800		ug/l	1700		ug/l	1600		ug/l	1500		ug/l
Strontium																								
Sulfur																								
Thallium													0.1	U	ug/l	0.1	U	ug/l	2.8		ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium													11		ug/l	6.1	J	ug/l	2.6	U	ug/l	2.6	U	ug/l
Zinc				0.003	U	mg/l	0.006		mg/l				840		ug/l	520		ug/l	280		ug/l	290		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg02

Site Location	CUA00118		CUA00119		CUA00120		CUA00121		CUA0021		CUA0022		CUA0023		CUA0024	
Location Cross Ref.	1-18S.5/W6		1-19S.5/W6		1-20S.5/W6		1-21S.5/W6		2-1S/W.5		2-2S/W.5		2-3S/W.5		2-4S/W.5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo	
(Ref) Source/Lab	(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47619		47620		47621		47622		46455		46456		46457		46458	
Sample Date	08/06/1998		08/06/1998		08/06/1998		08/06/1998		08/07/1998		08/07/1998		08/07/1998		08/07/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	8800	ug/l	7200	ug/l	960	ug/l	2800	ug/l	3200	ug/l	2200	ug/l	57 J	ug/l	180	ug/l
Antimony	1.2 U	ug/l	0.9 U	ug/l	0.6 U	ug/l	0.9 U	ug/l	0.73 U	ug/l	0.88 U	ug/l	0.41 U	ug/l	0.6 U	ug/l
Arsenic	4.7	ug/l	3.3	ug/l	1.4 U	ug/l	2.4 U	ug/l	2.7 U	ug/l	2.1 U	ug/l	0.36 U	ug/l	0.61 U	ug/l
Barium	110	ug/l	84	ug/l	31	ug/l	52	ug/l	60	ug/l	53	ug/l	13 J	ug/l	17 J	ug/l
Beryllium	0.9 U	ug/l	0.7 U	ug/l	1 U	ug/l	0.8 U	ug/l	0.7 U	ug/l	0.9 U	ug/l	0.6 U	ug/l	0.8 U	ug/l
Cadmium	6.1	ug/l	4.5	ug/l	5.1	ug/l	11	ug/l	7.5	ug/l	11	ug/l	0.29 U	ug/l	0.91 J	ug/l
Calcium	8100	ug/l	8300	ug/l	7100	ug/l	8100	ug/l	8000	ug/l	8100	ug/l	6300	ug/l	6600	ug/l
Chromium	4.8 J	ug/l	3.5 J	ug/l	0.6 U	ug/l	2 J	ug/l	2.4 J	ug/l	2.5 J	ug/l	0.19 J	ug/l	0.33 J	ug/l
Cobalt	3.1 J	ug/l	1.7 J	ug/l	0.5 U	ug/l	1.4 U	ug/l	1.5 U	ug/l	1.5 J	ug/l	0.037 U	ug/l	0.037 U	ug/l
Copper	18 J	ug/l	11 J	ug/l	3.6 J	ug/l	8.1 J	ug/l	7.9	ug/l	7.7	ug/l	1 U	ug/l	1.3 U	ug/l
Cyanide																
Iron	12000	ug/l	9500	ug/l	1600	ug/l	4700	ug/l	4800	ug/l	3800	ug/l	78 U	ug/l	280 U	ug/l
Lead	180	ug/l	110	ug/l	43	ug/l	110	ug/l	85	ug/l	91	ug/l	1.5 J	ug/l	5.9	ug/l
Lithium																
Magnesium	4800	ug/l	4500	ug/l	2200	ug/l	3300	ug/l	3400	ug/l	3200	ug/l	1800 U	ug/l	1900	ug/l
Manganese	630	ug/l	330	ug/l	120	ug/l	270	ug/l	330	ug/l	270	ug/l	4.7 U	ug/l	18	ug/l
Mercury	0.13 U	ug/l	0.12 J	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 UJ	ug/l	0.1 UJ	ug/l
Molybdenum																
Nickel	13 J	ug/l	7 J	ug/l	5.6 J	ug/l	5.7 J	ug/l	6.3 J	ug/l	4.4 U	ug/l	4.4 U	ug/l	4.4 U	ug/l
Potassium	1800	ug/l	1700	ug/l	740 J	ug/l	1300	ug/l	1300	ug/l	1200	ug/l	540 J	ug/l	720 J	ug/l
Selenium	0.36 U	ug/l	0.36 U	ug/l	0.4 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l
Silicon																
Silver	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l
Sodium	1800	ug/l	1900	ug/l	1700	ug/l	1800	ug/l	1800	ug/l	1700	ug/l	1600	ug/l	1700	ug/l
Strontium																
Sulfur																
Thallium	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.12 U	ug/l	0.2 U	ug/l	0.03 U	ug/l	0.14 U	ug/l
Titanium																
Uranium																
Vanadium	15	ug/l	13	ug/l	2.6 U	ug/l	6.3 J	ug/l	6.5 J	ug/l	6.2 J	ug/l	2.6 U	ug/l	2.6 U	ug/l
Zinc	1100	ug/l	810	ug/l	370	ug/l	790	ug/l	670	ug/l	790	ug/l	61	ug/l	86	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg02

Site Location	CUA0025		CUA0026		CUA0027		CUA00920		CUA00921		CUA00922		CUA00923		CUA00924	
Location Cross Ref.	2-5S/W.5		2-6S/W.5		2-7S/W.5		9-20S/W.5		9-21S/W.5		9-22S/W.5		9-23S/W.5		9-24S/W.5	
Location Type	Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo	
(Ref) Source/Lab	(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	46459		46460		46461		46496		46497		46498		46499		46500	
Sample Date	08/07/1998		08/07/1998		08/07/1998		08/10/1998		08/10/1998		08/10/1998		08/10/1998		08/10/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	640	ug/l	1800	ug/l	1600	ug/l	1200 J	ug/l	1000 J	ug/l	710 J	ug/l	810 J	ug/l	540 J	ug/l
Antimony	0.5 U	ug/l	0.6 U	ug/l	0.7 U	ug/l	0.8 J	ug/l	0.77 J	ug/l	0.55 J	ug/l	0.58 J	ug/l	0.61 J	ug/l
Arsenic	0.9 U	ug/l	1.2 U	ug/l	1.7 U	ug/l	2.3	ug/l	3.9	ug/l	1.9 J	ug/l	1.5 J	ug/l	2.4	ug/l
Barium	21	ug/l	32	ug/l	34	ug/l	36 J	ug/l	34 J	ug/l	31 J	ug/l	24 J	ug/l	26 J	ug/l
Beryllium	0.8 U	ug/l	0.7 U	ug/l	0.9 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	1.4	ug/l	1.8	ug/l	1.7	ug/l	2.9	ug/l	2.5	ug/l	1.1	ug/l	1 U	ug/l	1 U	ug/l
Calcium	6700	ug/l	6700	ug/l	6800	ug/l	6600	ug/l	8200	ug/l	7200	ug/l	6400	ug/l	7100	ug/l
Chromium	0.5 U	ug/l	1.1 U	ug/l	1.6 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	0.3 U	ug/l	0.6 U	ug/l	0.8 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	1.9 UJ	ug/l	3.3 J	ug/l	5.2 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cyanide																
Iron	980	ug/l	2200	ug/l	2500	ug/l	2100 J	ug/l	1800 J	ug/l	1200 J	ug/l	1300 J	ug/l	890 J	ug/l
Lead	18	ug/l	34	ug/l	60	ug/l	69	ug/l	31	ug/l	28	ug/l	16	ug/l	16	ug/l
Lithium																
Magnesium	2200	ug/l	2600	ug/l	2600	ug/l	2400	ug/l	2600	ug/l	2200	ug/l	2200	ug/l	2100	ug/l
Manganese	42	ug/l	130	ug/l	130	ug/l	150	ug/l	150	ug/l	130	ug/l	68	ug/l	83	ug/l
Mercury	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	4.4 U	ug/l	4.4 U	ug/l	4.4 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	810	ug/l	860	ug/l	920	ug/l	770	ug/l	850	ug/l	710 J	ug/l	800	ug/l	790	ug/l
Selenium	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Silicon																
Silver	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	1700	ug/l	1600	ug/l	1600	ug/l	1500	ug/l	1500	ug/l	1500	ug/l	1400	ug/l	1400	ug/l
Strontium																
Sulfur																
Thallium	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l
Titanium																
Uranium																
Vanadium	2.6 U	ug/l	2.6 U	ug/l	4.2 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	190	ug/l	390	ug/l	480	ug/l	490	ug/l	530	ug/l	510	ug/l	250	ug/l	340	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg02

Site Location	CUA00925		CUA00926		CUA00926		CUA0108		CUA0109		CUA01010		CUA01011		CUA01012	
Location Cross Ref.	9-25S/W.5		9-26S/W.5		9-26S/W.5		10-8S/W.5		10-9S/W.5		10-10S/W.5		10-11S/W.5		10-12S/W.5	
Location Type	Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo	
(Ref) Source/Lab	(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	46471		46474		46473		46481		46482		46483		46485		46487	
Sample Date	08/10/1998		08/10/1998		08/10/1998		08/11/1998		08/11/1998		08/11/1998		08/11/1998		08/11/1998	
Sample Type	Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	1600 J	ug/l	2900 J	ug/l	1600 J	ug/l	890	ug/l	840	ug/l	850	ug/l	380	ug/l	530	ug/l
Antimony	0.63 J	ug/l	0.63 J	ug/l	0.58 J	ug/l	0.95 U	ug/l	0.56 U	ug/l	0.47 U	ug/l	0.48 U	ug/l	0.41 U	ug/l
Arsenic	2.6	ug/l	3.6	ug/l	2.8	ug/l	0.7 U	ug/l	0.65 U	ug/l	0.56 U	ug/l	0.46 U	ug/l	0.3 U	ug/l
Barium	45 J	ug/l	62 J	ug/l	45 J	ug/l	24	ug/l	26	ug/l	25	ug/l	17 J	ug/l	20	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.8 U	ug/l	0.7 U	ug/l	1 U	ug/l	0.7 U	ug/l	0.8 U	ug/l
Cadmium	1.4	ug/l	1.6	ug/l	1.2	ug/l	1 U	ug/l	1.8	ug/l	0.67 U	ug/l	0.56 U	ug/l	0.64 U	ug/l
Calcium	8500	ug/l	13000	ug/l	8300	ug/l	6800	ug/l	6800	ug/l	6600	ug/l	6300	ug/l	6300	ug/l
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	0.8 U	ug/l	0.84 U	ug/l	1.2 J	ug/l	0.54 J	ug/l	0.69 J	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	0.18 U	ug/l	0.3 U	ug/l	0.31 U	ug/l	0.037 U	ug/l	0.14 J	ug/l
Copper	5 U	ug/l	8 J	ug/l	5 U	ug/l	2.7 J	ug/l	3 J	ug/l	6	ug/l	2.5 J	ug/l	2.6 J	ug/l
Cyanide																
Iron	2400 J	ug/l	4900 J	ug/l	2800 J	ug/l	1500	ug/l	1700	ug/l	1800	ug/l	810	ug/l	1200	ug/l
Lead	33	ug/l	31	ug/l	20	ug/l	12	ug/l	12	ug/l	10	ug/l	4.9	ug/l	6.4	ug/l
Lithium																
Magnesium	2800	ug/l	3600	ug/l	2800	ug/l	2000	ug/l	2100	ug/l	2100	ug/l	1900	ug/l	1900	ug/l
Manganese	190	ug/l	230	ug/l	160	ug/l	46	ug/l	45	ug/l	40	ug/l	15	ug/l	27	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	5 U	ug/l	5 U	ug/l	4.4 U	ug/l	4.4 U	ug/l	4.4 U	ug/l	4.4 U	ug/l	4.4 U	ug/l
Potassium	970	ug/l	1200	ug/l	960	ug/l	880	ug/l	900	ug/l	880	ug/l	700 J	ug/l	800	ug/l
Selenium	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.39 U	ug/l	0.36 U	ug/l	0.36 U	ug/l
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l
Sodium	1500	ug/l	1500	ug/l	1500	ug/l	1700	ug/l	1700	ug/l	1700	ug/l	1600	ug/l	1600	ug/l
Strontium																
Sulfur																
Thallium	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.03 U	ug/l	0.61 U	ug/l	0.03 U	ug/l	0.03 U	ug/l	0.03 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	2.6 U	ug/l	2.6 U	ug/l	2.6 U	ug/l	2.6 U	ug/l	2.6 U	ug/l
Zinc	700	ug/l	740	ug/l	480	ug/l	140	ug/l	190	ug/l	140	ug/l	86	ug/l	120	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg02

Site Location	CUA01013		CUA01014		CUA01120		CUA01121		CUA01122		CUA01123		CUA01123		CUA01124	
Location Cross Ref.	10-13S/W.5		10-14S/W.5		11-20S/W.5		11-21S/W.5		11-22S/W.5		11-23S/W.5		11-23S/W.5		11-24S/W.5	
Location Type	Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo	
(Ref) Source/Lab	(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	46488		47713		46476		46477		46478		46479		46484		46480	
Sample Date	08/11/1998		08/11/1998		08/11/1998		08/11/1998		08/11/1998		08/11/1998		08/11/1998		08/11/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	1300	ug/l	170	ug/l	110	ug/l	160	ug/l	650	ug/l	60 J	ug/l	140	ug/l	58 J	ug/l
Antimony	0.61 U	ug/l	0.41 U	ug/l	0.48 U	ug/l	0.48 U	ug/l	0.42 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.5 U	ug/l
Arsenic	1.2 U	ug/l	0.51 U	ug/l	0.38 U	ug/l	0.54 U	ug/l	1.1 U	ug/l	0.49 U	ug/l	0.8 U	ug/l	0.48 U	ug/l
Barium	33	ug/l	15 J	ug/l	15 J	ug/l	15 J	ug/l	25	ug/l	14 J	ug/l	16 J	ug/l	12 J	ug/l
Beryllium	0.8 U	ug/l	0.6 U	ug/l	0.8 U	ug/l	1 U	ug/l	0.9 U	ug/l	1 U	ug/l	0.7 U	ug/l	0.9 U	ug/l
Cadmium	2.6	ug/l	0.34 U	ug/l	0.32 U	ug/l	0.28 U	ug/l	0.91 U	ug/l	0.44 U	ug/l	0.59 U	ug/l	0.22 U	ug/l
Calcium	6900	ug/l	6300	ug/l	6100	ug/l	6300	ug/l	6900	ug/l	6100	ug/l	6600	ug/l	5900	ug/l
Chromium	1.5 J	ug/l	0.26 J	ug/l	0.33 U	ug/l	0.39 U	ug/l	1.2 J	ug/l	0.2 U	ug/l	0.29 U	ug/l	0.16 U	ug/l
Cobalt	0.9 U	ug/l	0.037 U	ug/l	0.037 U	ug/l	0.037 U	ug/l	0.37 U	ug/l	0.037 U	ug/l	0.037 U	ug/l	0.11 U	ug/l
Copper	5.3	ug/l	1.5 U	ug/l	1.9 U	ug/l	1.8 U	ug/l	3.1 J	ug/l	1.1 U	ug/l	1.4 U	ug/l	0.84 U	ug/l
Cyanide																
Iron	2900	ug/l	360	ug/l	320	ug/l	230 U	ug/l	1300	ug/l	130 U	ug/l	250 U	ug/l	33 U	ug/l
Lead	19	ug/l	4.8	ug/l	3.4	ug/l	3.2	ug/l	15	ug/l	2	ug/l	3.4	ug/l	0.42 J	ug/l
Lithium																
Magnesium	2200	ug/l	1800	ug/l	1800	ug/l	1800	ug/l	2100	ug/l	1700	ug/l	1800	ug/l	1700	ug/l
Manganese	160	ug/l	11	ug/l	12	ug/l	11	ug/l	50	ug/l	11	ug/l	21	ug/l	3.3 J	ug/l
Mercury	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l
Molybdenum																
Nickel	4.4 U	ug/l	4.8 J	ug/l	4.4 U	ug/l	4.4 U	ug/l	4.4 U	ug/l	5 J	ug/l	4.4 U	ug/l	4.4 U	ug/l
Potassium	920	ug/l	730 J	ug/l	620 J	ug/l	700 J	ug/l	870	ug/l	620 J	ug/l	740 J	ug/l	550 J	ug/l
Selenium	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.51 U	ug/l	0.36 U	ug/l	0.32 U	ug/l	1.2 U	ug/l	0.38 U	ug/l
Silicon																
Silver	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l
Sodium	1700	ug/l	1600	ug/l	1600	ug/l	1700	ug/l	1700	ug/l	1600	ug/l	1700	ug/l	1500	ug/l
Strontium																
Sulfur																
Thallium	0.03 U	ug/l	0.03 U	ug/l	0.16 U	ug/l	0.17 U	ug/l	0.1 U	ug/l	0.03 U	ug/l	6.2	ug/l	0.11 U	ug/l
Titanium																
Uranium																
Vanadium	2.6 U	ug/l	2.6 U	ug/l	2.6 U	ug/l	2.6 U	ug/l	2.6 U	ug/l	2.6 U	ug/l	2.6 U	ug/l	2.6 U	ug/l
Zinc	260	ug/l	88	ug/l	86	ug/l	130	ug/l	200	ug/l	70	ug/l	83	ug/l	58	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg02

Site Location	CUA01125			CUA01126			CUA0128			CUA0129			CUA01210			CUA01211			CUA01211			CUA01212		
Location Cross Ref.	11-25S/W.5			11-26S/W.5			12-8S/W.5			12-9S/W.5			12-10S/W.5			12-11S/W.5			12-11S/W.5			12-12S/W.5		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	47711			47712			47714			47715			47716			47717			47718			47719		
Sample Date	08/11/1998			08/11/1998			08/12/1998			08/12/1998			08/12/1998			08/12/1998			08/12/1998			08/12/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	31	J	ug/l	46	J	ug/l	230		ug/l	1100		ug/l	200		ug/l	82	J	ug/l	170		ug/l	110		ug/l
Antimony	0.42	U	ug/l	0.37	U	ug/l	0.49	J	ug/l	0.58	J	ug/l	0.56	J	ug/l	0.51	J	ug/l	0.51	J	ug/l	0.51	J	ug/l
Arsenic	0.42	U	ug/l	0.51	U	ug/l	1.5	U	ug/l	2.3	U	ug/l	1.7	U	ug/l	1.2	U	ug/l	1.4	U	ug/l	0.64	J	ug/l
Barium	13	J	ug/l	13	J	ug/l	17	J	ug/l	33	J	ug/l	18	J	ug/l	14	J	ug/l	15	J	ug/l	15	J	ug/l
Beryllium	0.9	U	ug/l	0.9	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	0.25	U	ug/l	0.27	U	ug/l	1	U	ug/l	1.5		ug/l	1.9		ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Calcium	6300		ug/l	6300		ug/l	5800		ug/l	6400		ug/l	6100		ug/l	5900		ug/l	5800		ug/l	5600		ug/l
Chromium	0.18	U	ug/l	0.26	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	0.12	U	ug/l	0.1	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	0.72	U	ug/l	0.92	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cyanide																								
Iron	24	U	ug/l	71	U	ug/l	470		ug/l	1900		ug/l	570		ug/l	130		ug/l	320		ug/l	180		ug/l
Lead	0.42	J	ug/l	0.71	J	ug/l	5.3		ug/l	17		ug/l	7.5		ug/l	3.3		ug/l	3.1		ug/l	2.7	J	ug/l
Lithium																								
Magnesium	1800		ug/l	1800		ug/l	1800		ug/l	2100		ug/l	1800		ug/l	1800		ug/l	1800		ug/l	1700		ug/l
Manganese	2.7	J	ug/l	7.4	J	ug/l	22		ug/l	100		ug/l	41		ug/l	7.4	J	ug/l	15		ug/l	8.3	J	ug/l
Mercury	0.1	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	4.4	U	ug/l	4.5	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium	570	J	ug/l	590	J	ug/l	540	J	ug/l	860		ug/l	680	J	ug/l	610	J	ug/l	670	J	ug/l	680	J	ug/l
Selenium	0.36	U	ug/l	0.36	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver	4.3	U	ug/l	4.3	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	1600		ug/l	1600		ug/l	1400		ug/l	1400		ug/l	1300		ug/l	1400		ug/l	1400		ug/l	1400		ug/l
Strontium																								
Sulfur																								
Thallium	0.03	U	ug/l	0.03	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Titanium																								
Uranium																								
Vanadium	2.6	U	ug/l	2.6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	58		ug/l	62		ug/l	110		ug/l	290		ug/l	160		ug/l	64		ug/l	86		ug/l	69		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg02

Site Location	CUA01213		CUA01214		CUA0181		CUA0182		CUA0182		CUA0183		CUA0184		CUA0185	
Location Cross Ref.	12-13S/W.5		12-14S/W.5		18-1S/W.5		18-2S/W.5		18-2S/W.5		18-3S/W.5		18-4S/W.5		18-5S/W.5	
Location Type	Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo	
(Ref) Source/Lab	(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47720		47721		47638		47639		47646		47640		47641		47642	
Sample Date	08/12/1998		08/12/1998		08/06/1998		08/06/1998		08/06/1998		08/06/1998		08/06/1998		08/06/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	310	ug/l	510	ug/l	4500 J	ug/l	470 J	ug/l	370 J	ug/l	1100	ug/l	2100	ug/l	270 J	ug/l
Antimony	0.5 J	ug/l	0.51 J	ug/l	1.4 J	ug/l	1.1 J	ug/l	1.3 J	ug/l	1.5 J	ug/l	3.5 J	ug/l	0.99 J	ug/l
Arsenic	1.4 U	ug/l	1.6 U	ug/l	8.6	ug/l	6.8	ug/l	6.1	ug/l	8	ug/l	15	ug/l	6.3	ug/l
Barium	16 J	ug/l	31 J	ug/l	97 J	ug/l	28 J	ug/l	25 J	ug/l	32 J	ug/l	48 J	ug/l	23 J	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	1 U	ug/l	1 U	ug/l	3.6	ug/l	1.8	ug/l	1.3	ug/l	1.3	ug/l	2.4	ug/l	1 U	ug/l
Calcium	5700	ug/l	6900	ug/l	11000	ug/l	7500	ug/l	7400	ug/l	7700	ug/l	8400	ug/l	7400	ug/l
Chromium	5 U	ug/l	5 U	ug/l	6.1 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	6.3 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	5 U	ug/l	5 U	ug/l	19	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	13	ug/l	5 U	ug/l
Cyanide																
Iron	550	ug/l	810	ug/l	11000 J	ug/l	2200 J	ug/l	1700 J	ug/l	3500	ug/l	8500	ug/l	1700 J	ug/l
Lead	4.4	ug/l	18	ug/l	320	ug/l	180	ug/l	140	ug/l	170	ug/l	470	ug/l	120	ug/l
Lithium																
Magnesium	1800	ug/l	1900	ug/l	4200	ug/l	2200	ug/l	2200	ug/l	2600	ug/l	3200	ug/l	2100	ug/l
Manganese	14	ug/l	79	ug/l	520	ug/l	190	ug/l	150	ug/l	210	ug/l	460	ug/l	120	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.23	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.35	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	5 U	ug/l	6.7 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	650 J	ug/l	710 J	ug/l	1600	ug/l	620 J	ug/l	640 J	ug/l	880	ug/l	1100	ug/l	570 J	ug/l
Selenium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	1300	ug/l	1400	ug/l	1600	ug/l	1500	ug/l	1400	ug/l	1500	ug/l	1500	ug/l	1500	ug/l
Strontium																
Sulfur																
Thallium	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	12	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	6.3 J	ug/l	5 U	ug/l
Zinc	110	ug/l	320	ug/l	520	ug/l	240	ug/l	180	ug/l	210	ug/l	750	ug/l	180	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg02

Site Location	CUA0185		CUA0186		CUA0187		CUA0191		CUA0192		CUA0193		CUA0193		CUA0194	
Location Cross Ref.	18-5S/W.5		18-6S/W.5		18-7S/W.5		19-1S/W.5		19-2S/W.5		19-3S/W.5		19-3S/W.5		19-4S/W.5	
Location Type	Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo	
(Ref) Source/Lab	(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47645		47643		47644		47667		47668		47669		47670		47671	
Sample Date	08/06/1998		08/06/1998		08/06/1998		08/11/1998		08/11/1998		08/11/1998		08/11/1998		08/11/1998	
Sample Type	Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	240 J	ug/l	740 J	ug/l	720 J	ug/l	13000	ug/l	1000	ug/l	2100	ug/l	1500	ug/l	17000	ug/l
Antimony	0.96 J	ug/l	1.4 J	ug/l	2.3 J	ug/l	1.8 U	ug/l	0.64 U	ug/l	0.74 U	ug/l	0.67 U	ug/l	2.4 U	ug/l
Arsenic	5.9	ug/l	8.2	ug/l	9.7	ug/l	4.1	ug/l	0.74 U	ug/l	1.1 U	ug/l	0.76 U	ug/l	3.5	ug/l
Barium	21 J	ug/l	37 J	ug/l	31 J	ug/l	200	ug/l	25	ug/l	37	ug/l	29	ug/l	210	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.7 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.8 U	ug/l
Cadmium	1 U	ug/l	1.8	ug/l	2	ug/l	7.3 J	ug/l	0.81 UJ	ug/l	1.5 J	ug/l	0.8 UJ	ug/l	7.5 J	ug/l
Calcium	7200	ug/l	7700	ug/l	7600	ug/l	11000	ug/l	6300	ug/l	6100	ug/l	6100	ug/l	11000	ug/l
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	8.8	ug/l	1 U	ug/l	1.6 J	ug/l	2.4 J	ug/l	9.4	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	7.7	ug/l	0.34 U	ug/l	0.67 J	ug/l	1.7 U	ug/l	5.4	ug/l
Copper	5 U	ug/l	5.8 J	ug/l	5.9 J	ug/l	130 J	ug/l	2.8 J	ug/l	6.7 J	ug/l	5.5 J	ug/l	36 J	ug/l
Cyanide																
Iron	1300 J	ug/l	3500 J	ug/l	3500 J	ug/l	19000	ug/l	1300	ug/l	3100	ug/l	2100	ug/l	24000	ug/l
Lead	85	ug/l	300	ug/l	320	ug/l	260	ug/l	11	ug/l	33	ug/l	7.5	ug/l	240	ug/l
Lithium																
Magnesium	2100	ug/l	2500	ug/l	2400	ug/l	4500	ug/l	1900	ug/l	2000	ug/l	1900	ug/l	5300	ug/l
Manganese	91	ug/l	240	ug/l	290	ug/l	550	ug/l	55	ug/l	76	ug/l	72	ug/l	460	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	5 U	ug/l	5 U	ug/l	11 J	ug/l	4.4 U	ug/l	4.4 U	ug/l	4.4 U	ug/l	15 J	ug/l
Potassium	620 J	ug/l	780	ug/l	730 J	ug/l	3100	ug/l	740 J	ug/l	910	ug/l	830	ug/l	3600	ug/l
Selenium	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.32 J	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l
Sodium	1500	ug/l	1500	ug/l	1500	ug/l	2200	ug/l	1600	ug/l	1500	ug/l	1600	ug/l	2300	ug/l
Strontium																
Sulfur																
Thallium	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.33 U	ug/l	0.089 U	ug/l	0.17 U	ug/l	0.2 U	ug/l	0.36 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	30	ug/l	2.9 J	ug/l	5.1 J	ug/l	3.2 J	ug/l	36	ug/l
Zinc	110	ug/l	360	ug/l	350	ug/l	2200	ug/l	140 J	ug/l	280 J	ug/l	100 J	ug/l	2300	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg02

Site Location	CUA0195		CUA0196		CUA0197		CUA0231		CUA0232		CUA0233		CUA0234		CUA0235	
Location Cross Ref.	19-5S/W.5		19-6S/W.5		19-7S/W.5		23-1S		23-2S		23-3S/W.5		23-4S		23-5S	
Location Type	Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo	
(Ref) Source/Lab	(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47672		47673		47674		46633		46634		46635		46636		46637	
Sample Date	08/11/1998		08/11/1998		08/11/1998		07/31/1998		07/31/1998		07/31/1998		07/31/1998		07/31/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	1700	ug/l	1000	ug/l	2400	ug/l	150	ug/l	720	ug/l	720	ug/l	460	ug/l	1200	ug/l
Antimony	1.1 U	ug/l	0.61 U	ug/l	0.64 U	ug/l	0.74 J	ug/l	0.75 J	ug/l	0.71 J	ug/l	0.85 J	ug/l	0.9 J	ug/l
Arsenic	1.4 U	ug/l	0.94 U	ug/l	1 U	ug/l	1.7 J	ug/l	1.5 J	ug/l	1.4 J	ug/l	1.5 J	ug/l	2.1	ug/l
Barium	41	ug/l	46	ug/l	48	ug/l	17 J	ug/l	27 J	ug/l	27 J	ug/l	22 J	ug/l	36 J	ug/l
Beryllium	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	2.2 J	ug/l	1.6 UJ	ug/l	1.5 J	ug/l	1 U	ug/l	1.2	ug/l	1.7	ug/l	1.5	ug/l	4.2	ug/l
Calcium	6500	ug/l	6200	ug/l	6800	ug/l	7000	ug/l	7300	ug/l	7400	ug/l	7200	ug/l	7700	ug/l
Chromium	2.3 J	ug/l	1.2 J	ug/l	0.21 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	1.1 U	ug/l	0.43 U	ug/l	0.77 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	6.8 J	ug/l	4.5 J	ug/l	4.1 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cyanide																
Iron	2400	ug/l	1500	ug/l	2900	ug/l	360	ug/l	1500	ug/l	1700	ug/l	1000	ug/l	2700	ug/l
Lead	46	ug/l	24	ug/l	23	ug/l	7.9	ug/l	20	ug/l	25	ug/l	24	ug/l	56	ug/l
Lithium																
Magnesium	2000	ug/l	1900	ug/l	2200	ug/l	2000	ug/l	2100	ug/l	2100	ug/l	2100	ug/l	2300	ug/l
Manganese	94	ug/l	70	ug/l	88	ug/l	30	ug/l	86	ug/l	110	ug/l	120	ug/l	210	ug/l
Mercury	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	4.4 U	ug/l	4.4 U	ug/l	4.4 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	850	ug/l	710 J	ug/l	1100	ug/l	520 J	ug/l	670 J	ug/l	570 J	ug/l	700 J	ug/l	710 J	ug/l
Selenium	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	1 U	ug/l	1.2 J	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Silicon																
Silver	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	1500	ug/l	1500	ug/l	1700	ug/l	1400	ug/l	1400	ug/l	1400	ug/l	1500	ug/l	1600	ug/l
Strontium																
Sulfur																
Thallium	0.21 U	ug/l	0.25 U	ug/l	0.14 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l
Titanium																
Uranium																
Vanadium	2.6 U	ug/l	2.6 U	ug/l	5.4 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	370 J	ug/l	250 J	ug/l	280 J	ug/l	76	ug/l	120	ug/l	160	ug/l	160	ug/l	300	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg02

Site Location	CUA0236		CUA0236		CUA0237		CUA02415		CUA02416		CUA02417		CUA02418		CUA02419	
Location Cross Ref.	23-6S/W.5		23-6S/W.5		23-7S		24-15S/W.5		24-16S/W.5		24-17S/W.5		24-18S/W.5		24-19S/W.5	
Location Type	Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo	
(Ref) Source/Lab	(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	46638		46640		46639		47676		47677		47678		47679		47680	
Sample Date	07/31/1998		07/31/1998		07/31/1998		08/12/1998		08/12/1998		08/12/1998		08/12/1998		08/12/1998	
Sample Type	Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	660	ug/l	290	ug/l	410	ug/l	8100	ug/l	3300	ug/l	4900	ug/l	1500	ug/l	7300	ug/l
Antimony	0.88 J	ug/l	0.78 J	ug/l	0.87 J	ug/l	0.5 U	ug/l	0.63 U	ug/l	0.6 U	ug/l	0.46 U	ug/l	0.7 U	ug/l
Arsenic	1.6 J	ug/l	1.3 J	ug/l	1.9 J	ug/l	2.1	ug/l	3	ug/l	2.2	ug/l	1.9 J	ug/l	6.8	ug/l
Barium	27 J	ug/l	19 J	ug/l	25 J	ug/l	100	ug/l	54	ug/l	76	ug/l	28	ug/l	84	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.6 U	ug/l	0.2 U	ug/l	0.3 U	ug/l	0.2 U	ug/l	0.6 U	ug/l
Cadmium	2.7	ug/l	1.1	ug/l	3.2	ug/l	3.3 J	ug/l	1.4 J	ug/l	2.2 J	ug/l	0.38 J	ug/l	1.8 J	ug/l
Calcium	7400	ug/l	7100	ug/l	7600	ug/l	9300	ug/l	9900	ug/l	13000	ug/l	9400	ug/l	17000	ug/l
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	12	ug/l	3.7 J	ug/l	4.9 J	ug/l	2.7 J	ug/l	9.2	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5.7	ug/l	2.4 J	ug/l	2.9 J	ug/l	0.95 U	ug/l	5.3 J	ug/l
Copper	5 U	ug/l	5 U	ug/l	5 U	ug/l	14 J	ug/l	7.3 J	ug/l	7.3 J	ug/l	3.9 J	ug/l	15 J	ug/l
Cyanide																
Iron	1400	ug/l	650	ug/l	1200	ug/l	11000	ug/l	5000	ug/l	7300	ug/l	2300	ug/l	9700	ug/l
Lead	35	ug/l	15	ug/l	37	ug/l	32	ug/l	13	ug/l	18	ug/l	5.5	ug/l	28	ug/l
Lithium																
Magnesium	2100	ug/l	2000	ug/l	2100	ug/l	6500	ug/l	4000	ug/l	4900	ug/l	2800	ug/l	6700	ug/l
Manganese	160	ug/l	72	ug/l	170	ug/l	270	ug/l	180	ug/l	260	ug/l	80	ug/l	300	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.1 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	5 U	ug/l	5 U	ug/l	12 J	ug/l	6.7 J	ug/l	4.4 U	ug/l	4.4 U	ug/l	8.9 J	ug/l
Potassium	700 J	ug/l	600 J	ug/l	600 J	ug/l	2700	ug/l	1500	ug/l	2000	ug/l	1000	ug/l	2300	ug/l
Selenium	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l
Sodium	1500	ug/l	1500	ug/l	1500	ug/l	1800	ug/l	1700	ug/l	1700	ug/l	1500	ug/l	1800	ug/l
Strontium																
Sulfur																
Thallium	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.24 U	ug/l	0.19 U	ug/l	0.15 U	ug/l	0.071 U	ug/l	0.19 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	19	ug/l	5.4 J	ug/l	11	ug/l	2.6 U	ug/l	14	ug/l
Zinc	190	ug/l	100	ug/l	230	ug/l	550 J	ug/l	240 J	ug/l	340 J	ug/l	88 J	ug/l	440 J	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg02

Site Location	CUA02420			CUA02421			CUA0261			CUA0262			CUA0263			CUA0264			CUA0265			CUA0266		
Location Cross Ref.	24-20S/W.5			24-21S/W.5			26-1S/W.5			26-2S/W.5			26-3S/W.5			26-4S/W.5			26-5S/W.5			26-6S/W.5		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	47681			47682			47701			47702			47703			47704			47705			47706		
Sample Date	08/12/1998			08/12/1998			08/09/1998			08/09/1998			08/09/1998			08/09/1998			08/09/1998			08/09/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	2200		ug/l	5400		ug/l	1400	J	ug/l	2900		ug/l	280		ug/l	2900		ug/l	1900		ug/l	4700		ug/l
Antimony	0.55	U	ug/l	0.65	U	ug/l	0.73	J	ug/l	0.74	J	ug/l	0.61	J	ug/l	0.69	J	ug/l	0.76	J	ug/l	0.99	J	ug/l
Arsenic	2.2		ug/l	3.1	U	ug/l	1.7	J	ug/l	2.2	U	ug/l	1.1	U	ug/l	2.4	U	ug/l	2.3	U	ug/l	2.7	U	ug/l
Barium	30		ug/l	78		ug/l	31	J	ug/l	55	J	ug/l	16	J	ug/l	58	J	ug/l	41	J	ug/l	80	J	ug/l
Beryllium	0.2	U	ug/l	0.6	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	1.2	J	ug/l	3.1		ug/l	1.5		ug/l	4		ug/l	1	U	ug/l	1.7		ug/l	2.2		ug/l	4.8		ug/l
Calcium	8500		ug/l	11000		ug/l	6300		ug/l	6800		ug/l	5800		ug/l	7000		ug/l	6600		ug/l	8100		ug/l
Chromium	1.3	U	ug/l	6.3		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	0.46	U	ug/l	3.7	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	5.2	J	ug/l	8.9		ug/l	5	U	ug/l	6.1	J	ug/l	5	U	ug/l	6.3	J	ug/l	5	U	ug/l	11		ug/l
Cyanide																								
Iron	2900		ug/l	8200		ug/l	2800	J	ug/l	6700		ug/l	450		ug/l	5900		ug/l	4300		ug/l	10000		ug/l
Lead	21		ug/l	30		ug/l	28		ug/l	57		ug/l	5.4		ug/l	46		ug/l	36		ug/l	74		ug/l
Lithium																								
Magnesium	3000		ug/l	5300		ug/l	2200		ug/l	2600		ug/l	1800		ug/l	2600		ug/l	2400		ug/l	3100		ug/l
Manganese	81		ug/l	270		ug/l	53		ug/l	160		ug/l	12		ug/l	110		ug/l	93		ug/l	150		ug/l
Mercury	0.1	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	4.4	U	ug/l	12	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium	1100		ug/l	2100		ug/l	860		ug/l	1000		ug/l	570	J	ug/l	1000		ug/l	840		ug/l	1200		ug/l
Selenium	0.36	U	ug/l	0.36	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver	4.3	U	ug/l	4.3	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	1500		ug/l	1900		ug/l	1500		ug/l	1400		ug/l	1300		ug/l	1500		ug/l	1400		ug/l	1700		ug/l
Strontium																								
Sulfur																								
Thallium	0.098	U	ug/l	0.1	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Titanium																								
Uranium																								
Vanadium	2.8	J	ug/l	13		ug/l	5.1	J	ug/l	16		ug/l	5	U	ug/l	15		ug/l	9.4	J	ug/l	26		ug/l
Zinc	210	J	ug/l	440		ug/l	210		ug/l	460		ug/l	72		ug/l	300		ug/l	270		ug/l	610		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg02

Site Location	CUA0266			CUA0267			CUA0268			CUA0269			CUA0271			CUA0272			CUA0273			CUA0274		
Location Cross Ref.	26-6S/W.5			26-7S/W.5			26-8S/W.5			26-9S/W.5			27-1S			27-2S			27-3S/W.5			27-4S/W.5		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Ground Surface/Near Surf			Ground Surface/Near Surf			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	47710			47707			47708			47709			46626			46627			46628			46629		
Sample Date	08/09/1998			08/09/1998			08/09/1998			08/09/1998			07/31/1998			07/31/1998			07/31/1998			07/31/1998		
Sample Type	Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	4700		ug/l	1600		ug/l	3100		ug/l	1600		ug/l	50	U	ug/l	720		ug/l	630		ug/l	3500		ug/l
Antimony	0.96	J	ug/l	0.71	J	ug/l	0.81	J	ug/l	0.68	J	ug/l	0.65	J	ug/l	0.53	J	ug/l	0.6	J	ug/l	0.64	J	ug/l
Arsenic	2.6	U	ug/l	1.9	U	ug/l	2.7	U	ug/l	2	U	ug/l	0.97	J	ug/l	1.3	J	ug/l	1.1	J	ug/l	2.1		ug/l
Barium	66	J	ug/l	41	J	ug/l	63	J	ug/l	35	J	ug/l	14	J	ug/l	25	J	ug/l	23	J	ug/l	65	J	ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	3.3		ug/l	2.7		ug/l	3.9		ug/l	2.4		ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1.6		ug/l
Calcium	7000		ug/l	6400		ug/l	7000		ug/l	6600		ug/l	6400		ug/l	6700		ug/l	6600		ug/l	7800		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	7.8	J	ug/l	5	U	ug/l	6.4	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	J	ug/l
Cyanide																								
Iron	10000		ug/l	3300		ug/l	6600		ug/l	3300		ug/l	75	J	ug/l	1400		ug/l	1200		ug/l	5800		ug/l
Lead	63		ug/l	40		ug/l	66		ug/l	28		ug/l	0.94	J	ug/l	3.1		ug/l	5.2		ug/l	11		ug/l
Lithium																								
Magnesium	2800		ug/l	2200		ug/l	2700		ug/l	2300		ug/l	1800		ug/l	2000		ug/l	2000		ug/l	2800		ug/l
Manganese	130		ug/l	77		ug/l	150		ug/l	74		ug/l	9.5	J	ug/l	79		ug/l	95		ug/l	220		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.3		ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium	1200		ug/l	760		ug/l	1000		ug/l	760		ug/l	640	J	ug/l	610	J	ug/l	600	J	ug/l	900		ug/l
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	1500		ug/l	1400		ug/l	1400		ug/l	1500		ug/l	1600		ug/l	1500		ug/l	1400		ug/l	1500		ug/l
Strontium																								
Sulfur																								
Thallium	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Titanium																								
Uranium																								
Vanadium	25		ug/l	9.1	J	ug/l	15		ug/l	7.5	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	8.6	J	ug/l
Zinc	470		ug/l	310		ug/l	470		ug/l	240		ug/l	52		ug/l	79		ug/l	100		ug/l	210		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg02

Site Location	CUA0275		CUA0276		CUA0277		CUA02722		CUA0291		CUA0292		CUA0292		CUA0293	
Location Cross Ref.	27-5S		27-6S		27-7S		27-22DW		29-1S/W.5		29-2S/W.5		29-2S/W.5		29-3S/W.5	
Location Type	Ground Surface/Near Surf		Ground Surface/Near Surf		Ground Surface/Near Surf		Spigot/Faucet		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo	
(Ref) Source/Lab	(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS		(10) URS/LAUCKS	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	46630		46631		46632		46463		47850		47851		47852		47853	
Sample Date	07/31/1998		07/31/1998		07/31/1998		07/31/1998		08/31/1998		08/31/1998		08/31/1998		08/31/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	270	ug/l	50 U	ug/l	220	ug/l	320	ug/l	2700	ug/l	2700	ug/l	4300	ug/l	16000	ug/l
Antimony	0.58 J	ug/l	0.57 J	ug/l	0.59 J	ug/l	0.3 U	ug/l	1.2 U	ug/l	0.83 U	ug/l	0.94 U	ug/l	0.84 U	ug/l
Arsenic	1.1 J	ug/l	0.92 J	ug/l	1.1 J	ug/l	0.65 J	ug/l	2.2	ug/l	1.8 U	ug/l	2.2	ug/l	4.6	ug/l
Barium	18 J	ug/l	14 J	ug/l	18 J	ug/l	5 U	ug/l	60	ug/l	53	ug/l	67	ug/l	180	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.3 U	ug/l	0.3 U	ug/l	0.3 U	ug/l	0.8 U	ug/l
Cadmium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	8.3	ug/l	6.1	ug/l	7.5	ug/l	14	ug/l
Calcium	6500	ug/l	6400	ug/l	6400	ug/l	13000	ug/l	8900	ug/l	8500	ug/l	8900	ug/l	14000	ug/l
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	4.2 J	ug/l	2 J	ug/l	2.8 J	ug/l	8.7	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	3.4 J	ug/l	2.3 J	ug/l	2.9 J	ug/l	6.5 J	ug/l
Copper	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	9.1	ug/l	6.1	ug/l	7.8	ug/l	17	ug/l
Cyanide																
Iron	550	ug/l	100	ug/l	520	ug/l	370	ug/l	5900	ug/l	5100	ug/l	8100	ug/l	32000	ug/l
Lead	2.9	ug/l	1 J	ug/l	4.7	ug/l	0.5 U	ug/l	190	ug/l	93	ug/l	120	ug/l	300	ug/l
Lithium																
Magnesium	1900	ug/l	1800	ug/l	1800	ug/l	5300	ug/l	2700 J	ug/l	2600 J	ug/l	3000 J	ug/l	5400 J	ug/l
Manganese	49	ug/l	15	ug/l	76	ug/l	5 U	ug/l	270	ug/l	220	ug/l	300	ug/l	970	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.11 J	ug/l	0.1 U	ug/l	0.1 U	ug/l	0.13 J	ug/l
Molybdenum																
Nickel	5 U	ug/l	27	ug/l	5 U	ug/l	5 U	ug/l	4.4 U	ug/l	5.1 U	ug/l	5.4 U	ug/l	10 U	ug/l
Potassium	570 J	ug/l	530 J	ug/l	480 J	ug/l	1900	ug/l	1100	ug/l	1000	ug/l	1300	ug/l	2300	ug/l
Selenium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l	0.36 U	ug/l
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l	4.3 U	ug/l
Sodium	1300	ug/l	1400	ug/l	1300	ug/l	4300	ug/l	1700	ug/l	1800	ug/l	1800	ug/l	2600	ug/l
Strontium																
Sulfur																
Thallium	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.25 U	ug/l	0.03 U	ug/l	0.095 U	ug/l	0.17 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	14 U	ug/l	17 U	ug/l	25	ug/l	83	ug/l
Zinc	74	ug/l	52	ug/l	94	ug/l	5 U	ug/l	670	ug/l	470	ug/l	590	ug/l	1100	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg02

Site Location	CUA0294			CUA0295			CUA0296			CUA0297		
Location Cross Ref.	29-4S/W.5			29-5S/W.5			29-6S/W.5			29-7S/W.5		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-		
Sample Number	47854			47855			47856			47857		
Sample Date	08/31/1998			08/31/1998			08/31/1998			08/31/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	1500		ug/l	880		ug/l	2900		ug/l	7500		ug/l
Antimony	0.74	U	ug/l	0.64	U	ug/l	0.77	U	ug/l	0.83	U	ug/l
Arsenic	1.8	U	ug/l	1.5	U	ug/l	2.6		ug/l	3.5		ug/l
Barium	39		ug/l	32		ug/l	62		ug/l	180		ug/l
Beryllium	0.3	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.7	U	ug/l
Cadmium	3.8		ug/l	3.3		ug/l	7.3		ug/l	17		ug/l
Calcium	7800		ug/l	7700		ug/l	9000		ug/l	13000		ug/l
Chromium	1.2	J	ug/l	0.77	J	ug/l	2.1	J	ug/l	5		ug/l
Cobalt	1.6	UJ	ug/l	1.2	UJ	ug/l	3	J	ug/l	12	J	ug/l
Copper	3.6	J	ug/l	2.8	J	ug/l	7.2		ug/l	44		ug/l
Cyanide												
Iron	2700		ug/l	2200		ug/l	6300		ug/l	19000		ug/l
Lead	52		ug/l	46		ug/l	92		ug/l	320		ug/l
Lithium												
Magnesium	2400	J	ug/l	2300	J	ug/l	2800	J	ug/l	4900	J	ug/l
Manganese	160		ug/l	160		ug/l	310		ug/l	720		ug/l
Mercury	0.1	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.11	J	ug/l
Molybdenum												
Nickel	4.4	U	ug/l	8.7	U	ug/l	4.4	U	ug/l	13	U	ug/l
Potassium	960		ug/l	810		ug/l	1100		ug/l	1600		ug/l
Selenium	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	0.36	U	ug/l
Silicon												
Silver	4.3	U	ug/l	4.3	U	ug/l	4.3	U	ug/l	4.3	U	ug/l
Sodium	1700		ug/l	1600		ug/l	1700		ug/l	1900		ug/l
Strontium												
Sulfur												
Thallium	0.03	U	ug/l	0.03	U	ug/l	0.03	U	ug/l	0.19	U	ug/l
Titanium												
Uranium												
Vanadium	10	U	ug/l	4.5	U	ug/l	16	U	ug/l	54		ug/l
Zinc	300		ug/l	300		ug/l	590		ug/l	1700		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg03

Site Location	CL8108		CL8108		CL8110		CL8110		CL8112		CL8112		CL8154		CL8154	
Location Cross Ref.	R07309701		R07309701		R08119701		R08119701		R72297001		R72297001		R07319702		R07319702	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		Spring/Seep		Spring/Seep	
(Ref) Source/Lab	(13) IGS/OTHER		(13) IGS/OTHER		(13) IGS/OTHER		(13) IGS/OTHER		(13) IGS/OTHER		(13) IGS/OTHER		(13) IGS/OTHER		(13) IGS/OTHER	
Matrix Type	Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
Depth Range in Ft.	0 - 0		0 - 0		-		-		-		-		-		-	
Sample Number	187859		187859		187861		187861		187863		187863		187896		187896	
Sample Date	*		*		*		*		*		*		*		*	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	6010		D6010		6010		D6010		6010		D6010		6010		D6010	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum			0.089 U	mg/l			0.089 U	mg/l			0.089 U	mg/l			0.094	mg/l
Antimony																
Arsenic													0.029 U	mg/l		
Barium	0.01	mg/l	0.0099	mg/l	0.009	mg/l	0.01	mg/l	0.01	mg/l	0.01	mg/l	0.02	mg/l	0.018	mg/l
Beryllium																
Cadmium	0.006	mg/l	0.0029	mg/l	0.003 U	mg/l	0.0023 U	mg/l	0.004	mg/l	0.0032	mg/l	0.007	mg/l	0.0023 U	mg/l
Calcium																
Chromium	0.013 U	mg/l	0.0044 U	mg/l	0.013 U	mg/l	0.0044 U	mg/l	0.013 U	mg/l	0.0055	mg/l	0.02	mg/l	0.0044 U	mg/l
Cobalt																
Copper	0.035 U	mg/l	0.018	mg/l	0.035 U	mg/l	0.0097	mg/l	0.035 U	mg/l	0.016	mg/l	0.035 U	mg/l	0.0084 U	mg/l
Cyanide																
Iron	0.016	mg/l	0.012	mg/l	0.22	mg/l	0.15	mg/l	0.032	mg/l	0.0037 U	mg/l	0.012 U	mg/l	0.02	mg/l
Lead													0.015 U	mg/l		
Lithium																
Magnesium																
Manganese	0.004	mg/l	0.0039	mg/l	0.016	mg/l	0.018	mg/l	0.002	mg/l	0.0012 U	mg/l	0.004	mg/l	0.0041	mg/l
Mercury																
Molybdenum																
Nickel	0.02 U	mg/l	0.021	mg/l	0.02 U	mg/l	0.007 U	mg/l	0.02 U	mg/l	0.016	mg/l	0.02 U	mg/l	0.007 U	mg/l
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	0.003 U	mg/l	0.008	mg/l	0.003 U	mg/l	0.0028	mg/l	0.051	mg/l	0.013	mg/l	0.003 U	mg/l	0.0025 U	mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg03

Site Location	CL8154			CL8157			CL8157			CL8157			CL8158			CL8158			CL8158			CL8159		
Location Cross Ref.	R07319702			R72297003			R72297003			R72297003			R72297005			R72297005			R72297005			R72297006		
Location Type	Spring/Seep			Spring/Seep			Spring/Seep			Spring/Seep			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187896			187899			187899			187899			187900			187900			187900			187901		
Sample Date	*			*			*			*			*			*			*			*		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	7470			6010			D6010			7470			6010			D6010			7470			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum							0.1		mg/l							0.089	U	mg/l						
Antimony																								
Arsenic				0.029	U	mg/l							0.0033		mg/l							0.029	U	mg/l
Barium				0.012		mg/l	0.014		mg/l				0.007		mg/l	0.0095		mg/l				0.006		mg/l
Beryllium																								
Cadmium				0.003		mg/l	0.0023	U	mg/l				0.004		mg/l	0.003		mg/l				0.004		mg/l
Calcium																								
Chromium				0.013	U	mg/l	0.0044	U	mg/l				0.013	U	mg/l	0.0077		mg/l				0.013	U	mg/l
Cobalt																								
Copper				0.035	U	mg/l	0.0088		mg/l				0.035	U	mg/l	0.014		mg/l				0.035	U	mg/l
Cyanide																								
Iron				0.074		mg/l	0.0037	U	mg/l				0.012	U	mg/l	0.0037	U	mg/l				0.012	U	mg/l
Lead				0.015	U	mg/l							0.015	U	mg/l							0.015	U	mg/l
Lithium																								
Magnesium																								
Manganese				0.002	U	mg/l	0.0012	U	mg/l				0.002	U	mg/l	0.0012	U	mg/l				0.002	U	mg/l
Mercury	0.005	U	mg/l							0.005	U	mg/l							0.005	U	mg/l			
Molybdenum																								
Nickel				0.02	U	mg/l	0.007	U	mg/l				0.02	U	mg/l	0.008		mg/l				0.02	U	mg/l
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				0.004		mg/l	0.0038		mg/l				0.006		mg/l	0.011		mg/l				0.004		mg/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg03

Site Location	CL8159			CL8159			CL8160			CL8160			CL8160			CUA0151			CUA0152			CUA0153		
Location Cross Ref.	R72297006			R72297006			R72297007			R72297007			R72297007			15-1S.5/W6			15-2S.5/W6			15-3S.3/W6		
Location Type	River/Stream			River/Stream			Adit			Adit			Adit			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(13) IGS/OTHER			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187901			187901			187902			187902			187902			47623			47624			47625		
Sample Date	*			*			*			*			*			08/05/1998			08/05/1998			08/05/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			7470			6010			D6010			7470			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	0.089	U	mg/l							0.18		mg/l				82	J	ug/l	87	J	ug/l	220		ug/l
Antimony																0.48	J	ug/l	0.47	J	ug/l	0.51	J	ug/l
Arsenic							0.015		mg/l							1.2	U	ug/l	0.95	U	ug/l	1.4	U	ug/l
Barium	0.01		mg/l				0.004	U	mg/l	0.0065		mg/l				13	J	ug/l	13	J	ug/l	20	J	ug/l
Beryllium																1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	0.0027		mg/l				0.007		mg/l	0.0042		mg/l				1	U	ug/l	1	U	ug/l	1	U	ug/l
Calcium																5500		ug/l	5600		ug/l	5700		ug/l
Chromium	0.0061		mg/l				0.013	U	mg/l	0.0044	U	mg/l				5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt																5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	0.014		mg/l				0.035	U	mg/l	0.016		mg/l				5	U	ug/l	5	U	ug/l	5	U	ug/l
Cyanide																								
Iron	0.0037	U	mg/l				0.71		mg/l	0.55		mg/l				130		ug/l	140		ug/l	410		ug/l
Lead							0.015	U	mg/l							0.79	J	ug/l	0.89	J	ug/l	7.5		ug/l
Lithium																								
Magnesium																1600		ug/l	1600		ug/l	1700		ug/l
Manganese	0.0012	U	mg/l				0.35		mg/l	0.35		mg/l				7.9	J	ug/l	5.9	J	ug/l	22		ug/l
Mercury				0.005	U	mg/l							0.005	U	mg/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum																								
Nickel	0.008		mg/l				0.02	U	mg/l	0.012		mg/l				5	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium																680	J	ug/l	690	J	ug/l	700	J	ug/l
Selenium																1	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver																5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium																1500		ug/l	1500		ug/l	1400		ug/l
Strontium																								
Sulfur																								
Thallium																0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Titanium																								
Uranium																								
Vanadium																5	U	ug/l	5	U	ug/l	5	U	ug/l
Zinc	0.0036		mg/l				0.68		mg/l	0.64		mg/l				54		ug/l	54		ug/l	110		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg03

Site Location	CUA0154		CUA0155		CUA0156		CUA0157		CUA0161		CUA0162		CUA0162		CUA0163	
Location Cross Ref.	15-4S.2/W6		15-5S.18/W6		15-6S.25/W6		15-7S.2/W6		16-1S/W.5		16-2S/W.5		16-2S/W.5		16-3S/W.5	
Location Type	Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo	
(Ref) Source/Lab	(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47626		47627		47628		47629		47630		47637		47631		47632	
Sample Date	08/05/1998		08/05/1998		08/05/1998		08/05/1998		08/05/1998		08/05/1998		08/05/1998		08/05/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	2200	ug/l	2000	ug/l	160 J	ug/l	390 J	ug/l	1600 J	ug/l	2600 J	ug/l	1500 J	ug/l	1500 J	ug/l
Antimony	0.87 J	ug/l	0.64 J	ug/l	0.54 J	ug/l	0.52 J	ug/l	0.62 J	ug/l	0.65 J	ug/l	0.69 J	ug/l	0.6 J	ug/l
Arsenic	2.2 U	ug/l	1.6 U	ug/l	1 J	ug/l	1.2 J	ug/l	4.7	ug/l	1.9 J	ug/l	2.2	ug/l	2.6	ug/l
Barium	100 J	ug/l	47 J	ug/l	17 J	ug/l	23 J	ug/l	130 J	ug/l	76 J	ug/l	65 J	ug/l	100 J	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	5.8	ug/l	3.5	ug/l	1 U	ug/l	1	ug/l	4.1	ug/l	2.8	ug/l	2.5	ug/l	2.5	ug/l
Calcium	7300	ug/l	6400	ug/l	5600	ug/l	5900	ug/l	7700	ug/l	9700	ug/l	8900	ug/l	14000	ug/l
Chromium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	8.8 J	ug/l	7.6 J	ug/l	5 U	ug/l	5 U	ug/l	5.8 J	ug/l	9.8 J	ug/l	5 U	ug/l	5 U	ug/l
Cyanide																
Iron	3100	ug/l	4100	ug/l	310 J	ug/l	910 J	ug/l	3200 J	ug/l	4900 J	ug/l	3100 J	ug/l	2200 J	ug/l
Lead	37	ug/l	24	ug/l	2.7	ug/l	6.5	ug/l	38	ug/l	44	ug/l	50	ug/l	23	ug/l
Lithium																
Magnesium	2200	ug/l	2200	ug/l	1700	ug/l	1800	ug/l	2100	ug/l	2400	ug/l	2000	ug/l	1900	ug/l
Manganese	100	ug/l	91	ug/l	18	ug/l	50	ug/l	210	ug/l	140	ug/l	120	ug/l	160	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	960	ug/l	1100	ug/l	550 J	ug/l	520 J	ug/l	960	ug/l	1000	ug/l	800	ug/l	730 J	ug/l
Selenium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	1500	ug/l	1400	ug/l	1400	ug/l	1400	ug/l	1500	ug/l	1500	ug/l	1500	ug/l	1500	ug/l
Strontium																
Sulfur																
Thallium	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l
Titanium																
Uranium																
Vanadium	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Zinc	470	ug/l	330	ug/l	79	ug/l	140	ug/l	480	ug/l	460	ug/l	370	ug/l	360	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 4 - Coeur d'Alene Lake - segment CDALakeSeg03

Site Location	CUA0164			CUA0165			CUA0166			CUA0167		
Location Cross Ref.	16-4S/W.5			16-5S/W.5			16-6S/W.5			16-7S/W.5		
Location Type	Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-		
Sample Number	47633			47634			47635			47636		
Sample Date	08/05/1998			08/05/1998			08/05/1998			08/05/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	2300	J	ug/l	980	J	ug/l	260	J	ug/l	830	J	ug/l
Antimony	0.65	J	ug/l	0.62	J	ug/l	0.52	J	ug/l	0.55	J	ug/l
Arsenic	1.9	J	ug/l	1.5	J	ug/l	1.2	J	ug/l	1.7	J	ug/l
Barium	64	J	ug/l	46	J	ug/l	23	J	ug/l	42	J	ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	1.2		ug/l	1.7		ug/l	1	U	ug/l	1.4		ug/l
Calcium	7800		ug/l	8100		ug/l	6800		ug/l	18000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	5.1	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Cyanide												
Iron	2800	J	ug/l	1900	J	ug/l	660	J	ug/l	1600	J	ug/l
Lead	18		ug/l	21		ug/l	6.4		ug/l	13		ug/l
Lithium												
Magnesium	2200		ug/l	1900		ug/l	1700		ug/l	2500		ug/l
Manganese	50		ug/l	67		ug/l	36		ug/l	190		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l
Molybdenum												
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l	18	J	ug/l
Potassium	820		ug/l	760		ug/l	580	J	ug/l	860		ug/l
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon												
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	1500		ug/l	1500		ug/l	1500		ug/l	1600		ug/l
Strontium												
Sulfur												
Thallium	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Titanium												
Uranium												
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l	20		ug/l
Zinc	190		ug/l	250		ug/l	94		ug/l	180		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg01

Site Location	CUA00315		CUA00316		CUA00317		CUA00318		CUA00318		CUA00319		CUA00320		CUA00321	
Location Cross Ref.	3-15S/W.5		3-16S/W.5		3-17S/W.5		3-18S/W.5		3-18S/W.5		3-19S/W.5		3-20S/W.5		3-21S/W.5	
Location Type	River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream		River/Stream	
(Ref) Source/Lab	(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	47601		47602		47603		47604		47608		47605		47606		47607	
Sample Date	08/04/1998		08/04/1998		08/04/1998		08/04/1998		08/04/1998		08/04/1998		08/04/1998		08/04/1998	
Sample Type	Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	9200	ug/l	18000	ug/l	9100	ug/l	3700	ug/l	1800	ug/l	3000	ug/l	3200	ug/l	640	ug/l
Antimony	1.2 J	ug/l	1.3 J	ug/l	1.7 J	ug/l	0.92 J	ug/l	0.7 J	ug/l	0.9 J	ug/l	0.72 J	ug/l	0.71 J	ug/l
Arsenic	4.9	ug/l	7.7	ug/l	6	ug/l	2.6 U	ug/l	1.7 U	ug/l	3.5 U	ug/l	7.5	ug/l	1.8 U	ug/l
Barium	100 J	ug/l	180 J	ug/l	100 J	ug/l	49 J	ug/l	32 J	ug/l	49 J	ug/l	55 J	ug/l	25 J	ug/l
Beryllium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Cadmium	4.4	ug/l	6.4	ug/l	6.3	ug/l	2.1	ug/l	1 U	ug/l	3.7	ug/l	1 U	ug/l	1 U	ug/l
Calcium	11000	ug/l	15000	ug/l	9800	ug/l	7300	ug/l	6600	ug/l	7000	ug/l	11000	ug/l	6700	ug/l
Chromium	10	ug/l	22	ug/l	9.6 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Cobalt	7.4 J	ug/l	13	ug/l	6.7 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Copper	20	ug/l	38	ug/l	17	ug/l	6.4 J	ug/l	5 U	ug/l	5.5 J	ug/l	8.2 J	ug/l	5 U	ug/l
Cyanide																
Iron	14000	ug/l	27000	ug/l	13000	ug/l	5000	ug/l	2400	ug/l	4200	ug/l	5400	ug/l	1100	ug/l
Lead	96	ug/l	190	ug/l	220	ug/l	61	ug/l	31	ug/l	34	ug/l	22	ug/l	21	ug/l
Lithium																
Magnesium	7700	ug/l	13000	ug/l	6700	ug/l	3700	ug/l	2700	ug/l	3200	ug/l	4100	ug/l	2100	ug/l
Manganese	470	ug/l	810	ug/l	480	ug/l	130	ug/l	71	ug/l	170	ug/l	190	ug/l	59	ug/l
Mercury	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l
Molybdenum																
Nickel	12 J	ug/l	21	ug/l	10 J	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Potassium	2300	ug/l	4000	ug/l	2300	ug/l	1400	ug/l	930	ug/l	1200	ug/l	1400	ug/l	760	ug/l
Selenium	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l	1 U	ug/l
Silicon																
Silver	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l
Sodium	2000	ug/l	2500	ug/l	2100	ug/l	1800	ug/l	1700	ug/l	1800	ug/l	1700	ug/l	1600	ug/l
Strontium																
Sulfur																
Thallium	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l
Titanium																
Uranium																
Vanadium	15	ug/l	32	ug/l	16	ug/l	6.4 J	ug/l	5 U	ug/l	5.4 J	ug/l	5.6 J	ug/l	5 U	ug/l
Zinc	1000	ug/l	1800	ug/l	1500	ug/l	540	ug/l	300	ug/l	380	ug/l	190	ug/l	190	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg01

Site Location	CUA00515			CUA00516			CUA00517			CUA00518			CUA00519			CUA00520			CUA00521			CUA0068		
Location Cross Ref.	5-15S/W.5			5-16S/W.5			5-17S/W.5			5-18S/W.5			5-19S/W.5			5-20S/W.5			5-21S/W.5			6-8S/W.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/LAUCKS		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	47609			47610			47611			47612			47613			47614			47615			46612		
Sample Date	08/05/1998			08/05/1998			08/05/1998			08/05/1998			08/05/1998			08/05/1998			08/05/1998			08/03/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	660		ug/l	90	J	ug/l	2100		ug/l	1300		ug/l	210		ug/l	420		ug/l	2600		ug/l	9800		ug/l
Antimony	0.66	J	ug/l	0.5	J	ug/l	0.75	J	ug/l	0.62	J	ug/l	0.56	J	ug/l	0.65	J	ug/l	0.78	J	ug/l	1.1	U	ug/l
Arsenic	2.2	U	ug/l	1.3	U	ug/l	2.6	U	ug/l	2.1	U	ug/l	1.6	U	ug/l	2	U	ug/l	3	U	ug/l	2.4	U	ug/l
Barium	23	J	ug/l	14	J	ug/l	40	J	ug/l	29	J	ug/l	16	J	ug/l	22	J	ug/l	39	J	ug/l	95		ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	1	U	ug/l	1	U	ug/l	1.9		ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1.2		ug/l	1.4	U	ug/l
Calcium	6000		ug/l	5800		ug/l	6600		ug/l	6200		ug/l	5800		ug/l	5900		ug/l	6300		ug/l	8400		ug/l
Chromium	8.7	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	3.2	J	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	1.8	J	ug/l
Copper	5	U	ug/l	5	U	ug/l	5.2	J	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	8.9	J	ug/l
Cyanide																								
Iron	780		ug/l	99	J	ug/l	2700		ug/l	1600		ug/l	250		ug/l	490		ug/l	2700		ug/l	8000		ug/l
Lead	6.7		ug/l	1.3	J	ug/l	29		ug/l	20		ug/l	11		ug/l	5.9		ug/l	9		ug/l	29		ug/l
Lithium																								
Magnesium	1900		ug/l	1700		ug/l	2700		ug/l	2300		ug/l	1800		ug/l	1900		ug/l	2600		ug/l	4700		ug/l
Manganese	50		ug/l	10		ug/l	160		ug/l	110		ug/l	32		ug/l	86		ug/l	120		ug/l	220		ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	UJ	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	4.4	U	ug/l
Potassium	710	J	ug/l	610	J	ug/l	1000		ug/l	850		ug/l	560	J	ug/l	790		ug/l	1100		ug/l	2100		ug/l
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.36	U	ug/l
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	4.3	U	ug/l
Sodium	1600		ug/l	1600		ug/l	1700		ug/l	1600		ug/l	1600		ug/l	1600		ug/l	1700		ug/l	2300		ug/l
Strontium																								
Sulfur																								
Thallium	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.1	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	12		ug/l
Zinc	160		ug/l	53		ug/l	330		ug/l	210		ug/l	89		ug/l	96		ug/l	230		ug/l	250		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg01

Site Location	CUA0069			CUA00610			CUA00611			CUA00612			CUA00613			CUA00614			CUA0071			CUA0072		
Location Cross Ref.	6-9S/W.5			6-10S/W.5			6-11S/W.5			6-12S/W.5			6-13S/W.5			6-14S/W.5			7-1S/W.5			7-2S/W.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/LAUCKS			(10) URS/SWRI			(10) URS/SWRI		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46613			46614			46615			46616			46617			46618			46464			46465		
Sample Date	08/03/1998			08/03/1998			08/03/1998			08/03/1998			08/03/1998			08/03/1998			08/02/1998			08/02/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	33000		ug/l	4000		ug/l	10000		ug/l	7000		ug/l	11000		ug/l	2600		ug/l	3600		ug/l	1800		ug/l
Antimony	2.2	U	ug/l	0.8	U	ug/l	1.3	U	ug/l	4.8	U	ug/l	2.7	U	ug/l	1	U	ug/l	0.73	J	ug/l	0.68	J	ug/l
Arsenic	6.8		ug/l	1.8	U	ug/l	3.6		ug/l	3		ug/l	2.9		ug/l	1.3	U	ug/l	3.9	U	ug/l	1.9	U	ug/l
Barium	260		ug/l	63		ug/l	130		ug/l	150		ug/l	160		ug/l	54		ug/l	52	J	ug/l	30	J	ug/l
Beryllium	1.8	U	ug/l	1	U	ug/l	1.3	U	ug/l	0.8	U	ug/l	1.1	U	ug/l	0.9	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	2.1		ug/l	1.1	U	ug/l	1.2	U	ug/l	1.5		ug/l	1.5		ug/l	0.7	U	ug/l	1	U	ug/l	1	U	ug/l
Calcium	13000		ug/l	7900		ug/l	9800		ug/l	14000		ug/l	13000		ug/l	7800		ug/l	7100		ug/l	6400		ug/l
Chromium	12		ug/l	1.6	J	ug/l	4.1	J	ug/l	3.8	J	ug/l	4.4	J	ug/l	1.4	J	ug/l	5.4	J	ug/l	5	U	ug/l
Cobalt	7.1		ug/l	1.1	U	ug/l	2.8	J	ug/l	2.2	J	ug/l	2.9	J	ug/l	0.8	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	28	J	ug/l	5.4	J	ug/l	11	J	ug/l	15	J	ug/l	19	J	ug/l	9	J	ug/l	7.6	J	ug/l	6.5	J	ug/l
Cyanide																								
Iron	27000		ug/l	4100		ug/l	9800		ug/l	6700		ug/l	9400		ug/l	2400		ug/l	5700		ug/l	2800		ug/l
Lead	91		ug/l	23		ug/l	41		ug/l	110		ug/l	65		ug/l	25		ug/l	26		ug/l	19		ug/l
Lithium																								
Magnesium	11000		ug/l	3200		ug/l	5200		ug/l	5000		ug/l	7100		ug/l	3000		ug/l	4100		ug/l	2800		ug/l
Manganese	720		ug/l	180		ug/l	370		ug/l	220		ug/l	240		ug/l	84		ug/l	230		ug/l	120		ug/l
Mercury	0.1	UJ	ug/l	0.1	UJ	ug/l	0.1	UJ	ug/l	0.1	UJ	ug/l	0.1	UJ	ug/l	0.1	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l
Molybdenum																								
Nickel	20	J	ug/l	4.6	J	ug/l	6.2	J	ug/l	8.5	J	ug/l	6.2	J	ug/l	4.4	U	ug/l	5	U	ug/l	5	U	ug/l
Potassium	4300		ug/l	1300		ug/l	2300		ug/l	1900		ug/l	2300		ug/l	1100		ug/l	1400		ug/l	1000		ug/l
Selenium	0.4	U	ug/l	0.4	U	ug/l	0.36	U	ug/l	0.4	U	ug/l	0.36	U	ug/l	0.36	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver	4.3	U	ug/l	4.3	U	ug/l	4.3	U	ug/l	4.3	U	ug/l	4.3	U	ug/l	4.3	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	2500		ug/l	2000		ug/l	2100		ug/l	2000		ug/l	2200		ug/l	1900		ug/l	1700		ug/l	1600		ug/l
Strontium																								
Sulfur																								
Thallium	0.3	U	ug/l	0.03	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.03	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Titanium																								
Uranium																								
Vanadium	43		ug/l	9.5	J	ug/l	17		ug/l	10		ug/l	15		ug/l	6.3	J	ug/l	6.1	J	ug/l	5	U	ug/l
Zinc	360		ug/l	180		ug/l	240		ug/l	320		ug/l	350		ug/l	160		ug/l	340		ug/l	210		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg01

Site Location	CUA0073			CUA0074			CUA0075			CUA0076			CUA0077			CUA0077			CUA0088			CUA0089		
Location Cross Ref.	7-3S/W.5			7-4S/W.5			7-5S/W.5			7-6S/W.5			7-7S/W.5			7-7S/W.5			8-8S/W.5			8-9S/W.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46466			46467			46468			46469			46494			46495			46605			46606		
Sample Date	08/02/1998			08/02/1998			08/02/1998			08/02/1998			08/02/1998			08/02/1998			07/30/1998			07/30/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	1700		ug/l	5800		ug/l	4500		ug/l	1400		ug/l	9200		ug/l	9100		ug/l	7400		ug/l	4200		ug/l
Antimony	0.78	J	ug/l	5.9		ug/l	2.6	J	ug/l	1.1	J	ug/l	1	J	ug/l	1	J	ug/l	2.1	J	ug/l	1.3	J	ug/l
Arsenic	1.9	U	ug/l	11		ug/l	4.5	U	ug/l	1.7	U	ug/l	6.5		ug/l	6.4		ug/l	5.7		ug/l	3.3	U	ug/l
Barium	36	J	ug/l	9.3	J	ug/l	68	J	ug/l	27	J	ug/l	100	J	ug/l	100	J	ug/l	95	J	ug/l	58	J	ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Cadmium	1		ug/l	4.6		ug/l	5.1		ug/l	1	U	ug/l	2.1		ug/l	1.9		ug/l	13		ug/l	7.3		ug/l
Calcium	6600		ug/l	8300		ug/l	8200		ug/l	6400		ug/l	8300		ug/l	8100		ug/l	8500		ug/l	7200		ug/l
Chromium	5	U	ug/l	7	J	ug/l	5.3	J	ug/l	5	U	ug/l	9.9	J	ug/l	10	J	ug/l	9.1	J	ug/l	5.4	J	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	8.3	J	ug/l	23		ug/l	16		ug/l	5	U	ug/l	13		ug/l	12		ug/l	25		ug/l	10	J	ug/l
Cyanide																								
Iron	2300		ug/l	8600		ug/l	6800		ug/l	2000		ug/l	11000		ug/l	11000		ug/l	9400		ug/l	6500		ug/l
Lead	21		ug/l	210		ug/l	80		ug/l	26		ug/l	32		ug/l	34		ug/l	360		ug/l	140		ug/l
Lithium																								
Magnesium	2600		ug/l	4900		ug/l	4500		ug/l	2500		ug/l	7000		ug/l	7000		ug/l	4500		ug/l	3800		ug/l
Manganese	110		ug/l	400		ug/l	270		ug/l	71		ug/l	430		ug/l	430		ug/l	450		ug/l	290		ug/l
Mercury	0.2	UJ	ug/l	0.31	J	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l
Molybdenum																								
Nickel	5	U	ug/l	6.8	J	ug/l	5.1	J	ug/l	5	U	ug/l	8.1	J	ug/l	7.4	J	ug/l	8.9	J	ug/l	5.2	J	ug/l
Potassium	930		ug/l	1500		ug/l	1500		ug/l	930		ug/l	1900		ug/l	2000		ug/l	1700		ug/l	1300		ug/l
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Sodium	1600		ug/l	1800		ug/l	1700		ug/l	1600		ug/l	1700		ug/l	1800		ug/l	2000		ug/l	1800		ug/l
Strontium																								
Sulfur																								
Thallium	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	9.6	J	ug/l	7.3	J	ug/l	5	U	ug/l	13		ug/l	13		ug/l	13		ug/l	7.8	J	ug/l
Zinc	230		ug/l	1100		ug/l	590		ug/l	200		ug/l	470		ug/l	490		ug/l	1200		ug/l	900		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg01

Site Location	CUA00810			CUA00811			CUA00812			CUA00813			CUA00813			CUA00814			CUA0211			CUA0212		
Location Cross Ref.	8-10S/W.5			8-11S/W.5			8-12S/W.5			8-13S/W.5			8-13S/W.5			8-14S/W.5			21-1S/W.5			21-2S/W.5		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			Lake/Pond/Open Reservo			Lake/Pond/Open Reservo		
(Ref) Source/Lab	(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/SWRI			(10) URS/LAUCKS			(10) URS/SWRI			(10) URS/LAUCKS			(10) URS/SWRI		
Matrix Type	Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water			Disturbed Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46607			46608			46609			46610			46611			46604			46619			46620		
Sample Date	07/30/1998			07/30/1998			07/30/1998			07/30/1998			07/30/1998			07/30/1998			08/03/1998			08/03/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	1000		ug/l	920		ug/l	560		ug/l	1300		ug/l	47	U	ug/l	3300		ug/l	14000		ug/l	4300		ug/l
Antimony	0.81	J	ug/l	0.72	J	ug/l	0.63	J	ug/l	0.8	J	ug/l	0.7	U	ug/l	1.8	J	ug/l	1.3	U	ug/l	1.4	J	ug/l
Arsenic	1.9	U	ug/l	1.6	U	ug/l	1.2	U	ug/l	2.4	U	ug/l	0.2	U	ug/l	3.6	U	ug/l	5.6		ug/l	5.4	U	ug/l
Barium	30	J	ug/l	28	J	ug/l	24	J	ug/l	34	J	ug/l	0.84	U	ug/l	62	J	ug/l	140		ug/l	75	J	ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.6	U	ug/l	1	U	ug/l	1.5	U	ug/l	1	U	ug/l
Cadmium	4.1		ug/l	3.6		ug/l	2.3		ug/l	3.9		ug/l	0.2	U	ug/l	24		ug/l	7		ug/l	4.2		ug/l
Calcium	6600		ug/l	6500		ug/l	6300		ug/l	6700		ug/l	320	J	ug/l	8900		ug/l	7800		ug/l	6700		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	1.1	J	ug/l	5	U	ug/l	5.6		ug/l	5	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.1	U	ug/l	5	U	ug/l	5.1		ug/l	5	U	ug/l
Copper	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.5	UJ	ug/l	13		ug/l	12	J	ug/l	8.4	J	ug/l
Cyanide																								
Iron	2000		ug/l	1500		ug/l	1000		ug/l	2200		ug/l	78	U	ug/l	4200		ug/l	17000		ug/l	9500		ug/l
Lead	49		ug/l	45		ug/l	35		ug/l	77		ug/l	0.8	U	ug/l	240		ug/l	180		ug/l	110		ug/l
Lithium																								
Magnesium	2400		ug/l	2200		ug/l	2000		ug/l	2300		ug/l	19	U	ug/l	3200		ug/l	3500		ug/l	2600		ug/l
Manganese	130		ug/l	200		ug/l	150		ug/l	370		ug/l	6.7	J	ug/l	180		ug/l	890		ug/l	550		ug/l
Mercury	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.2	UJ	ug/l	0.1	UJ	ug/l	0.2	UJ	ug/l	0.1	UJ	ug/l	0.2	UJ	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	4.4	U	ug/l	6.1	J	ug/l	12	J	ug/l	5	U	ug/l
Potassium	840		ug/l	930		ug/l	750	J	ug/l	800		ug/l	120	U	ug/l	1200		ug/l	1700		ug/l	900		ug/l
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.36	U	ug/l	1	U	ug/l	0.36	U	ug/l	1	U	ug/l
Silicon																								
Silver	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	4.3	U	ug/l	5	U	ug/l	4.3	U	ug/l	5	U	ug/l
Sodium	1800		ug/l	1800		ug/l	1800		ug/l	1800		ug/l	220	J	ug/l	1900		ug/l	1800		ug/l	1300		ug/l
Strontium																								
Sulfur																								
Thallium	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.4	U	ug/l	0.03	U	ug/l	0.4	U	ug/l	0.1	U	ug/l	0.4	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	2.6	U	ug/l	5.8	J	ug/l	35		ug/l	14		ug/l
Zinc	310		ug/l	300		ug/l	220		ug/l	340		ug/l	230		ug/l	1700		ug/l	930		ug/l	560		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg01

Site Location	CUA0212		CUA0213		CUA0214		CUA0215		CUA0216		CUA0217		SR5		SR5	
Location Cross Ref.	21-2S/W.5		21-3S/W.5		21-4S/W.5		21-5S/W.5		21-6S/W.5		21-7S/W.5		SR005		SR005	
Location Type	Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		Lake/Pond/Open Reservo		River/Stream		River/Stream	
(Ref) Source/Lab	(10) URS/LAUCKS		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(10) URS/SWRI		(2) URS/MEL		(2) URS/LAUCKS	
Matrix Type	Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Disturbed Water		Surface Water		Surface Water	
Depth Range in Ft.	-		-		-		-		-		-		-		-	
Sample Number	48187		46621		46622		46623		46624		46625		168404		168404	
Sample Date	08/03/1998		08/03/1998		08/03/1998		08/03/1998		08/03/1998		08/03/1998		11/11/1997		11/11/1997	
Sample Type	Field Duplicate		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample		Environ. Sample	
Analytical Method	IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		IN-CLP-LOW		DIN-CLP-LOW		IN-CLP-LOW	
Analyte	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**	**Value Q**	**Unit**
Aluminum	4400	ug/l	23000	ug/l	7000	ug/l	21000	ug/l	18000	ug/l	21000	ug/l	20 U	ug/l	48 U	ug/l
Antimony	0.9 J	ug/l	2.8 J	ug/l	1.5 J	ug/l	2.3 J	ug/l	1.6 J	ug/l	2 J	ug/l	0.5 U	ug/l	0.52 U	ug/l
Arsenic	2.9	ug/l	21	ug/l	7.6	ug/l	15	ug/l	9.8	ug/l	12	ug/l	0.44	ug/l	0.48 UJ	ug/l
Barium	74	ug/l	730	ug/l	130 J	ug/l	940	ug/l	220	ug/l	320	ug/l	11	ug/l	12 J	ug/l
Beryllium	0.6 J	ug/l	3.3	ug/l	1 U	ug/l	3.9	ug/l	1.5	ug/l	2.2	ug/l	1 U	ug/l	0.35 U	ug/l
Cadmium	4.1	ug/l	48	ug/l	4.9	ug/l	43	ug/l	13	ug/l	20	ug/l	0.22	ug/l	0.2 J	ug/l
Calcium	6700	ug/l	16000	ug/l	7600	ug/l	16000	ug/l	8900	ug/l	11000	ug/l	5500	ug/l	5500	ug/l
Chromium	2.7 J	ug/l	26	ug/l	7.8 J	ug/l	22	ug/l	17	ug/l	23	ug/l	5 U	ug/l	6 U	ug/l
Cobalt	3.4 J	ug/l	48	ug/l	7.1 J	ug/l	43	ug/l	11	ug/l	19	ug/l	5 U	ug/l	5 U	ug/l
Copper	7.2	ug/l	69	ug/l	14	ug/l	76	ug/l	39	ug/l	39	ug/l	1.5	ug/l	1.7 J	ug/l
Cyanide																
Iron	8300	ug/l	61000	ug/l	15000	ug/l	58000	ug/l	30000	ug/l	46000	ug/l	50	ug/l	31 U	ug/l
Lead	100	ug/l	920	ug/l	160	ug/l	720	ug/l	270	ug/l	570	ug/l	0.76	ug/l	3	ug/l
Lithium																
Magnesium	2500	ug/l	7600	ug/l	3600	ug/l	7300	ug/l	6100	ug/l	6600	ug/l	1500	ug/l	1500	ug/l
Manganese	560	ug/l	7000	ug/l	940	ug/l	6300	ug/l	1300	ug/l	2500	ug/l	2	ug/l	3.5 J	ug/l
Mercury	0.1 U	ug/l	0.2 UJ	ug/l	0.2 UJ	ug/l	0.2 UJ	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.2 U	ug/l	0.1 U	ug/l
Molybdenum																
Nickel	4.4 U	ug/l	35	ug/l	7.8 J	ug/l	36	ug/l	19 J	ug/l	22	ug/l	0.41	ug/l	5 U	ug/l
Potassium	1100	ug/l	2800	ug/l	1100	ug/l	2200	ug/l	1600	ug/l	1900	ug/l	830	ug/l	720 J	ug/l
Selenium	0.36 U	ug/l	2.5 J	ug/l	1 U	ug/l	2 J	ug/l	1 U	ug/l	1.3 J	ug/l	1 U	ug/l	0.21 U	ug/l
Silicon																
Silver	4.3 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	5 U	ug/l	0.03 U	ug/l	0.22 U	ug/l
Sodium	1500	ug/l	1500	ug/l	1400	ug/l	1500	ug/l	1300	ug/l	1400	ug/l	1500	ug/l	1500	ug/l
Strontium																
Sulfur																
Thallium	0.12 J	ug/l	0.42 J	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.4 U	ug/l	0.5 U	ug/l	0.16 U	ug/l
Titanium																
Uranium																
Vanadium	12	ug/l	77	ug/l	21	ug/l	63	ug/l	41	ug/l	64	ug/l	3 U	ug/l	2 U	ug/l
Zinc	560	ug/l	5000	ug/l	880	ug/l	5700	ug/l	1900	ug/l	2700	ug/l	72	ug/l	84	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg01

Site Location	SR5			SR5			SR6			SR6			SR6			SR6			SR7			SR7		
Location Cross Ref.	SR005			SR005			SR006			SR006			SR006			SR006			SR007			SR007		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(3) URS/SWRI			(2) URS/MEL			(2) URS/LAUCKS			(3) URS/SWRI			(3) URS/SWRI			(2) URS/MEL			(2) URS/LAUCKS		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46329			46329			168405			168405			46330			46330			168406			168406		
Sample Date	05/06/1998			05/06/1998			11/11/1997			11/11/1997			05/06/1998			05/06/1998			11/11/1997			11/11/1997		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW			DIN-CLP-LOW			IN-CLP-LOW		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l	21		ug/l	54	U	ug/l	50	U	ug/l	50	U	ug/l	20	U	ug/l	48	U	ug/l
Antimony	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.69	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.5	U	ug/l	0.47	U	ug/l
Arsenic	1	U	ug/l	1	U	ug/l	0.44		ug/l	0.72	UJ	ug/l	1	U	ug/l	1	U	ug/l	1.1		ug/l	1.1	J	ug/l
Barium	12		ug/l	13		ug/l	12		ug/l	13	J	ug/l	12		ug/l	15		ug/l	16		ug/l	16	J	ug/l
Beryllium	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.35	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.35	U	ug/l
Cadmium	0.36		ug/l	0.46		ug/l	0.2		ug/l	0.29	J	ug/l	0.29		ug/l	0.44		ug/l	0.12		ug/l	0.17	J	ug/l
Calcium	6100		ug/l	5900		ug/l	5500		ug/l	5500		ug/l	6000		ug/l	5800		ug/l	14000		ug/l	13000		ug/l
Chromium	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	6	U	ug/l
Cobalt	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l
Copper	3	U	ug/l	3	U	ug/l	1		ug/l	2.3	J	ug/l	3	U	ug/l	3	U	ug/l	0.56		ug/l	0.79	J	ug/l
Cyanide																								
Iron	22	U	ug/l	83	U	ug/l	10	U	ug/l	29	U	ug/l	26	U	ug/l	81	U	ug/l	10	U	ug/l	18	U	ug/l
Lead	0.92		ug/l	5.8		ug/l	0.64		ug/l	3.4		ug/l	0.7		ug/l	4.1		ug/l	0.34		ug/l	1		ug/l
Lithium																								
Magnesium	2200		ug/l	2100		ug/l	1600		ug/l	1600		ug/l	1900		ug/l	1800		ug/l	5300		ug/l	5100		ug/l
Manganese	5	U	ug/l	15		ug/l	1.5		ug/l	4.8	J	ug/l	5	U	ug/l	14		ug/l	1.4		ug/l	3	J	ug/l
Mercury	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.2	U	ug/l	0.1	U	ug/l
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l	0.4		ug/l	5	U	ug/l	5	U	ug/l	5	U	ug/l	0.49		ug/l	5	U	ug/l
Potassium	790		ug/l	690		ug/l	840		ug/l	810		ug/l	700		ug/l	670		ug/l	740		ug/l	1200		ug/l
Selenium	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.21	U	ug/l	1	U	ug/l	1	U	ug/l	1	U	ug/l	0.21	U	ug/l
Silicon																								
Silver	0.3	U	ug/l	0.3	U	ug/l	0.03	U	ug/l	0.22	U	ug/l	0.3	U	ug/l	0.3	U	ug/l	0.03	U	ug/l	0.22	U	ug/l
Sodium	4000		ug/l	3900		ug/l	1600		ug/l	1700		ug/l	1700		ug/l	1700		ug/l	2400		ug/l	2400		ug/l
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	0.1	U	ug/l	0.5	U	ug/l	0.2	U	ug/l	0.1	U	ug/l	0.1	U	ug/l	0.5	U	ug/l	0.2	U	ug/l
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l	3	U	ug/l	2	U	ug/l	5	U	ug/l	5	U	ug/l	3	U	ug/l	2	U	ug/l
Zinc	78		ug/l	85		ug/l	70		ug/l	84		ug/l	74		ug/l	84		ug/l	52		ug/l	68		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg01

Site Location	SR7			SR7			SR50			SR50			SR50			SR50			SR50			SR50		
Location Cross Ref.	SR007			SR007			USGS NR POST FALL			USGS NR POST FALL			USGS NR POST FALL			USGS NR POST FALL			USGS NR POST FALL			USGS NR POST FALL		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(3) URS/SWRI			(3) URS/SWRI			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	46331			46331			187063			187063			187064			187064			187065			187065		
Sample Date	05/06/1998			05/06/1998			10/19/1998			10/19/1998			10/19/1998			10/19/1998			11/13/1998			11/13/1998		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	DIN-CLP-LOW			IN-CLP-LOW			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum	50	U	ug/l	50	U	ug/l																		
Antimony	0.5	U	ug/l	0.5	U	ug/l																		
Arsenic	1	U	ug/l	1	U	ug/l																		
Barium	13		ug/l	14		ug/l																		
Beryllium	1	U	ug/l	1	U	ug/l																		
Cadmium	0.27		ug/l	0.42		ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Calcium	7300		ug/l	7200		ug/l				6000		ug/l				20	UJ	ug/l				5800		ug/l
Chromium	5	U	ug/l	5	U	ug/l																		
Cobalt	5	U	ug/l	5	U	ug/l																		
Copper	3	U	ug/l	3	U	ug/l																		
Cyanide																								
Iron	39	U	ug/l	150	U	ug/l																		
Lead	0.51		ug/l	4.3		ug/l	1		ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1		ug/l	1	UJ	ug/l
Lithium																								
Magnesium	2500		ug/l	2400		ug/l				1800		ug/l				4		ug/l				1700		ug/l
Manganese	5	U	ug/l	15		ug/l																		
Mercury	0.2	U	ug/l	0.2	U	ug/l																		
Molybdenum																								
Nickel	5	U	ug/l	5	U	ug/l																		
Potassium	780		ug/l	690		ug/l																		
Selenium	1	U	ug/l	1	U	ug/l																		
Silicon																								
Silver	0.3	U	ug/l	0.3	U	ug/l																		
Sodium	1800		ug/l	1800		ug/l																		
Strontium																								
Sulfur																								
Thallium	0.1	U	ug/l	0.1	U	ug/l																		
Titanium																								
Uranium																								
Vanadium	5	U	ug/l	5	U	ug/l																		
Zinc	81		ug/l	80		ug/l	50		ug/l	51		ug/l	10		ug/l	20	UJ	ug/l				58		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg01

Site Location	SR50	SR50	SR50	SR50	SR50	SR50	SR50	SR50
Location Cross Ref.	USGS NR POST FALL	USGS NR POST FALL	USGS NR POST FALL	USGS NR POST FALL	USGS NR POST FALL	USGS NR POST FALL	USGS NR POST FALL	USGS NR POST FALL
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	187066	187066	187067	187067	187069	187069	187070	187070
Sample Date	12/16/1998	12/16/1998	01/28/1999	01/28/1999	02/10/1999	02/10/1999	03/11/1999	03/11/1999
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	D6010	6010	D6010	6010	D6010	6010	D6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium	1 UJ ug/l	1 UJ ug/l	1 UJ ug/l	1 UJ ug/l	1 UJ ug/l	1 UJ ug/l	1 UJ ug/l	1 UJ ug/l
Calcium		5600 ug/l		5700 ug/l		5800 ug/l		5700 ug/l
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead	1 ug/l	1 UJ ug/l	2 ug/l	1 ug/l	1 ug/l	1 ug/l	2 ug/l	1 ug/l
Lithium								
Magnesium		1800 ug/l		1800 ug/l		1800 ug/l		1800 ug/l
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc	80 ug/l	77 ug/l	100 ug/l	91 ug/l	90 ug/l	82 ug/l	90 ug/l	85 ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg01

Site Location	SR50			SR50			SR50			SR50			SR50			SR50			SR50			SR50		
Location Cross Ref.	USGS NR POST FALL			USGS NR POST FALL			USGS NR POST FALL			USGS NR POST FALL			USGS NR POST FALL			USGS NR POST FALL			USGS NR POST FALL			USGS NR POST FALL		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187071			187071			187072			187072			187073			187073			202125			202125		
Sample Date	04/12/1999			04/12/1999			05/11/1999			05/11/1999			06/07/1999			06/07/1999			07/12/1999			07/12/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l	1	UJ	ug/l				1		ug/l				1		ug/l				0.23		ug/l
Calcium				5700		ug/l				5000		ug/l				4600		ug/l	4.5		mg/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	3		ug/l	1		ug/l	4		ug/l	1		ug/l	6		ug/l	1		ug/l				1.6		ug/l
Lithium																								
Magnesium				1800		ug/l				1600		ug/l				1400		ug/l	1.3		mg/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium										1700		ug/l				1300		ug/l	1.3		mg/l			
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	90		ug/l	88		ug/l	80		ug/l	72		ug/l	60		ug/l	62		ug/l				47		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg01

Site Location	SR50	SR50	SR50	SR50	SR50	SR50	SR50	SR55
Location Cross Ref.	USGS NR POST FALL	USGS NR POST FALL	USGS NR POST FALL	USGS NR POST FALL	USGS NR POST FALL	USGS NR POST FALL	USGS NR POST FALL	USGS NR OTIS ORCH
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	202125	202126	202126	202126	202127	202127	202127	187076
Sample Date	07/12/1999	08/09/1999	08/09/1999	08/09/1999	09/07/1999	09/07/1999	09/07/1999	04/15/1999
Sample Type	Field Duplicate	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	D6010	D6010	6010	D6010	D6010	6010	D6010	6010

Analyte	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1 U	ug/l			0.19	ug/l	1 U	ug/l			0.16	ug/l	1 U	ug/l	1 UJ	ug/l
Calcium			4.7	mg/l					5.2	mg/l						
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1 U	ug/l			1.2	ug/l	1 U	ug/l			1.7	ug/l	1 U	ug/l	3	ug/l
Lithium																
Magnesium			1.4	mg/l					1.6	mg/l						
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium			1.6	mg/l					2.5	mg/l						
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	45	ug/l			40	ug/l	37	ug/l			37	ug/l	32	ug/l		

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg01

Site Location	SR55			SR55			SR55			SR55			SR55			SR55			SR55			SR55		
Location Cross Ref.	USGS NR OTIS ORCH			USGS NR OTIS ORCH			USGS NR OTIS ORCH			USGS NR OTIS ORCH			USGS NR OTIS ORCH			USGS NR OTIS ORCH			USGS NR OTIS ORCH			USGS NR OTIS ORCH		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187076			187077			187077			187078			187078			202122			202122			202122		
Sample Date	04/15/1999			05/13/1999			05/13/1999			06/17/1999			06/17/1999			07/15/1999			07/15/1999			07/15/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate		
Analytical Method	D6010			6010			D6010			6010			D6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l				1		ug/l				1		ug/l							1	U	ug/l
Calcium	5800		ug/l				4900		ug/l				4700		ug/l	4.6		mg/l						
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1		ug/l	4		ug/l	1		ug/l	3		ug/l	1		ug/l				1.2		ug/l	1	U	ug/l
Lithium																								
Magnesium	1900		ug/l				1600		ug/l				1400		ug/l	1.3		mg/l						
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium							1700		ug/l				1400		ug/l	1.4		mg/l						
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	90		ug/l	70		ug/l	69		ug/l	50		ug/l	49		ug/l				40		ug/l	39		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg01

Site Location	SR55			SR55			SR55			SR55			SR55			SR55		
Location Cross Ref.	USGS NR OTIS ORCH			USGS NR OTIS ORCH			USGS NR OTIS ORCH			USGS NR OTIS ORCH			USGS NR OTIS ORCH			USGS NR OTIS ORCH		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-		
Sample Number	202123			202123			202123			202124			202124			202124		
Sample Date	08/11/1999			08/11/1999			08/11/1999			09/09/1999			09/09/1999			09/09/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																		
Antimony																		
Arsenic																		
Barium																		
Beryllium																		
Cadmium							1	U	ug/l							1	U	ug/l
Calcium	4.8		mg/l							5.2		mg/l						
Chromium																		
Cobalt																		
Copper																		
Cyanide																		
Iron																		
Lead				1.2		ug/l	1	U	ug/l				1.1		ug/l	1	U	ug/l
Lithium																		
Magnesium	1.4		mg/l							1.5		mg/l						
Manganese																		
Mercury																		
Molybdenum																		
Nickel																		
Potassium																		
Selenium																		
Silicon																		
Silver																		
Sodium	1.4		mg/l							2.1		mg/l						
Strontium																		
Sulfur																		
Thallium																		
Titanium																		
Uranium																		
Vanadium																		
Zinc				38		ug/l	33		ug/l				28		ug/l	24		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg02

Site Location	SR65	SR65	SR65	SR65	SR65	SR65	SR65	SR65
Location Cross Ref.	USGS NR TRENTWOO	USGS NR TRENTWOO	USGS NR TRENTWOO	USGS NR TRENTWOO	USGS NR TRENTWOO	USGS NR TRENTWOO	USGS NR TRENTWOO	USGS NR TRENTWOO
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	187084	187084	187085	187085	187086	187086	202116	202116
Sample Date	04/15/1999	04/15/1999	05/13/1999	05/13/1999	06/17/1999	06/17/1999	07/15/1999	07/15/1999
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Field Duplicate	Field Duplicate
Analytical Method	6010	D6010	6010	D6010	6010	D6010	D6010	6010

Analyte	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1 UJ	ug/l	1 UJ	ug/l			1	ug/l			1	ug/l				
Calcium			5800	ug/l			4900	ug/l			4800	ug/l	4.7	mg/l		
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	3	ug/l	1	ug/l	5	ug/l	1	ug/l	3	ug/l	1	ug/l			1.2	ug/l
Lithium																
Magnesium			1900	ug/l			1600	ug/l			1400	ug/l	1.4	mg/l		
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium							1600	ug/l			1400	ug/l	1.3	mg/l		
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc			92	ug/l	80	ug/l	71	ug/l	50	ug/l	48	ug/l			42	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg02

Site Location	SR65	SR65	SR65	SR65	SR65	SR65	SR65	SR70
Location Cross Ref.	USGS NR TRENTWOO	USGS NR TRENTWOO	USGS NR TRENTWOO	USGS NR TRENTWOO	USGS NR TRENTWOO	USGS NR TRENTWOO	USGS NR TRENTWOO	USGS AT SPOKANE
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	202116	202117	202117	202117	202118	202118	202118	187088
Sample Date	07/15/1999	08/09/1999	08/09/1999	08/09/1999	09/09/1999	09/09/1999	09/09/1999	04/16/1999
Sample Type	Field Duplicate	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	D6010	D6010	6010	D6010	D6010	6010	D6010	6010

Analyte	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit	Value	Q	Unit
Aluminum																					
Antimony																					
Arsenic																					
Barium																					
Beryllium																					
Cadmium	1	U	ug/l							1	U	ug/l							1	U	ug/l	1	UJ	ug/l
Calcium				5.3		mg/l							13		mg/l									
Chromium																					
Cobalt																					
Copper																					
Cyanide																					
Iron																					
Lead	1	U	ug/l				1.1		ug/l	1	U	ug/l				0.67		ug/l	1	U	ug/l	3		ug/l
Lithium																					
Magnesium				1.6		mg/l							5.1		mg/l									
Manganese																					
Mercury																					
Molybdenum																					
Nickel																					
Potassium																					
Selenium																					
Silicon																					
Silver																					
Sodium				1.5		mg/l							2.2		mg/l						
Strontium																					
Sulfur																					
Thallium																					
Titanium																					
Uranium																					
Vanadium																					
Zinc	40		ug/l				32		ug/l	26		ug/l				24		ug/l	22		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg02

Site Location	SR70			SR70			SR70			SR70			SR70			SR70			SR70			SR70		
Location Cross Ref.	USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187088			187089			187089			187090			187090			202113			202113			202113		
Sample Date	04/16/1999			05/14/1999			05/14/1999			06/18/1999			06/18/1999			07/15/1999			07/15/1999			07/15/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate		
Analytical Method	D6010			6010			D6010			6010			D6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l				1		ug/l				1		ug/l							1	U	ug/l
Calcium	8300		ug/l				6500		ug/l				6100		ug/l	9.9		mg/l						
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1		ug/l	4		ug/l	1		ug/l	3		ug/l	1		ug/l				1		ug/l	1	U	ug/l
Lithium																								
Magnesium	3100		ug/l				2300		ug/l				2000		ug/l	3.8		mg/l						
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium							1800		ug/l				1500		ug/l	1.8		mg/l						
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	83		ug/l	70		ug/l	72		ug/l	50		ug/l	45		ug/l				40		ug/l	36		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg02

Site Location	SR70	SR70	SR70	SR70	SR70	SR70	SR75	SR75
Location Cross Ref.	USGS AT SPOKANE	USGS AT SPOKANE	USGS AT SPOKANE	USGS AT SPOKANE	USGS AT SPOKANE	USGS AT SPOKANE	USGS AT SPOKANE	USGS AT SPOKANE
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	202114	202114	202114	202115	202115	202115	187092	187092
Sample Date	08/09/1999	08/09/1999	08/09/1999	09/09/1999	09/09/1999	09/09/1999	10/19/1998	10/19/1998
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	D6010	6010	D6010	D6010	6010	D6010	6010	D6010
Analyte	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**	**Value Q Unit**
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium			1 U ug/l			1 U ug/l	1 UJ ug/l	1 UJ ug/l
Calcium	14 mg/l			28 mg/l				13000 ug/l
Chromium								
Cobalt								
Copper								
Cyanide								
Iron								
Lead		0.81 ug/l	1 U ug/l		0.51 ug/l	1 U ug/l	1 ug/l	1 UJ ug/l
Lithium								
Magnesium	5.9 mg/l			12 mg/l				5200 ug/l
Manganese								
Mercury								
Molybdenum								
Nickel								
Potassium								
Selenium								
Silicon								
Silver								
Sodium	2.3 mg/l			3.4 mg/l				
Strontium								
Sulfur								
Thallium								
Titanium								
Uranium								
Vanadium								
Zinc		24 ug/l	20 ug/l		8.1 ug/l	7 ug/l	30 ug/l	24 ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg02

Site Location	SR75			SR75			SR75			SR75			SR75			SR75			SR75			SR75		
Location Cross Ref.	USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187093			187093			187094			187094			187095			187095			187096			187096		
Sample Date	11/17/1998			11/17/1998			01/19/1999			01/19/1999			02/09/1999			02/09/1999			03/17/1999			03/17/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l
Calcium				12000		ug/l				7700		ug/l				9300		ug/l				8600		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1		ug/l	1	UJ	ug/l	2		ug/l	1		ug/l	1		ug/l	1		ug/l	2		ug/l	1		ug/l
Lithium																								
Magnesium				4600		ug/l				2600		ug/l				3500		ug/l				3200		ug/l
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium																								
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	40		ug/l	32		ug/l	90		ug/l	69		ug/l	80		ug/l	69		ug/l	100		ug/l	76		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg02

Site Location	SR75			SR75			SR75			SR75			SR75			SR75			SR75			SR75		
Location Cross Ref.	USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187097			187097			187098			187098			187099			187099			187100			187100		
Sample Date	04/13/1999			04/13/1999			05/11/1999			05/11/1999			06/03/1999			06/03/1999			06/15/1999			06/15/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			6010			D6010			6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l	1	UJ	ug/l				1		ug/l				1		ug/l				1		ug/l
Calcium				8400		ug/l				6400		ug/l				5500		ug/l				6500		ug/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	2		ug/l	1		ug/l	4		ug/l	1		ug/l	8		ug/l	1.2		ug/l	3		ug/l	1		ug/l
Lithium																								
Magnesium				3100		ug/l				2300		ug/l				1700		ug/l				2300		ug/l
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium										1800		ug/l				1500		ug/l				1600		ug/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				84		ug/l	70		ug/l	70		ug/l	60		ug/l	51		ug/l	50		ug/l	45		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg02

Site Location	SR75			SR75			SR75			SR75			SR75			SR75			SR75			SR75		
Location Cross Ref.	USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE			USGS AT SPOKANE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202110			202110			202110			202111			202111			202111			202112			202112		
Sample Date	07/13/1999			07/13/1999			07/13/1999			08/09/1999			08/09/1999			08/09/1999			09/08/1999			09/08/1999		
Sample Type	Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			6010			D6010			D6010			6010			D6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium							1	U	ug/l							1	U	ug/l						
Calcium	10		mg/l							16		mg/l							29		mg/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead				1.1		ug/l	1	U	ug/l				1.4		ug/l	1	U	ug/l				0.55		ug/l
Lithium																								
Magnesium	4		mg/l							6.5		mg/l							13		mg/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium	1.9		mg/l							2.4		mg/l							3.6		mg/l			
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc				38		ug/l	35		ug/l				24		ug/l	20		ug/l				8.1		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg02

Site Location	SR75			SR80			SR80			SR80			SR80			SR80			SR80			SR80		
Location Cross Ref.	USGS AT SPOKANE			USGS HANGMAN CR			USGS HANGMAN CR			USGS HANGMAN CR			USGS HANGMAN CR			USGS HANGMAN CR			USGS HANGMAN CR			USGS HANGMAN CR		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	202112			187102			187102			187103			187103			187104			202107			202107		
Sample Date	09/08/1999			04/14/1999			04/14/1999			05/12/1999			05/12/1999			06/16/1999			07/14/1999			07/14/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Field Duplicate			Field Duplicate		
Analytical Method	D6010			6010			D6010			6010			D6010			D6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	U	ug/l	1	UJ	ug/l	1	UJ	ug/l				1		ug/l							1	U	ug/l
Calcium							21000		ug/l				7900		ug/l	41000		ug/l	47		mg/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1	U	ug/l	1	UJ	ug/l	1	UJ	ug/l	2		ug/l	1		ug/l	1		ug/l				1	U	ug/l
Lithium																								
Magnesium							6600		ug/l				2700		ug/l	12000		ug/l	14		mg/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium													2400		ug/l	12000		ug/l	13		mg/l			
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	7		ug/l				20		ug/l	60		ug/l	51		ug/l							1		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg02

Site Location	SR80			SR80			SR80			SR80	
Location Cross Ref.	USGS HANGMAN CR			USGS HANGMAN CR			USGS HANGMAN CR			USGS HANGMAN CR	
Location Type	River/Stream			River/Stream			River/Stream			River/Stream	
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER	
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water	
Depth Range in Ft.	-			-			-			-	
Sample Number	202108			202108			202109			202109	
Sample Date	08/10/1999			08/10/1999			09/08/1999			09/08/1999	
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample	
Analytical Method	D6010			D6010			D6010			D6010	
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum												
Antimony												
Arsenic												
Barium												
Beryllium												
Cadmium				1	U	ug/l				1	U	ug/l
Calcium	49		mg/l				46		mg/l			
Chromium												
Cobalt												
Copper												
Cyanide												
Iron												
Lead				1	U	ug/l				1	U	ug/l
Lithium												
Magnesium	16		mg/l				16		mg/l			
Manganese												
Mercury												
Molybdenum												
Nickel												
Potassium												
Selenium												
Silicon												
Silver												
Sodium	13		mg/l				13		mg/l			
Strontium												
Sulfur												
Thallium												
Titanium												
Uranium												
Vanadium												
Zinc				1	U	ug/l				1	U	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg03

Site Location	SR85	SR85	SR85	SR85	SR85	SR85	SR85	SR85
Location Cross Ref.	USGS AT LONG LAKE	USGS AT LONG LAKE	USGS AT LONG LAKE	USGS AT LONG LAKE	USGS AT LONG LAKE	USGS AT LONG LAKE	USGS AT LONG LAKE	USGS AT LONG LAKE
Location Type	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream	River/Stream
(Ref) Source/Lab	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER	(18) USGS/OTHER
Matrix Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Depth Range in Ft.	-	-	-	-	-	-	-	-
Sample Number	187106	187106	187107	187107	187108	187108	187109	187109
Sample Date	10/20/1998	10/20/1998	11/17/1998	11/17/1998	01/19/1999	01/19/1999	02/09/1999	02/09/1999
Sample Type	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample	Environ. Sample
Analytical Method	6010	D6010	6010	D6010	6010	D6010	6010	D6010

Analyte	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit	Value Q	Unit
Aluminum																
Antimony																
Arsenic																
Barium																
Beryllium																
Cadmium	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l	1 UJ	ug/l
Calcium			22000	ug/l			23000	ug/l			12000	ug/l			11000	ug/l
Chromium																
Cobalt																
Copper																
Cyanide																
Iron																
Lead	1	ug/l	1 UJ	ug/l	1	ug/l	1 UJ	ug/l	1	ug/l	1 UJ	ug/l	1	ug/l	1 UJ	ug/l
Lithium																
Magnesium			9000	ug/l			8800	ug/l			4300	ug/l			4000	ug/l
Manganese																
Mercury																
Molybdenum																
Nickel																
Potassium																
Selenium																
Silicon																
Silver																
Sodium																
Strontium																
Sulfur																
Thallium																
Titanium																
Uranium																
Vanadium																
Zinc	10	ug/l	9 UJ	ug/l	10	ug/l	7.2	ug/l	50	ug/l	26	ug/l	60	ug/l	52	ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg03

Site Location	SR85			SR85			SR85			SR85			SR85			SR85			SR85			SR85		
Location Cross Ref.	USGS AT LONG LAKE			USGS AT LONG LAKE			USGS AT LONG LAKE			USGS AT LONG LAKE			USGS AT LONG LAKE			USGS AT LONG LAKE			USGS AT LONG LAKE			USGS AT LONG LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187110			187110			187111			187111			187112			187113			187113			187114		
Sample Date	03/17/1999			03/17/1999			04/13/1999			04/13/1999			05/11/1999			06/03/1999			06/03/1999			06/15/1999		
Sample Type	Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010			6010			D6010			D6010			6010			D6010			6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l	1	UJ	ug/l				1	UJ	ug/l			
Calcium				10000		ug/l				9300		ug/l	25000		ug/l				7000		ug/l			
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1		ug/l	1		ug/l	2		ug/l	1		ug/l	1		ug/l	2		ug/l	1		ug/l	2		ug/l
Lithium																								
Magnesium				3600		ug/l				3400		ug/l	7800		ug/l				2200		ug/l			
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium													9.3		ug/l				1900		ug/l			
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	50		ug/l	42		ug/l				56		ug/l	1.5		ug/l	30		ug/l	25		ug/l	30		ug/l

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg03

Site Location	SR85			SR85			SR85			SR85			SR85			SR85			SR85			SR85		
Location Cross Ref.	USGS AT LONG LAKE			USGS AT LONG LAKE			USGS AT LONG LAKE			USGS AT LONG LAKE			USGS AT LONG LAKE			USGS AT LONG LAKE			USGS AT LONG LAKE			USGS AT LONG LAKE		
Location Type	River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water			Surface Water		
Depth Range in Ft.	-			-			-			-			-			-			-			-		
Sample Number	187114			202104			202104			202104			202105			202105			202105			202106		
Sample Date	06/15/1999			07/13/1999			07/13/1999			07/13/1999			08/10/1999			08/10/1999			08/10/1999			09/08/1999		
Sample Type	Environ. Sample			Field Duplicate			Field Duplicate			Field Duplicate			Environ. Sample			Environ. Sample			Environ. Sample			Environ. Sample		
Analytical Method	D6010			D6010			6010			D6010			D6010			6010			D6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum																								
Antimony																								
Arsenic																								
Barium																								
Beryllium																								
Cadmium	1		ug/l							1	U	ug/l							1	U	ug/l			
Calcium	7500		ug/l	12		mg/l							16		mg/l							21		mg/l
Chromium																								
Cobalt																								
Copper																								
Cyanide																								
Iron																								
Lead	1		ug/l							1	U	ug/l							1	U	ug/l			
Lithium																								
Magnesium	2500		ug/l	4.2		mg/l							6.3		mg/l							8.2		mg/l
Manganese																								
Mercury																								
Molybdenum																								
Nickel																								
Potassium																								
Selenium																								
Silicon																								
Silver																								
Sodium	1900		ug/l	2.4		mg/l							3.2		mg/l							4		mg/l
Strontium																								
Sulfur																								
Thallium																								
Titanium																								
Uranium																								
Vanadium																								
Zinc	24		ug/l				17		ug/l	13		ug/l				9.3		ug/l	9		ug/l			

Table A-2: Chemical Data Summary
Matrix Grouping: Water
CSM Unit 5 - Spokane River - segment SpokaneRSeg03

Site Location	SR85			SR85		
Location Cross Ref.	USGS AT LONG LAKE			USGS AT LONG LAKE		
Location Type	River/Stream			River/Stream		
(Ref) Source/Lab	(18) USGS/OTHER			(18) USGS/OTHER		
Matrix Type	Surface Water			Surface Water		
Depth Range in Ft.	-			-		
Sample Number	202106			202106		
Sample Date	09/08/1999			09/08/1999		
Sample Type	Environ. Sample			Environ. Sample		
Analytical Method	6010			D6010		
Analyte	**Value**	**Q**	**Unit**	**Value**	**Q**	**Unit**
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Cadmium				1	U	ug/l
Calcium						
Chromium						
Cobalt						
Copper						
Cyanide						
Iron						
Lead				1	U	ug/l
Lithium						
Magnesium						
Manganese						
Mercury						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Sulfur						
Thallium						
Titanium						
Uranium						
Vanadium						
Zinc	7.2		ug/l	5		ug/l