ALL DATA

Location	SampleDate	Aluminum	Antimony	Arsenic
CC06	20-May-09	59000		111
CC06	17-Jun-09	33400		21.3
CC06	14-Jul-09	31900		5.5
CC06	18-Aug-09	28600		4
CC06	22-Sep-09	21600		4
CC06	18-Mar-10	8040		4
CC06	14-Apr-10	7220		4
CC06	02-Jun-10	57700		139
CC06	14-Jul-10	29800		5.6
CC06	14-Sep-10	25700		1
CC06	03-Nov-10	17300		1
CC06	14-Jun-11	60000		160
CC06	19-Jul-11	52200		44.1
CC06	16-Aug-11	39200		8.4
CC06	13-Sep-11	28300		4
CC06	18-Oct-11	21700		4
CC06	16-May-12	21000	5	5
CC06	02-Oct-12	18200	2.5	2.5
CC06	23-Sep-14	32700	5	5
CC06	15-Jul-15	43500	5	5
AVERAGE		**31853**	**4.375**	**26.92**
MIN		**7220**	**2.5**	**1**
MAX		**60000**	**5**	**160**

RUNOFF

CC06	20-May-09	59000		111
CC06	17-Jun-09	33400		21.3
CC06	14-Jul-09	31900		5.5
CC06	02-Jun-10	57700		139
CC06	14-Jul-10	29800		5.6
CC06	14-Jun-11	60000		160
CC06	19-Jul-11	52200		44.1
CC06	16-May-12	21000	5	5
CC06	15-Jul-15	43500	5	5
AVERAGE		**43167**	**5**	**55**
MIN		**21000**	**5**	**5**
MAX		**60000**	**5**	**160**

NON-RUNOFF

CC06	18-Aug-09	28600		4
CC06	22-Sep-09	21600		4

CC06	18-Mar-10	8040		4
CC06	14-Apr-10	7220		4
CC06	14-Sep-10	25700		1
CC06	03-Nov-10	17300		1
CC06	16-Aug-11	39200		8.4
CC06	13-Sep-11	28300		4
CC06	18-Oct-11	21700		4
CC06	02-Oct-12	18200	2.5	2.5
CC06	23-Sep-14	32700	5	5
AVERAGE		**22596**	**4**	**4**
MIN		**7220**	**2.5**	**1**
MAX		**39200**	**5**	**8.4**

SUMMARY - CC06 - GOLD KING MINE

Location	SampleDate	Aluminum	Antimony	Arsenic
ALL DATA				
AVERAGE		31853	4.38	26.9
MIN		7220	2.5	1
MAX		60000	5	160
RUNOFF				
AVERAGE		43167	5	55.2
MIN		21000	5	5
MAX		60000	5	160
NON-RUNOFF				
AVERAGE		22596	3.75	3.81
MIN		7220	2.5	1
MAX		39200	5	8.4

	ALL DATA			**RUNOFF**
Location	**AVERAGE**	**MIN**	**MAX**	**AVERAGE**
Aluminum (µg/L)	31853	7220	60000	43167
Antimony (µg/L)	4.38	2.5	5	5
Arsenic (µg/L)	26.9	1	160	55.2
Barium (µg/L)	43.75	25	50	50
Beryllium (µg/L)	8.59	3.7	20	9.39
Cadmium (µg/L)	72.3	36.1	138	88.9
Calcium (µg/L)	378,700	344,000	414,000	370,333
Chromium (µg/L)	6.26	0.5	16.5	9.44
Cobalt (µg/L)	91.3	69.1	121	98.1
Copper (µg/L)	6381	2450	12100	8026
Dissolved Oxygen (µg/L)	4.12	3.3	5.3	4.9
Hardness (mg/L)	1014	997	1040	1009
Iron (µg/L)	108,860	46,800	257,000	147,400
Lead (µg/L)	15.5	1	29	18.4

Magnesium (µg/L)	26,700	19,500	37,000	30,400
Manganese (µg/L)	30,180	26,000	35,300	28,756
Nickel (µg/L)	60.4	37.4	94	71.3
Potassium (µg/L)	1758	931	2500	1676
Selenium (µg/L)	5.26	1.7	10	6.56
Silver (µg/L)	1.39	0.1	5	1.83
Sodium (µg/L)	5384	4680	6140	5164
Strontium (µg/L)	5593	5090	6220	5655
Thallium (µg/L)	4.38	2.5	5	5
TOTAL DISSOLVED SOLIDS (mg/L)	2222	1700	3100	2525
Vanadium (µg/L)	17.5	10	20	20
Zinc (µg/L)	25,655	13,000	41,900	30,278

Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	solved Oxy
	7.97	110	368000	14.1		10100	
	6.84	71.6	382000	4.4		5520	
	8.18	60.8	398000	4.04		5520	
	9.1	66.6	392000	2.1		7310	
	8.5	62.7	394000	2		5440	
	3.9	36.1	404000	3		2450	
	3.7	41	414000	2		2690	
	8.5	133	344000	16.5		12100	
	6.8	63.2	403000	5		4970	
	8.1	56.9	403000	0.5		5540	
	6.7	53.3	410000	0.5		3900	
	8.1	138	351000	12.6		11900	5.3
	7.7	62.2	366000	8.3		9490	4.5
	9.9	72.2	359000	5		8370	3.9
	9.3	60.3	365000	5		6350	3.6
	8.2	58.8	361000	5		4950	3.3
50	20	57.1	373000	10	75.2	3800	
25	10	50.5	381000	5.15	69.1	3420	
50	10	88.6	358000	10	100	4960	
50	10.4	104	348000	10	121	8830	
43.75	**8.5945**	**72.345**	**378700**	**6.2595**	**91.325**	**6380.5**	**4.12**
25	**3.7**	**36.1**	**344000**	**0.5**	**69.1**	**2450**	**3.3**
50	**20**	**138**	**414000**	**16.5**	**121**	**12100**	**5.3**

	7.97	110	368000	14.1		10100	
	6.84	71.6	382000	4.4		5520	
	8.18	60.8	398000	4.04		5520	
	8.5	133	344000	16.5		12100	
	6.8	63.2	403000	5		4970	
	8.1	138	351000	12.6		11900	5.3
	7.7	62.2	366000	8.3		9490	4.5
50	20	57.1	373000	10	75.2	3800	
50	10.4	104	348000	10	121	8830	
50	**9**	**89**	**370333**	**9**	**98**	**8026**	**5**
50	**6.8**	**57.1**	**344000**	**4.04**	**75.2**	**3800**	**4.5**
50	**20**	**138**	**403000**	**16.5**	**121**	**12100**	**5.3**

	9.1	66.6	392000	2.1		7310	
	8.5	62.7	394000	2		5440	

	3.9	36.1	404000	3		2450	
	3.7	41	414000	2		2690	
	8.1	56.9	403000	0.5		5540	
	6.7	53.3	410000	0.5		3900	
	9.9	72.2	359000	5		8370	3.9
	9.3	60.3	365000	5		6350	3.6
	8.2	58.8	361000	5		4950	3.3
25	10	50.5	381000	5.15	69.1	3420	
50	10	88.6	358000	10	100	4960	
38	**8**	**59**	**385545**	**4**	**85**	**5035**	**4**
25	**3.7**	**36.1**	**358000**	**0.5**	**69.1**	**2450**	**3.3**
50	**10**	**88.6**	**414000**	**10**	**100**	**8370**	**3.9**

Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	olved Oxy
43.75	8.59	72.3	378700	6.26	91.3	6381	4.12
25	3.7	36.1	344000	0.5	69.1	2450	3.3
50	20	138	414000	16.5	121	12100	5.3
50	9.39	88.9	370333.33333	9.44	98.1	8026	4.9
50	6.8	57.1	344000	4.04	75.2	3800	4.5
50	20	138	403000	16.5	121	12100	5.3
37.5	7.95	58.8	385545.45455	3.66	84.6	5035	3.6
25	3.7	36.1	358000	0.5	69.1	2450	3.3
50	10	88.6	414000	10	100	8370	3.9

		NON-RUNOFF		
MIN	**MAX**	**AVERAGE**	**MIN**	**MAX**
21000	60000	22596	7220	39200
5	5	3.75	2.5	5
5	160	3.81	1	8.4
50	50	37.5	25	50
6.8	20	7.95	3.7	10
57.1	138	58.8	36.1	88.6
344,000	403,000	385,545	358,000	414,000
4.04	16.5	3.66	0.5	10
75.2	121	84.6	69.1	100
3800	12100	5035	2450	8370
4.5	5.3	3.6	3.3	3.9
997	1020	1020	1000	1040
46,800	257,000	77,327	47,400	123,000
1.81	25.3	13.1	1	29

22,100	37,000	23,673	19,500	29,000
26,000	31,800	31,345	26,200	35,300
39.7	94	51.6	37.4	68.2
931	2500	1825	1250	2200
3.4	10	4.21	1.7	10
0.5	5	1.02	0.1	5
4680	6050	5563	4760	6140
5090	6220	5530	5280	5780
5	5	3.75	2.5	5
2200	3100	1980	1700	2300
20	20	15	10	20
19,100	41,900	21,873	13,000	29,300

Hardness	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium
	240000	25.3	37000	30200	91.1	1640	8.1	1	5130
	102000	19.7	26100	27700	57.6	1750	3.6	1	5650
	91900	22.6	27000	31800	63.8	1890	3.4	0.5	6050
	90400	26.1	25800	34200	59.9	2200	4.3	0.5	5420
	80800	14.6	23900	33900	55.6	2020	2.9	0.5	5820
	54000	1	19800	27400	38.1	1760	2	0.5	6090
	47400	1	19500	26200	37.4	1690	1.7	0.5	6140
	213000	20.7	33800	27100	94	1590	8.2	1	4740
	81900	18.9	26500	29600	53.7	1710	3.9	0.5	5370
	75200	21.1	24900	31700	55.2	2160	2.6	0.1	5730
	65800	6.5	22200	30700	47.7	1760	3	0.1	5530
	257000	23.7	36300	28100	93.2	1570	10	2	4910
	175000	18.1	33600	28900	86.2	1500	6.8	0.5	4760
	123000	29	29000	30900	68.2	2130	5.5	0.5	5440
	83800	23.9	24600	33600	59.6	2010	4.8	0.5	5640
	72500	15	22700	32000	49.9	1840	4.6	0.5	5460
1020	46800	14.9	22100	26000	39.7	2500	5	5	5190
1040	66400	4.75	21600	28900	44.9	1250	4.87	2.5	5160
1000	91300	1	26400	35300	50.6	1250	10	5	4760
997	119000	1.81	31200	29400	62.3	931	10	5	4680
1014.25	**108860**	**15.483**	**26700**	**30180**	**60.435**	**1757.55**	**5.2635**	**1.385**	**5383.5**
997	**46800**	**1**	**19500**	**26000**	**37.4**	**931**	**1.7**	**0.1**	**4680**
1040	**257000**	**29**	**37000**	**35300**	**94**	**2500**	**10**	**5**	**6140**

	240000	25.3	37000	30200	91.1	1640	8.1	1	5130
	102000	19.7	26100	27700	57.6	1750	3.6	1	5650
	91900	22.6	27000	31800	63.8	1890	3.4	0.5	6050
	213000	20.7	33800	27100	94	1590	8.2	1	4740
	81900	18.9	26500	29600	53.7	1710	3.9	0.5	5370
	257000	23.7	36300	28100	93.2	1570	10	2	4910
	175000	18.1	33600	28900	86.2	1500	6.8	0.5	4760
1020	46800	14.9	22100	26000	39.7	2500	5	5	5190
997	119000	1.81	31200	29400	62.3	931	10	5	4680
1009	**147400**	**18**	**30400**	**28756**	**71**	**1676**	**7**	**2**	**5164**
997	**46800**	**1.81**	**22100**	**26000**	**39.7**	**931**	**3.4**	**0.5**	**4680**
1020	**257000**	**25.3**	**37000**	**31800**	**94**	**2500**	**10**	**5**	**6050**

	90400	26.1	25800	34200	59.9	2200	4.3	0.5	5420
	80800	14.6	23900	33900	55.6	2020	2.9	0.5	5820

	54000	1	19800	27400	38.1	1760	2	0.5	6090
	47400	1	19500	26200	37.4	1690	1.7	0.5	6140
	75200	21.1	24900	31700	55.2	2160	2.6	0.1	5730
	65800	6.5	22200	30700	47.7	1760	3	0.1	5530
	123000	29	29000	30900	68.2	2130	5.5	0.5	5440
	83800	23.9	24600	33600	59.6	2010	4.8	0.5	5640
	72500	15	22700	32000	49.9	1840	4.6	0.5	5460
1040	66400	4.75	21600	28900	44.9	1250	4.87	2.5	5160
1000	91300	1	26400	35300	50.6	1250	10	5	4760
1020	**77327**	**13**	**23673**	**31345**	**52**	**1825**	**4**	**1**	**5563**
1000	**47400**	**1**	**19500**	**26200**	**37.4**	**1250**	**1.7**	**0.1**	**4760**
1040	**123000**	**29**	**29000**	**35300**	**68.2**	**2200**	**10**	**5**	**6140**

Hardness	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium
1014	108860	15.5	26700	30180	60.4	1758	5.26	1.39	5384
997	46800	1	19500	26000	37.4	931	1.7	0.1	4680
1040	257000	29	37000	35300	94	2500	10	5	6140
1009	147400	18.4	30400	28756	71.3	1676	6.56	1.83	5164
997	46800	1.81	22100	26000	39.7	931	3.4	0.5	4680
1020	257000	25.3	37000	31800	94	2500	10	5	6050
1020	77327	13.1	23673	31345	51.6	1825	4.21	1.02	5563
1000	47400	1	19500	26200	37.4	1250	1.7	0.1	4760
1040	123000	29	29000	35300	68.2	2200	10	5	6140

Strontium	Thallium	DISSOLVED	Vanadium	Zinc
				40200
		2300		21900
		2200		24000
		2300		24800
		2100		22400
		1700		15600
				13000
		3100		39300
		2500		22500
		1900		21700
		1900		20700
				41900
				32900
				28600
				23900
				21100
6220	5		20	19100
5780	2.5		10	19500
5280	5		20	29300
5090	5		20	30700
5592.5	**4.375**	**222.22222**	**17.5**	**25655**
5090	**2.5**	**1700**	**10**	**13000**
6220	**5**	**3100**	**20**	**41900**

				40200
		2300		21900
		2200		24000
		3100		39300
		2500		22500
				41900
				32900
6220	5		20	19100
5090	5		20	30700
5655	**5**	**2525**	**20**	**30278**
5090	**5**	**2200**	**20**	**19100**
6220	**5**	**3100**	**20**	**41900**

		2300		24800
		2100		22400

		1700		15600
				13000
		1900		21700
		1900		20700
				28600
				23900
				21100
5780	2.5		10	19500
5280	5		20	29300
5530	**4**	**1980**	**15**	**21873**
5280	**2.5**	**1700**	**10**	**13000**
5780	**5**	**2300**	**20**	**29300**

Strontium	Thallium	DISSOLVED	Vanadium	Zinc
5593	4.38	2222	17.5	25655
5090	2.5	1700	10	13000
6220	5	3100	20	41900
5655	5	2525	20	30278
5090	5	2200	20	19100
6220	5	3100	20	41900
5530	3.75	1980	15	21873
5280	2.5	1700	10	13000
5780	5	2300	20	29300