NEVADA GOLDFIELDS INC.

BARITE HILL PROJECT

Highway 221 & State Road 33-162
P.O. Box 1510
McCormick, South Carolina 29835
Phone 803/465-3321 Fax 803/465-4308

RECEIVED
MAR 0 1 1996
WATER QUALITY ASSESSMENT
AND ENFORCEMENT DIVISION

This Barite Hill document was scanned and saved to the G drive at the following location:
G/DIV_SARRD/SEC_SARR_FR/NPL& Removal Sites/Barite Hill/Barite Hill Mining

February 28, 1996

Enforcement Division
S.C. Dept. of Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

Re: Quarterly Results - Ground Water Monitoring: Construction Permit # 16,225 Condition 3.

To Whom It Concerns:

Evaluation of the 1995 fourth quarter monitor results indicate the samples collected for analysis of metals were switched for GW-1 and GW-3. GW-1 shows levels of Al, Ca, Fe, P, Mg, Mn, Na that correlate extremely well with third quarter levels of GW-3 and vice versa for GW-3 results. These wells will be resampled for metal constitueuts to verify that the samples were indeed switched. If a resample indicates a switch, the new results will supersede the old results, and will be used for future evaluation of water quality.

Well H showed elevated TOC. This is assumed to be a lab error as there is no other logical explanation for the result. This well will also be re-sampled for TOC for verification of the result.

Well J showed an increase in Fe. This appears to be a continuation of an upward trend beginning with the 1995 third quarter.

If you have any questions, please contact me at (803) 443-2222.

Sincerely,

Scott A. Wilkinson
Project Manager

SAW:an

Davis & Floyd, Inc.

Laboratory Analysis Report

Page 1

Work Order # 95-12-209

Received: 12/22/95

01/04/96 14:48:28

REPORT NEVADA GOLDFIELDS, INC.
TO P.O. BOX 1530
McCORMICK, SC 29835

ATTEN SCOTT WILKENSON

PREPARED DAVIS & FLOYD, INC.
BY P.O. DRAWER 428
GREENWOOD, SC 29648

PHONE (803)-229-5211

CERTIFIED BY

JOHN_MCCORD

WORK ID JOB NO. 7561.00
P.O. # N/A
TAKEN DAVIS & FLOYD, INC
TYPE GROUNDWATER
NUMBER OF SAMPLES 1

Comments:
WE ARE PLEASED TO PROVIDE THIS CERTIFIED REPORT OF ANALYSES. FEEL FREE TO TELEPHONE IF FURTHER EXPLANATION IS REQUIRED. UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE, SAMPLES WILL BE DISPOSED OF OR RETURNED 14 DAYS FROM THE DATE OF THIS REPORT.

SAMPLE IDENTIFICATION	DATE COLLECTED
01 GW-1	12/21/95 09:35:00

RECEIVED
MAR 0 1 1996
WATER QUALITY ASSESSMENT
AND ENFORCEMENT DIVISION

Davis & Floyd, Inc.

Laboratory Analysis Report

Work Order # 95-12-209

Received: 12/22/95 01/04/96 14:48:28

Test Description	Units	01 GW-1
GROUNDWATER ELEVATION	Feet Above MSL	NA
pH (FIELD ANALYSIS)	pH units	4.7
SPECIFIC CONDUCTANCE (FLD)	micromhos/cm	67
TEMPERATURE	Degrees C	16
SILVER (TOTAL)	mg/l	< 0.010
ALUMINUM (TOTAL)	mg/l	8.20
BARIUM (TOTAL)	mg/l	0.030
CALCIUM (TOTAL)	mg/l	16.5
CADMIUM (TOTAL)	mg/l	< 0.0050
CHROMIUM (TOTAL)	mg/l	< 0.010
COPPER (TOTAL)	mg/l	0.034
COPPER (DISSOLVED)	mg/l	0.045
IRON (TOTAL)	mg/l	12.3
POTASSIUM (TOTAL)	mg/l	< 2.0
MAGNESIUM (TOTAL)	mg/l	19.3
MANGANESE (TOTAL)	mg/l	1.06
SODIUM (TOTAL)	mg/l	11.1
NICKEL (TOTAL)	mg/l	< 0.020
ZINC (TOTAL)	mg/l	0.110
MERCURY (TOTAL)	mg/l	< 0.00020
ARSENIC (TOTAL)	mg/l	< 0.0050
LEAD (TOTAL)	mg/l	< 0.0050
SELENIUM (TOTAL)	mg/l	< 0.0050
ORGANIC CARBON TOTAL	mg/l	1.6
ALKALINITY BICARBONATE	mg/l	< 1.0

Davis & Floyd, Inc.

Laboratory Analysis Report

Received: 12/22/95

01/04/96 14:48:28

Work Order # 95-12-209

Continued From Above

Test Description	Units	01 GW-1
CHLORIDE (by IC)	mg/l	4.12
SULFATE (by IC)	mg/l	18.7
AMMONIA NITROGEN	mg/l	< 0.10
NITRITE NITROGEN	mg/l	< 0.050
NITRATE NITROGEN	mg/l	0.573
CYANIDE (TOTAL)	mg/l	< 0.0050
DISSOLVED SOLIDS TOTAL	mg/l	47

9512209

DAVIS & FLOYD

Chain of Custody Form

816 East Durst Street, Greenwood, S.C. 29649 Phone (803)229-5211 Fax (803)229-7119

PROJ. NO.: 7561.00

PROJECT NAME: Nevada Goldfields Monthly

SAMPLERS NAME/AFFILIATION:(PRINTED): Steve Lohr

SAMPLE NO.	DATE	GRAB	TIME	COMP	TIME ON	TIME OFF	SAMPLE DESCRIPTION	NO. OF BOTTLES	1 1/2 gal P.	2 1/2 gal P.	3 1/2 gal w/sulfuric	4 1/2 gal P.	5 250 ml P.	6 1000 ml P.	7 250 ml P.	8	9	10	11	12	13	14	15	SAMPLE TYPE	POTENTIAL HAZARD
	12-21-95	X	0935				GW-1	7	1	1	1	1	1	1	1									GW	

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)
Steve Lohr	12-22-95 0800				

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED FOR LAB BY: (SIGNATURE)	DATE / TIME	CLIENT CONTACT:	
		Tracey M. Willis	12/22/95 8:00	RESULTS SENT TO:	DATE:

DW-DRINKING WATER WW-WASTE WATER HW-HAZARDOUS WATER SD-SOLID

Davis & Floyd, Inc.

Laboratory Analysis Report

Work Order # 95-12-211

Received: 12/22/95 01/04/96 14:48:42

REPORT NEVADA GOLDFIELDS, INC.
TO P.O. BOX 1530
McCORMICK, SC 29835

ATTEN SCOTT WILKENSON

PREPARED DAVIS & FLOYD, INC.
BY P.O. DRAWER 428
GREENWOOD, SC 29648

PHONE (803)-229-5211

CERTIFIED BY

JOHN_MCCORD

WORK ID JOB NO. 7561.00
P.O. # N/A
TAKEN DAVIS & FLOYD, INC
TYPE GROUNDWATER
NUMBER OF SAMPLES 7

Comments:
WE ARE PLEASED TO PROVIDE THIS CERTIFIED REPORT OF ANALYSES. FEEL FREE TO TELEPHONE IF FURTHER EXPLANATION IS REQUIRED. UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE, SAMPLES WILL BE DISPOSED OF OR RETURNED 14 DAYS FROM THE DATE OF THIS REPORT.

SAMPLE IDENTIFICATION	DATE COLLECTED
01 GW-3	12/21/95 16:35:00
02 H	12/21/95 13:35:00
03 I	12/21/95 11:21:00
04 J	12/21/95 11:52:00
05 K	12/21/95 12:35:00
06 P	12/21/95 15:17:00
07 P DUP	12/21/95 15:17:00

Davis & Floyd, Inc.

Laboratory Analysis Report

Work Order # 95-12-211

Received: 12/22/95 01/04/96 14:48:42

Test Description	Units	01 GW-3	02 H	03 I	04 J
GROUNDWATER ELEVATION	Feet Above MSL	NA	NA	NA	NA
pH (FIELD ANALYSIS)	pH units	6.3	5.2	5.3	5.8
SPECIFIC CONDUCTANCE (FLD)	micromhos/cm	245	53	70	83
TEMPERATURE	Degrees C	15	16	17	17
SILVER (TOTAL)	mg/l	< 0.010	< 0.010	< 0.010	< 0.010
ALUMINUM (TOTAL)	mg/l	2.98	2.82	0.800	5.49
BARIUM (TOTAL)	mg/l	0.103	0.175	0.032	0.053
CALCIUM (TOTAL)	mg/l	2.12	1.89	1.37	2.04
CADMIUM (TOTAL)	mg/l	< 0.0050	< 0.0050	< 0.0050	< 0.0050
CHROMIUM (TOTAL)	mg/l	< 0.010	< 0.010	< 0.010	0.011
COPPER (TOTAL)	mg/l	0.074	0.109	0.010	0.146
COPPER (DISSOLVED)	mg/l	< 0.010	0.025	< 0.010	< 0.010
IRON (TOTAL)	mg/l	7.30	24.8	0.750	27.3
POTASSIUM (TOTAL)	mg/l	< 2.0	< 2.0	< 2.0	< 2.0
MAGNESIUM (TOTAL)	mg/l	2.73	< 1.0	2.56	4.78
MANGANESE (TOTAL)	mg/l	0.117	0.398	0.070	0.417
SODIUM (TOTAL)	mg/l	3.70	4.59	6.59	6.65
NICKEL (TOTAL)	mg/l	< 0.020	< 0.020	< 0.020	< 0.020
ZINC (TOTAL)	mg/l	0.067	0.040	0.027	0.050
MERCURY (TOTAL)	mg/l	< 0.00020	0.00029	0.00020	< 0.00020
ARSENIC (TOTAL)	mg/l	< 0.0050	0.0053	< 0.0050	< 0.0050
LEAD (TOTAL)	mg/l	< 0.0050	0.0342	< 0.0050	0.0052
SELENIUM (TOTAL)	mg/l	< 0.0050	< 0.0050	[illegible]	< 0.0050
ORGANIC CARBON TOTAL	mg/l	1.2	14.2	< 1.0	< 1.0
ALKALINITY BICARBONATE	mg/l	81.4	< 1.0	4.4	4.4

Davis & Floyd, Inc.

Laboratory Analysis Report

Received: 12/22/95

01/04/96 14:48:42

Work Order # 95-12-211

Continued From Above

Test Description	Units	01 GW-3	02 H	03 I	04 J
CHLORIDE (by IC)	mg/l	4.39	7.07	8.94	5.24
SULFATE (by IC)	mg/l	45.0	5.32	8.42	22.6
AMMONIA NITROGEN	mg/l	< 0.10	0.75	< 0.10	< 0.10
NITRITE NITROGEN	mg/l	< 0.050			
NITRITE NITROGEN	mg/l		< 0.050	< 0.050	< 0.050
NITRATE NITROGEN	mg/l	0.223	0.257	1.08	0.918
CYANIDE (TOTAL)	mg/l	< 0.0050	< 0.0050	0.0140	< 0.0050
DISSOLVED SOLIDS TOTAL	mg/l	197	36	46	62

Test Description	Units	05 K	06 P	07 P DUP
GROUNDWATER ELEVATION	Feet Above MSL	NA	NA	NA
pH (FIELD ANALYSIS)	pH units	6.4	6.0	6.0
SPECIFIC CONDUCTANCE (FLD)	micromhos/cm	116	135	136
TEMPERATURE	Degrees C	14	16	16
SILVER (TOTAL)	mg/l	< 0.010	< 0.010	0.013
ALUMINUM (TOTAL)	mg/l	132.	13.9	22.9
BARIUM (TOTAL)	mg/l	0.293	0.034	0.047
CALCIUM (TOTAL)	mg/l	16.9	6.44	6.66
CADMIUM (TOTAL)	mg/l	< 0.0050	< 0.0050	< 0.0050
CHROMIUM (TOTAL)	mg/l	0.179	0.059	0.088
COPPER (TOTAL)	mg/l	0.291	0.057	0.087
COPPER (DISSOLVED)	mg/l	< 0.010	< 0.010	< 0.010
IRON (TOTAL)	mg/l	217.	27.7	43.1

Davis & Floyd, Inc.

Laboratory Analysis Report

Received: 12/22/95

01/04/96 14:48:42

Work Order # 95-12-211

Continued From Above

Test Description	Units	05 K	06 P	07 P DUP
POTASSIUM (TOTAL)	mg/l	< 2.0	< 2.0	< 2.0
MAGNESIUM (TOTAL)	mg/l	94.9	19.7	26.3
MANGANESE (TOTAL)	mg/l	3.51	1.46	2.14
SODIUM (TOTAL)	mg/l	7.12	9.34	9.61
NICKEL (TOTAL)	mg/l	0.130	0.022	0.034
ZINC (TOTAL)	mg/l	1.87	0.479	0.751
MERCURY (TOTAL)	mg/l	< 0.00020	< 0.00020	< 0.00020
ARSENIC (TOTAL)	mg/l	< 0.0050	< 0.0050	< 0.0050
LEAD (TOTAL)	mg/l	0.0291	0.0143	0.0158
SELENIUM (TOTAL)	mg/l	< 0.0050	< 0.0050	< 0.0050
ORGANIC CARBON TOTAL	mg/l	< 1.0	< 1.0	< 1.0
ALKALINITY BICARBONATE	mg/l	59.4	66.0	72.6
CHLORIDE (by IC)	mg/l	4.08	5.03	5.20
SULFATE (by IC)	mg/l	5.31	5.21	5.04
AMMONIA NITROGEN	mg/l	< 0.10	< 0.10	< 0.10
NITRITE NITROGEN	mg/l	< 0.050	< 0.050	< 0.050
NITRATE NITROGEN	mg/l	0.323	0.262	0.228
CYANIDE (TOTAL)	mg/l	< 0.0050	< 0.0050	< 0.0050
DISSOLVED SOLIDS TOTAL	mg/l	92	112	111

9512211

DAVIS & FLOYD

Chain of Custody Form

816 East Durst Street, Greenwood, S.C. 29649 Phone (803)229-5211 Fax (803)229-7119

PROJ. NO.: 7561.00

PROJECT NAME: Nevada Goldfields Quarterly ~~Monthly~~

SAMPLERS NAME/AFFILIATION:(PRINTED): Steve Lohr

SAMPLE NO.	DATE	GRAB	TIME	COMP.	TIME ON	TIME OFF	SAMPLE DESCRIPTION	NO. OF BOTTLES	1 125ml P.	2 1/2 gal P.	3 125ml Glass/Septum	4 1/2 gal P.	5 250ml P.	6 1000ml P.	7 250ml P.	8	9	10	11	12	13	14	15	SAMPLE TYPE	POTENTIAL HAZARD
	12.21.95	X	1121				I	7	1	1	1	1	1	1	1									GW	
	"	X	1152				J	7	1	1	1	1	1	1	1										
		X	1235				K	7	1	1	1	1	1	1	1										
		X	1335				H	7	1	1	1	1	1	1	1										
		X	1517				P	7	1	1	1	1	1	1	1										
		X	1517				P DUP.	7	1	1	1	1	1	1	1										
		X	1635				GW-3	7	1	1	1	1	1	1	1										

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)
Steve Lohr	12.21.95 0800				

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED FOR LAB BY: (SIGNATURE)	DATE / TIME	CLIENT CONTACT:
		Tracey M. Willis	12/22/95 8:00	RESULTS SENT TO: DATE:

DW-DRINKING WATER WW-WASTE WATER HW-HAZARDOUS WATER SD-SOLID

DAVIS & FLOYD
ENGINEERS ARCHITECTS PLANNERS SCIENTISTS
CHARLESTON • GREENWOOD • COLUMBIA

FIELD DATA LOG FOR GROUNDWATER SAMPLE COLLECTION/ GROUNDWATER ELEVATION MEASUREMENTS

Well No.: GW-1

Client: Nevada Goldfields
Site Name: McCormick Job No.: 7561.00
Date: 12-21-95 LWR submitted by:
Sampling Personnel: SML
Site Personnel: —
Regulatory Personnel: —
Weather Conditions: Sunny Temp.: 30's
Well Diameter: 4.0 in.
(A) Top of Well Elevation: — msl (yes/no)
(B) Depth to Immiscible Layer: — ft.
(C) Immiscible Layer Elevation: (A)-(B)= — msl (yes/no)
(D) Depth to Groundwater: 23.41 ft.
(E) Groundwater Elevation: (A)-(D)= — msl (yes/no)
(F) Total Well Depth = 37.25 ft.
(G) Length of Water Column: (F)-(D)= 13.84 ft.
Casing Volume = (G) x Volume in gal./ft.= 9.04 gals.
Method of Well Evacuation Bail Start Time: 0920
Method of Sample Collection Bail Time: 0935
Chain-of-Custody Form Started (yes/no)

Source(s) of Well ID site map ID Label (yes/no)
Well Completion: Protective Casing (yes/no) Flush (yes/no)
Flush-Mount Cover Seal Intact (yes/no) Locking Cap (yes/no)
Locked at Arrival (yes/no) Departure (yes/no)
Well Casing (height above/depth below) ground: 3.5 ft.
Casing Type (PVC) (Steel) (Other)
Dedicated Pump or Bailer (yes/no) Type Teflon
Protective Post/Abutment (yes/no) Concrete Pad (yes/no)
Well Integrity Satisfactory (yes/no) If no, explain below.
Well Yield (low / moderate / high)

WELL VOLUME DATA

DIA. OF PIPE (in.)	VOLUME IN GAL./Ft.
1.0	0.041
2.0	0.163
3.0	0.367
4.0	0.653
5.0	1.020
6.0	1.470

TO CONVERT GAL/FT TO LITERS/FT, MULTIPLY ABOVE FIGURES BY 3.8 LITERS/GALLON.

FIELD ANALYSES

	1st Volume	2nd Volume	3rd Volume	4th Volume	5th Volume
Volume Purged (gallons)	TD @ 1.5V				
Time (military)	0935				
pH (S.U.)	4.7				
Sp. Cond. (umhos/cm)	67				
Water Temp. (°C)	16				
Odor (subjective)*	1				
Turbidity (subjective)**	2				

* (1)None (2)Slight (3)Moderate (4)Strongs
** (1)Clear (2)Slightly Turbid (3)Moderately Turbid (4)Very Turbid (5)Extremely Turbid

Comments/Observations/Recommendations:

FORM COMPLETED BY: [signature] (SIGNATURE)
DATE: 12-21-95

D&F Form49 (3/94)

DAVIS & FLOYD

ENGINEERS ARCHITECTS PLANNERS SCIENTISTS

CHARLESTON • GREENWOOD • COLUMBIA

FIELD DATA LOG FOR GROUNDWATER SAMPLE COLLECTION/ GROUNDWATER ELEVATION MEASUREMENTS

Well No.: GW-2

Client: Nevada Goldfields

Site Name: McCormick Job No.: 7561.00

Date: 12-21-95 LWR submitted by: _____

Sampling Personnel: SML

Site Personnel: —

Regulatory Personnel: —

Weather Conditions: Sunny Temp.: 30's

Well Diameter: 4.0 in.

(A) Top of Well Elevation: — msl (yes/no)

(B) Depth to Immiscible Layer: — ft.

(C) Immiscible Layer Elevation: (A)–(B)= _____ msl (yes/no)

(D) Depth to Groundwater: 21.30 ft.

(E) Groundwater Elevation: (A)–(D)= — msl (yes/no)

(F) Total Well Depth = 28.40 ft.

(G) Length of Water Column: (F)–(D)= 7.1 ft.

Casing Volume = (G) x Volume in gal./ft.= 4.64 gals.

Method of Well Evacuation Bail Start Time: 0900

Method of Sample Collection _____ Time: _____

Chain-of-Custody Form Started (yes/no)

Source(s) of Well ID site map ID Label (yes/no)

Well Completion: Protective Casing (yes/no) Flush (yes/no)

Flush-Mount Cover Seal Intact (yes/no) Locking Cap (yes/no)

Locked at Arrival (yes/no) Departure (yes/no)

Well Casing (height above/depth below) ground: 3.5 ft.

Casing Type (PVC) (Steel) (Other) _____

Dedicated Pump or (Bailer) (yes/no) Type Teflon

Protective Post/Abutment (yes/no) Concrete Pad (yes/no)

Well Integrity Satisfactory (yes/no) If no, explain below.

Well Yield (low / moderate / high)

WELL VOLUME DATA

DIA. OF PIPE (in.)	VOLUME IN GAL./Ft.
1.0	0.041
2.0	0.163
3.0	0.367
4.0	0.653
5.0	1.020
6.0	1.470

TO CONVERT GAL/FT TO LITERS/FT, MULTIPLY ABOVE FIGURES BY 3.8 LITERS/GALLON.

FIELD ANALYSES

	1st Volume	2nd Volume	3rd Volume	4th Volume	5th Volume
Volume Purged (gallons)	TD@ 1V				
Time (military)					
pH (S.U.)					
Sp. Cond. (umhos/cm)					
Water Temp. (°C)					
Odor (subjective)*					
Turbidity (subjective)**					

* (1)None (2)Slight (3)Moderate (4)Strongo

** (1)Clear (2)Slightly Turbid (3)Moderately Turbid (4)Very Turbid (5)Extremely Turbid

Comments/Observations/Recommendations: would not recharge

FORM COMPLETED BY: [signature] (SIGNATURE)

DATE: 12-21-95

D&F Form48 (3/94)

DAVIS & FLOYD
ENGINEERS ARCHITECTS PLANNERS SCIENTISTS
CHARLESTON • GREENWOOD • COLUMBIA

FIELD DATA LOG FOR GROUNDWATER SAMPLE COLLECTION/ GROUNDWATER ELEVATION MEASUREMENTS

Well No.: GW-3

Client: Nevada Goldfields
Site Name: McCormick Job No.: 7561.00
Date: 12-21-95 LWR submitted by: _____
Sampling Personnel: SML
Site Personnel: —
Regulatory Personnel: —
Weather Conditions: Sunny Temp.: 40's
Well Diameter: 4.0 in.
(A) Top of Well Elevation: — msl (yes/no)
(B) Depth to Immiscible Layer: — ft.
(C) Immiscible Layer Elevation: (A)-(B)= — msl (yes/no)
(D) Depth to Groundwater: 5.14 ft.
(E) Groundwater Elevation: (A)-(D)= — msl (yes/no)
(F) Total Well Depth = 22.93 ft.
(G) Length of Water Column: (F)-(D)= 17.79 ft.
Casing Volume = (G) x Volume in gal./ft.= 11.62 gals.
Method of Well Evacuation Bail Start Time: 1604
Method of Sample Collection Bail Time: 1635
Chain-of-Custody Form Started (yes/no)

Source(s) of Well ID site map ID Label (yes/no)
Well Completion: Protective Casing (yes/no) Flush (yes/no)
Flush-Mount Cover Seal Intact (yes/no) Locking Cap (yes/no)
Locked at Arrival (yes/no) Departure (yes/no)
Well Casing (height above/depth below) ground: 3.0 ft.
Casing Type (PVC) (Steel) (Other) _____
Dedicated Pump or Bailer (yes/no) Type Teflon
Protective Post/Abutment (yes/no) Concrete Pad (yes/no)
Well Integrity Satisfactory (yes/no) If no, explain below.
Well Yield (low / moderate / high)

WELL VOLUME DATA

DIA. OF PIPE (in.)	VOLUME IN GAL./Ft.
1.0	0.041
2.0	0.163
3.0	0.367
4.0	0.653
5.0	1.020
6.0	1.470

TO CONVERT GAL/FT TO LITERS/FT, MULTIPLY ABOVE FIGURES BY 3.8 LITERS/GALLON.

FIELD ANALYSES

	1st Volume	2nd Volume	3rd Volume	4th Volume	5th Volume
Volume Purged (gallons)	TD@ 1V				
Time (military)	1609				
pH (S.U.)	6.3				
Sp. Cond. (umhos/cm)	245				
Water Temp. (°C)	15				
Odor (subjective)*	1				
Turbidity (subjective)**	2				

* (1)None (2)Slight (3)Moderate (4)Strongo
** (1)Clear (2)Slightly Turbid (3)Moderately Turbid (4)Very Turbid (5)Extremely Turbid

Comments/Observations/Recommendations: _____

FORM COMPLETED BY: [signature] (SIGNATURE)
DATE: 12-21-95

D&F Form 4S (3/94)

DAVIS & FLOYD
ENGINEERS ARCHITECTS PLANNERS SCIENTISTS
CHARLESTON • GREENWOOD • COLUMBIA

FIELD DATA LOG FOR GROUNDWATER SAMPLE COLLECTION/ GROUNDWATER ELEVATION MEASUREMENTS

Well No.: H

Client: Nevada Goldfields
Site Name: McCormick Job No.: 7561.00
Date: 12-21-95 LWR submitted by: ____
Sampling Personnel: SML
Site Personnel: —
Regulatory Personnel: —
Weather Conditions: Sunny Temp.: 40's
Well Diameter: 2.0 in.
(A) Top of Well Elevation: — msl (yes/no)
(B) Depth to Immiscible Layer: — ft.
(C) Immiscible Layer Elevation: (A)-(B)= — msl (yes/no)
(D) Depth to Groundwater: 51.61 ft.
(E) Groundwater Elevation: (A)-(D)= — msl (yes/no)
(F) Total Well Depth = SML ~~57.86~~ 61.98 ft.
(G) Length of Water Column: (F)-(D)= 10.37 ft.
Casing Volume = (G) x Volume in gal./ft.= 1.69 gals.
Method of Well Evacuation Bail Start Time: 1315
Method of Sample Collection Bail Time: 1335
Chain-of-Custody Form Started (yes/no)

Source(s) of Well ID site map ID Label (yes/no)
Well Completion: Protective Casing (yes/no) Flush (yes/no)
Flush-Mount Cover Seal Intact (yes/no) Locking Cap (yes/no)
Locked at Arrival (yes/no) Departure (yes/no)
Well Casing (height above/depth below) ground: ~~0.3~~ 4.2 ft.
Casing Type (PVC) (Steel) (Other) ____
Dedicated Pump or Bailer (yes/no) Type Teflon
Protective Post/Abutment (yes/no) Concrete Pad (yes/no)? Pouring one soon
Well Integrity Satisfactory (yes/no) If no, explain below.
Well Yield (low / moderate / high)

WELL VOLUME DATA

DIA. OF PIPE (in.)	VOLUME IN GAL./FT.
1.0	0.041
2.0	0.163
3.0	0.367
4.0	0.653
5.0	1.020
6.0	1.470

TO CONVERT GAL/FT TO LITERS/FT, MULTIPLY ABOVE FIGURES BY 3.8 LITERS/GALLON.

FIELD ANALYSES

	1st Volume	2nd Volume	3rd Volume	4th Volume	5th Volume
Volume Purged (gallons)		2v	3v		
Time (military)		1327	1333		
pH (S.U.)		5.3	5.2		
Sp. Cond. (umhos/cm)		55	53		
Water Temp. (°C)		16	16		
Odor (subjective)*		1	1		
Turbidity (subjective)**		4	4		

* (1)None (2)Slight (3)Moderate (4)Stronge
** (1)Clear (2)Slightly Turbid (3)Moderately Turbid (4)Very Turbid (5)Extremely Turbid

Comments/Observations/Recommendations: Well has been repaired - extension made to casing. No lock on well yet. New well depth above

FORM COMPLETED BY: [signature] (SIGNATURE)
DATE: 12-21-95

D&F Form48 (3/94)

DAVIS & FLOYD
ENGINEERS ARCHITECTS PLANNERS SCIENTISTS
CHARLESTON • GREENWOOD • COLUMBIA

FIELD DATA LOG FOR GROUNDWATER SAMPLE COLLECTION/ GROUNDWATER ELEVATION MEASUREMENTS

Well No.: I

Client: Nevada Goldfields
Site Name: McCormick Job No.: 7561.00
Date: 12-21-95 LWR submitted by: ____
Sampling Personnel: SML
Site Personnel: —
Regulatory Personnel: —
Weather Conditions: Sunny Temp.: 30's
Well Diameter: 2.0 in.
(A) Top of Well Elevation: — msl (yes/no)
(B) Depth to Immiscible Layer: — ft.
(C) Immiscible Layer Elevation: (A)-(B)= — msl (yes/no)
(D) Depth to Groundwater: 55.85 ft.
(E) Groundwater Elevation: (A)-(D)= — msl (yes/no)
(F) Total Well Depth = 90.10 ft.
(G) Length of Water Column: (F)-(D)= 34.25 ft.
Casing Volume = (G) x Volume in gal./ft.= 5.58 gals.
Method of Well Evacuation Bail Start Time: 1043
Method of Sample Collection Bail Time: 1121
Chain-of-Custody Form Started (yes/no)

Source(s) of Well ID site map ID Label (yes/no)
Well Completion: Protective Casing (yes/no) Flush (yes/no)
Flush-Mount Cover Seal Intact (yes/no) Locking Cap (yes/no)
Locked at Arrival (yes/no) Departure (yes/no)
Well Casing (height above/depth below) ground: 3.0 ft.
Casing Type (PVC) (Steel) (Other) ____
Dedicated Pump or Bailer (yes/no) Type Teflon
Protective Post/Abutment (yes/no) Concrete Pad (yes/no)
Well Integrity Satisfactory (yes/no) If no, explain below.
Well Yield (low / moderate / high)

WELL VOLUME DATA

DIA. OF PIPE (in.)	VOLUME IN GAL./FT.
1.0	0.041
2.0	0.163
3.0	0.367
4.0	0.653
5.0	1.020
6.0	1.470

TO CONVERT GAL/FT TO LITERS/FT, MULTIPLY ABOVE FIGURES BY 3.8 LITERS/GALLON.

FIELD ANALYSES

	1st Volume	2nd Volume	3rd Volume	4th Volume	5th Volume
Volume Purged (gallons)		2V	3V		
Time (military)		1104	1117		
pH (S.U.)		5.1	5.3		
Sp. Cond. (umhos/cm)		70	70		
Water Temp. (°C)		17	17		
Odor (subjective)*		1	1		
Turbidity (subjective)**		1	1		

* (1)None (2)Slight (3)Moderate (4)Stronge
** (1)Clear (2)Slightly Turbid (3)Moderately Turbid (4)Very Turbid (5)Extremely Turbid

Comments/Observations/Recommendations: ____

FORM COMPLETED BY: [signature] (SIGNATURE)
DATE 12-21-95

D&F Form45 (3/94)

DAVIS & FLOYD
ENGINEERS ARCHITECTS PLANNERS SCIENTISTS
CHARLESTON • GREENWOOD • COLUMBIA

FIELD DATA LOG FOR GROUNDWATER SAMPLE COLLECTION/ GROUNDWATER ELEVATION MEASUREMENTS

Well No.: J

Client: Nevada Goldfields
Site Name: McCormick Job No.: 7561.00
Date: 12-21-95 LWR submitted by:
Sampling Personnel: SML
Site Personnel: —
Regulatory Personnel: —
Weather Conditions: Sunny Temp.: 40's
Well Diameter: 2.0 in.
(A) Top of Well Elevation: — msl (yes/no)
(B) Depth to Immiscible Layer: — ft.
(C) Immiscible Layer Elevation: (A)-(B)= — msl (yes/no)
(D) Depth to Groundwater: 59.56 ft.
(E) Groundwater Elevation: (A)-(D)= — msl (yes/no)
(F) Total Well Depth = 65.80 ft.
(G) Length of Water Column: (F)-(D)= 6.24 ft.
Casing Volume = (G) x Volume in gal./ft.= 1.02 gals.
Method of Well Evacuation Bail Start Time: 1148
Method of Sample Collection Bail Time: 1152
Chain-of-Custody Form Started (yes/no)

Source(s) of Well ID site map ID Label (yes/no)
Well Completion: Protective Casing (yes/no) Flush (yes/no)
Flush-Mount Cover Seal Intact (yes/no) Locking Cap (yes/no)
Locked at Arrival (yes/no) Departure (yes/no)
Well Casing (height above/depth below) ground: 3.0 ft.
Casing Type (PVC) (Steel) (Other)
Dedicated Pump or Bailer (yes/no) Type PVC
Protective Post/Abutment (yes/no) Concrete Pad (yes/no)
Well Integrity Satisfactory (yes/no) If no, explain below.
Well Yield (low / moderate / high)

WELL VOLUME DATA

DIA. OF PIPE (in.)	VOLUME IN GAL./FT.
1.0	0.041
2.0	0.163
3.0	0.367
4.0	0.653
5.0	1.020
6.0	1.470

TO CONVERT GAL/FT TO LITERS/FT, MULTIPLY ABOVE FIGURES BY 3.8 LITERS/GALLON.

FIELD ANALYSES

	1st Volume	2nd Volume	3rd Volume	4th Volume	5th Volume
Volume Purged (gallons)	TO@IV				
Time (military)	1150				
pH (S.U.)	5.8				
Sp. Cond. (umhos/cm)	83				
Water Temp. (°C)	17				
Odor (subjective)*	1				
Turbidity (subjective)**	3				

* (1)None (2)Slight (3)Moderate (4)Strongs
** (1)Clear (2)Slightly Turbid (3)Moderately Turbid (4)Very Turbid (5)Extremely Turbid

Comments/Observations/Recommendations:

FORM COMPLETED BY: [signature] (SIGNATURE)
DATE: 12-21-95

D&F Form48 (3/94)

DAVIS & FLOYD
ENGINEERS ARCHITECTS PLANNERS SCIENTISTS
CHARLESTON • GREENWOOD • COLUMBIA

FIELD DATA LOG FOR GROUNDWATER SAMPLE COLLECTION/ GROUNDWATER ELEVATION MEASUREMENTS

Well No.: K

Client: Nevada Goldfields
Site Name: McCormick Job No.: 7561.00
Date: 12-21-95 LWR submitted by:
Sampling Personnel: SML
Site Personnel: —
Regulatory Personnel: —
Weather Conditions: Sunny Temp.: 40's
Well Diameter: 2.0 in.
(A) Top of Well Elevation: — msl (yes/no)
(B) Depth to Immiscible Layer: — ft.
(C) Immiscible Layer Elevation: (A)-(B)= — msl (yes/no)
(D) Depth to Groundwater: 60.77 ft.
(E) Groundwater Elevation: (A)-(D)= — msl (yes/no)
(F) Total Well Depth = 82.75 ft.
(G) Length of Water Column: (F)-(D)= 21.98 ft.
Casing Volume = (G) x Volume in gal./ft.= 3.58 gals.
Method of Well Evacuation Bail Start Time: 1218
Method of Sample Collection Bail Time: 1235
Chain-of-Custody Form Started (yes/no)

Source(s) of Well ID site map ID Label (yes/no)
Well Completion: Protective Casing (yes/no) Flush (yes/no)
Flush-Mount Cover Seal Intact (yes/no) Locking Cap (yes/no)
Locked at Arrival (yes/no) Departure (yes/no)
Well Casing (height above/depth below) ground: 3.0 ft.
Casing Type (PVC) (Steel) (Other)
Dedicated Pump or Bailer (yes/no) Type Teflon
Protective Post/Abutment (yes/no) Concrete Pad (yes/no)
Well Integrity Satisfactory (yes/no) If no, explain below.
Well Yield (low / moderate / high)

WELL VOLUME DATA

DIA. OF PIPE (in.)	VOLUME IN GAL./Ft.
1.0	0.041
2.0	0.163
3.0	0.367
4.0	0.653
5.0	1.020
6.0	1.470

TO CONVERT GAL/FT TO LITERS/FT, MULTIPLY ABOVE FIGURES BY 3.8 LITERS/GALLON.

FIELD ANALYSES

	1st Volume	2nd Volume	3rd Volume	4th Volume	5th Volume
Volume Purged (gallons)	TD@ 1.7V				
Time (military)	1230				
pH (S.U.)	6.4				
Sp. Cond. (umhos/cm)	114				
Water Temp. (°C)	14				
Odor (subjective)*	1				
Turbidity (subjective)**	5				

* (1)None (2)Slight (3)Moderate (4)Stronge
** (1)Clear (2)Slightly Turbid (3)Moderately Turbid (4)Very Turbid (5)Extremely Turbid

Comments/Observations/Recommendations:

FORM COMPLETED BY: [signature] (SIGNATURE)
DATE 12-21-95

D&F Form48 (3/94)

DAVIS & FLOYD ENGINEERS ARCHITECTS PLANNERS SCIENTISTS

CHARLESTON • GREENWOOD • COLUMBIA

FIELD DATA LOG FOR GROUNDWATER SAMPLE COLLECTION/ GROUNDWATER ELEVATION MEASUREMENTS

DUP.

Well No.: P

Client: Nevada Goldfields

Site Name: McCormick Job No.: 7561.00

Date: 12-21-95 LWR submitted by: _____

Sampling Personnel: SML

Site Personnel: —

Regulatory Personnel: —

Weather Conditions: Sunny Temp.: 40's

Well Diameter: 2.0 in.

(A) Top of Well Elevation: — msl (yes/no)

(B) Depth to Immiscible Layer: — ft.

(C) Immiscible Layer Elevation: (A)-(B)= — msl (yes/no)

(D) Depth to Groundwater: 72.47 ft.

(E) Groundwater Elevation: (A)-(D)= — msl (yes/no)

(F) Total Well Depth = 89.78 ft.

(G) Length of Water Column: (F)-(D)= 17.31 ft.

Casing Volume = (G) x Volume in gal./ft.= 2.82 gals.

Method of Well Evacuation Bail Start Time: 1449

Method of Sample Collection Bail Time: 1507

Chain-of-Custody Form Started (yes/no)

Source(s) of Well ID site map ID Label (yes/no)

Well Completion: Protective Casing (yes/no) Flush (yes/no)

Flush-Mount Cover Seal Intact (yes/no) Locking Cap (yes/no)

Locked at Arrival (yes/no) Departure (yes/no)

Well Casing (height above/depth below) ground: 3.5 ft.

Casing Type (PVC) (Steel) (Other) _____

Dedicated Pump or Bailer (yes/no) Type Teflon

Protective Post/Abutment (yes/no) Concrete Pad (yes/no)

Well Integrity Satisfactory (yes/no) If no, explain below.

Well Yield (low / moderate / high)

WELL VOLUME DATA

DIA. OF PIPE (in.)	VOLUME IN GAL./FT.
1.0	0.041
2.0	0.163
3.0	0.367
4.0	0.653
5.0	1.020
6.0	1.470

TO CONVERT GAL/FT TO LITERS/FT, MULTIPLY ABOVE FIGURES BY 3.8 LITERS/GALLON.

FIELD ANALYSES

	1st Volume	2nd Volume	3rd Volume	4th Volume	5th Volume
Volume Purged (gallons)		2v	3v		
Time (military)		1501	1513		
pH (S.U.)		5.9	6.0/6.0		
Sp. Cond. (umhos/cm)		139	135/136		
Water Temp. (°C)		16	16/16		
Odor (subjective)*		1	1/1		
Turbidity (subjective)**		~~4~~ 5	5/5		

* (1)None (2)Slight (3)Moderate (4)Stronge

** (1)Clear (2)Slightly Turbid (3)Moderately Turbid (4)Very Turbid (5)Extremely Turbid

Comments/Observations/Recommendations: _____

FORM COMPLETED BY: [signature] (SIGNATURE)

DATE 12-21-95

D&F Form48 (3/94)

DHEC MONITOR WELLS
QUARTERLY REPORTS

GW-1

LOCATION 21891.200, 7227.100

COLLAR ELEVATION - 408.200
DEPTH OF WELL - 36.95 ft

RECEIVED
MAR 0 1 1996
WATER QUALITY ASSESSMENT
AND ENFORCEMENT DIVISION

ok
w

DATE	3/27/91	6/26/91	9/19/91	12/19/91	3/31/92	6/26/92	9/25/92	12/16/92	3/5/93	6/21/93	9/27/93	12/6/93	3/21/94	6/13/94	9/19/94	1/12/95	2/23/95	3/14/95	5/30/95	6/29/95	9/20/95	12/21/95
DEPTH TO WATER	22.38	23.22	26.99	24.34	22.56	23.96	23.58		19.11	23.88	24.57	23.69	22.82	24.99	24.41	23.03	20.32	22.73	24.93	25.22	25.04	23.41
WATER ELEVATION	385.82	384.98	381.21	383.86	385.64	384.24	384.62		389.09	384.32	383.63	384.51	385.38	383.21	383.79	385.17	387.88	385.47	383.27	382.98	383.16	384.79
Silver	<0.01	0.04	<0.010	<0.010	0.02	<0.01	0.01	<0.01	<0.01	<0.01	[illegible]	[illegible]	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Aluminum	144	411	752	19.7	6.5	57.3	27.1	32.5	25.2	79.6	19.5	6.05	84.0	8.14	4.96	11.2	3.92	2.24	3.11	2.56	2.32	8.2
Barium	1.80	8.51	4.87	0.32	0.09	0.69	0.31	0.365	0.379	0.915	0.246	0.155	0.765	0.187	0.127	0.169	0.130	0.110	0.113	0.105	0.09	0.03
Calcium	3.2	3.6	3.9	2.3	17	3	3	5.39	2.00	5.28	7.39	3.61	5.44	3.58	3.61	2.09	1.74	1.60	2.22	2.34	3.24	16.5
Cadmium	0.012	0.099	0.047	<0.005	0.040	0.007	<0.005	0.0053	0.0036	<0.0050	0.0012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium	0.07	0.58	0.26	0.01	0.02	0.04	0.02	0.021	0.014	0.065	0.016	<0.010	0.046	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper (total)	0.80	3.57	3.17	0.18	0.21	0.54	0.24	0.294	0.199	0.972	0.327	0.126	0.922	0.119	0.086	0.137	0.071	0.054	0.079	0.068	0.067	0.034
(dissolved)															0.025			0.036	0.073	0.052	0.06	0.045
Iron	290	718	1332	44.4	46.0	148	66.5	72.8	58.6	233.0	55.2	19.4	238	17.6	15.0	32.6	9.45	4.70	7.22	5.08	4.49	12.3
Potassium	17	30	56	3	4	8	3	3.99	3.03	5.65	2.15	<2.0	7.03	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Magnesium	86.7	197	416	10.9	7	32	16	15.3	14.2	37.3	9.25	4.71	36.5	5.22	4.33	6.41	2.98	2.42	3.18	2.99	2.95	19.3
Manganese	3.57	8.28	15.7	0.47	0.35	1.46	0.67	0.616	0.610	1.57	0.391	0.211	1.46	0.218	0.202	0.269	0.128	0.101	0.129	0.128	0.13	1.06
Sodium	5	4	7	3	9	4	3	13.1	3.50	3.33	2.54	3.15	6.35	3.59	3.54	5.79	3.47	2.68	3.52	3.77	3.66	11.1
Nickel	0.06	0.32		<0.02	0.04	<0.02	<0.02	0.028	0.015	0.038	0.012	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Zinc	0.58	1.07	1.85	0.05	1.72	0.22	0.15	0.382	0.087	0.373	0.114	0.064	0.29	0.062	0.069	0.067	0.044	0.047	0.057	0.054	0.11	0.11
Mercury	<0.0002	0.0009	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.00020	<0.00020	<0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Arsenic	0.015	<0.5	<0.025	<0.005	0.011	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Lead	0.220	0.45	0.355	0.017	0.042	0.051	0.036	0.034	0.024	0.060	0.035	0.0079	0.0623	0.0144	0.0067	0.0145	0.0057	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Selenium X	<0.05	<0.025	<.25	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	[illegible]	[illegible]	0.0064	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
TOC	3	3	3	2	2	6	3	3	4	2	6.4	2.1	3.3	2.2	2.4	1.3	2.2	6.3	1.2	1.2	1.3	1.6
Alkalinity	28.35	17.8	16	13	<1	<1	1.1	7.4	1.0	2.0	<1.0	1.6	2.6	<1.0	3.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloride	3	3	3	8	4	3	3	4	3	4	4	3.4	3.6	3.7	3.4	3.5	3.3	3.6	3.7	4.1	4.32	4.12
pH	6.0	5.84	5.73	5.08	4.53	5.06	4.38		4.37	5.3	5.67	4.82	5.55		4.49	4.8	4.74	4.8	4.3	4.4	4.8	4.7
Sulfate	<300	22	22	30	190	<30	23	<30	<12	<30	<60	18	<75	18	14	24	11.4	15.3	18.4	23.6	20.5	18.7
Spec. Cond.	100	90	65	74	448	72.5	79		63	81	98	77	85			69	66	61	76	80	128	67
Temperature	22	23		19	14	17.5	15		12	19	16	16.5	17.4	18.2	15.9	15.5	15.6	18	18	21	19	16
Ammonia N	0.43	0.42		0.41	<.1	0.2	0.2	0.2	<0.1	<0.1	<0.10	<0.10	0.49	<0.10	0.16	0.13	<0.10	<0.10	0.11	0.11	0.23	<0.10
Nitrite N			<0.05	<0.05										<0.050	<0.050		<0.050	<0.050	<0.050	<0.050	na	<0.050
Nitrate NX	<0.2	<.20	<0.05	0.07	<.1	<.1	0.05	<0.05	<0.05	<0.10	<0.05	<0.10	0.230	0.554	0.953	0.178	0.342	0.383	0.509	0.624	0.65	0.573
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.006	<0.006	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
TDS	129	68	18	53	262	66	80	95	49	77	72	62	72	56	189	77	53	36	78	57	218	47
TSS															316							

GW-2

LOCATION 21534.600, 6638.400

COLLAR ELEVATION - 418.190
DEPTH OF WELL - 28.20 ft

* depth measured after pump removed from well

DATE	3/27/91	6/26/91	9/19/91	12/19/91	3/31/92	6/26/92	9/25/92	12/16/92	3/5/93	6/21/93	9/27/93	12/6/93	3/21/94	6/13/94	9/19/94	1/12/95	2/23/95	3/14/95	5/30/95	6/29/95	9/20/95	12/21/95
DEPTH TO WATER	17.22	18.71	20.15	21.50	18.52	20.25	19.98		14.03	20.7	21.51	20.1	20.82	27.32	23.3	22.12	17.63	18.61	26.65	26.45	24.9	21.3
WATER ELEVATION	400.97	399.48	398.04	396.69	399.67	397.94	398.21		404.16	397.49	396.68	398.09	397.37	390.87	394.89	396.07	400.56	399.58	391.54	391.34	392.89	396.49
										*												
Silver	<0.01	<0.01	<0.010	<0.010	0.07	<0.01	0.01	<0.01	<0.01	<0.01	0.03	<0.010	<0.010	Well did	<0.010	0.012	<0.010	0.011	Well did	Well did	Well did	Well did
Aluminum	18.4	12.8	2.8	2.6	23.5	9.1	11.2	3.57	2.05	2.72	26.0	6.65	10.1	not	29.9	25.7	6.27	4.02	not	not	not	not
Barium	0.28	0.41	0.11	0.08	0.54	0.20	0.36	0.120	0.095	0.140	[illegible]	[illegible]	0.246	recover	0.701	0.777	0.111	0.102	recover	recover	recover	recover
Calcium	19.2	14.3	16.6	8.7	3	21	22	20.9	22.7	20.4	[illegible]	[illegible]	13.6	after	6.08	2.60	1.69	1.43	after	after	after	after
Cadmium	0.080	0.108	0.016	0.019	<0.005	0.031	0.049	0.0127	0.0082	0.0115	0.0999	0.0273	0.0258	pumping	0.0129	0.0505	0.0108	0.0078	pumping	pumping	pumping	pumping
Chromium	0.06	0.06	<0.01	0.01	0.03	0.04	0.05	0.014	0.007	0.025	0.151	0.028	0.034		0.091	0.120	0.015	<0.010			An attempt	
Copper (total)	0.53	0.82	0.15	0.15	0.37	0.25	0.57	0.138	0.072	0.164	0.913	0.389	0.412	No Sample	0.765	1.07	0.116	0.080			was made	
(dissolved)															0.250			0.042			to collect	
Iron	48.4	61.9	23.3	12.1	46.0	59.3	49.2	17.6	16.8	22.5	73.5	28.8	27.9	Taken	85.7	94.6	22.1	13.4			fractions.	
Potassium	6	5	4	3	4	3	4	3.62	1.98	2.32	4.31	3.63	2.66		<2.0	3.08	<2.0	<2.0			Results	
Magnesium	17.6	11.4	4.70	1.87	10	10	10	5.49	3.92	3.41	14.3	6.49	8.76		18.0	16.4	5.68	5.11			are	
Manganese	0.70	0.42	0.24	0.08	0.48	0.38	0.31	0.204	0.188	0.165	0.479	0.268	0.275		0.681	0.420	0.189	0.131			discarded.	
Sodium	15	7	7	5	4	8	8	7.86	6.82	5.49	5.51	6.48	9.35		3.12	2.77	3.19	3.47				
Nickel	0.08	0.08	<0.02	<0.02	0.04	0.02	0.05	0.020	0.011	0.028	0.151	0.035	0.040		0.184	0.147	0.034	<0.020				
Zinc	2.19	1.70	0.35	0.93	0.11	2.01	1.90	0.414	0.271	0.535	3.83	2.39	1.73		3.44	3.13	0.933	0.886				
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	0.0003	<0.0002	<0.00020		<0.00020	<0.00020	<0.00020	<0.00020				
Arsenic	0.024	<0.05	<0.005	0.020	<0.005	0.012	0.006	0.009	0.010	0.015	0.036	0.0124	0.0064		0.0256	0.0277	<0.0050	<0.0050				
Lead	0.320	0.22	0.034	0.056	0.112	0.047	0.144	0.038	0.027	0.039	0.46	0.0607	0.0759		0.1876	0.1532	0.0276	0.0547				
Selenium	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	0.016	0.0071	<0.0050		0.0080	0.0338	<0.0050	<0.0050				
TOC	4	2	3	2	2	5	3	1	3	2	4.1	1.5	2.1		3.0	1.6	1.4	3.9				
Alkalinity	7.35	7.4	17	14	7.4	<1	<1	<1	12	4.5	2.1	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0				
Chloride	4	4	4	5	3	4	4	4	4	4	[illegible]	[illegible]	3.3		2.2	2.0	2.4	2.4				
pH	5.2	4.12	6.01	4.64	5.72	3.62	3.94		5.79	5.98	[illegible]	[illegible]	4.28		3.76	3.53	3.24	3.5				
Sulfate	100	65	90	108	20	190	128	90	76	58	60	106	100		172	130	94	79				
Spec. Cond.	285	220	70	316	92	426	301		234	213	222	260	251			261	464	268				
Temperature	22	22.5		18	16	19	15		11	19	17	17.6	17.0		16.5	15.8	14.3	16				
Ammonia N	0.2	0.34		0.21	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.12	<0.10	0.19		0.12	<0.10	<0.10	<0.10				
Nitrite N			<0.05	<0.05											<0.050		<0.050	<0.050				
Nitrate N	0.56	<0.20	0.08	<0.05	<0.05	<0.1	<0.05	<0.25	<0.05	<0.25	<0.25	<0.50	<0.25		0.257	0.249	0.268	0.292				
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.006	<0.006	<0.0050	<0.0050	<0.0050		<0.0050	<0.0050	<0.0050	<0.0050				
TDS	259	167	104	188	31	349	228	165	140	146	152	187	157		405	210	161	108				
TSS															1870							

GW-3

LOCATION 19335.400, 3873.900

COLLAR ELEVATION - 383.200
DEPTH OF WELL - 22.60 ft

DATE	3/27/91	6/28/91	9/19/91	12/19/91	3/31/92	dup.	6/26/92	dup.	9/25/92	12/16/92	3/5/93	6/21/93	9/27/93	12/6/93	duplicate 12/6/93	3/21/94	duplicate 3/21/94	6/13/94	9/19/94	12/6/94	3/14/95	6/29/95	9/25/95	12/21/95
DEPTH TO WATER	8.11	9.3	11.81	12.54	7.94		9.46		7.68		5.33	8.45	9.53	9.2		9.68		10.15	7.93	5.94	6.26	7.55	4.47	5.14
WATER ELEVATION	375.09	373.9	371.39	370.66	375.26		373.74		375.52		377.87	374.75	373.67	374		373.52		373.05	375.27	377.26	376.94	375.65	378.73	378.06
Silver	<0.01	<0.010	<0.010	<0.010	0.02	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Aluminum	11.4	24.3	4.3	4.7	56.6	26.9	21.2	18.7	51.3	28.5	36.9	12.0	9.33	5.07	8.32	11.1	4.84	5.90	18.9	24.8	11.2	27.1	24.2	2.98
Barium	0.08	0.03	0.02	<0.02	0.05	0.04	0.05	0.08	0.04	0.032	0.0[illegible]	0.0[illegible]	0.020	<0.020	0.024	<0.020	0.025	0.023	0.027	0.023	0.039	0.046	0.046	0.103
Calcium	34.1	15.6	16.2	11.8	17	16	17	16	19	16.7	17[illegible]	14[illegible]	13.8	12.8	14.1	13.3	14.2	15.9	16.1	16.5	16.2	18.8	19.3	2.12
Cadmium	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0065	0.0028	<0.0050	<0.001	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0011	<0.0050	<0.0050	<0.0050	<0.0050
Chromium	0.03	0.03	<0.01	<0.01	0.07	0.03	0.03	0.04	0.06	0.038	0.044	0.016	0.012	<0.010	0.012	0.013	<0.010	0.010	0.027	0.029	0.014	0.034	0.03	<0.010
Copper (total)	0.03	0.10	0.03	0.01	0.15	0.08	0.05	0.06	0.13	0.093	0.086	0.055	0.041	0.028	0.048	0.045	0.037	0.034	0.077	0.061	0.033	0.106	0.088	0.074
(dissolved)																			<0.010		<0.020	<0.020	<0.010	<0.010
Iron	16.1	28.9	5.51	6.60	72.8	34.5	33.8	38.4	63.6	36.7	42.4	17.0	12.4	6.91	11.3	14.8	7.29	8.76	25.0	29.2	15.4	37.5	33.1	7.3
Potassium	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2.0	<0.40	<2.0	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.4	<2.0	<2.0	<2.0	<2.0
Magnesium	25.2	34.1	15.9	12.4	74	40	33	35	68	40.9	49.0	22.2	20.0	14.2	18.1	20.6	14.2	16.4	29.4	37.3	21.5	39.1	36.6	2.73
Manganese	1.01	1.44	0.60	0.43	3.14	1.73	1.36	1.45	2.87	1.73	2.01	0.908	0.795	0.481	0.677	0.745	0.488	0.690	1.32	1.36	2.24	2.31	2.16	0.117
Sodium	30	8	10	7	9	9	10	10	9	9.16	8.93	8.36	8.30	8.85	9.48	7.85	9.48	9.23	9.38	8.84	8.99	10.1	9.74	3.7
Nickel	0.02	0.08	<0.02	<0.02	0.04	0.02	<0.02	<0.02	0.05	0.027	0.024	0.027	0.010	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.02	0.021	<0.020
Zinc	0.08	0.44	0.04	0.05	0.61	0.30	0.32	0.29	0.65	0.330	0.350	0.151	0.129	0.076	0.112	0.127	0.130	0.062	0.191	0.241	0.112	0.343	0.27	0.067
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.00020	<0.00020	<0.00020	<0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Arsenic	<0.005	<0.04	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.006	<0.005	0.008	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Lead	0.007	0.008	<0.005	0.008	0.014	0.010	<0.005	<0.005	0.013	0.006	0.007	<0.005	0.046	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0061	0.0066	<0.0050
Selenium X	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050
TOC	3	1	<1	<1	<1	<1	2	2	3	<1	<1	<1	2.3	<1.0	1.0	1.6	1.5	1.6	1.5	1.0	3.5	1.2	1.6	1.2
Alkalinity	168	73.5	77	72	72.5	72.5	67	70	68	69.3	62	62	69.3	70.4	69.3	71.4	70.4	68.2	69.3	71.4	67.6	72	70.2	81.4
Chloride	43	4	4	3	4	4	4	4	4	4	[illegible]	[illegible]	4	3.8	3.4	3.8	3.7	3.8	4.7	4.2	4.8	4.8	4.14	4.39
pH	6.9	6.84	6.62	6.34	6.80		6.59		7.22		6.74	6.17	6.55	6.00		6.41			6.50	6.26	6.6		6.3	6.3
Sulfate	8	25	28	29	22	23	18	20	4	22	22	21	21.7	24.4	23.4	22	22	24	24	21	28.2	32	39.3	45
Spec. Cond.	400	195	180	204	203		192		188		188	198	192.5	183		191				188	238		245	245
Temperature	22	22.5		19	17		19		17		11	18		16.6		17.5		18.0	16.9	16.5	18		18	15
Ammonia N	0.60	0.24		<0.1	<0.1	0.1	<0.1	<0.1	<0.1	0.2	0.2	0.1	<0.10	<0.10	<0.10	<0.10	0.14	<0.10	<0.10	<0.10	<0.10	<0.10	0.11	<0.10
Nitrite N			<0.05	<0.05														<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050
Nitrate N	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.1	<0.2	<0.05	<0.05	<0.05	<0.10	<0.05	<0.10	<0.050	<0.10	<0.050	<0.050	0.137	<0.050	0.192	<0.050	<0.10	0.223
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.006	<0.006	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
TDS	333	156	92	53	103	111	143	143	411	139	137	145	138	143	144	128	123	125	233	206	145	183	158	197
TSS																			378					

Well H

LOCATION 19964.470, 5082.480

COLLAR ELEVATION - 440.900
DEPTH OF WELL - 48.68 ft

*Well recently pumped to redevelop

DATE	3/13/91	6/26/91	9/19/91	12/19/91	3/31/92	6/26/92	9/25/92	duplicate 9/25/92	12/16/92	3/5/93	6/21/93	9/27/93	12/6/93	3/21/94	6/3/94	9/19/94	1/12/95	3/14/95	6/29/95	duplicate 9/25/95	12/21/95
DEPTH TO WATER		24.01	25.51	32.16	28.16	29.58	27.78			20.19	20.62	27.98	20.23	19.34	21.26	27.98	*37.8	38.8	43.5	43.5	46.11	51.61
WATER ELEVATION		416.89	415.39	408.74	412.74	411.32	413.12			420.71	420.28	412.92	420.67	421.56	419.64	412.92	440.9	402.1	397.4	397.4	394.79	389.29
Silver	<0.01	<0.01	<0.010	<0.010	<0.010	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	0.073	0.014	0.011	<0.010	<0.010	<0.010	<0.010
Aluminum	8.1	3.1	1.4	0.7	1.9	1.4	1.9	1.9	3.26	1.39	0.61	1.[illegible]	2.93	2.09	0.443	10.5	6.63	2.64	0.939	1.07	1.34	2.82
Barium	0.07	0.05	0.07	0.03	0.03	0.03	0.02	0.02	0.024	0.019	<0.02	0.0[illegible]	0.034	0.043	0.020	2.86	0.631	0.412	0.064	0.059	0.136	0.175
Calcium	1.5	1.1	0.6	0.2	<1	<2	<1	<1	1.46	0.846	1.00	0.46	<1.0	<1.0	<1.0	2.64	<1.0	<1.0	<1.0	<1.0	1.24	1.89
Cadmium	0.004	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.00100	<0.0050	<0.001	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium	0.11	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.0020	<0.010	<0.002	<0.010	<0.010	<0.010	0.024	0.011	<0.010	<0.010	<0.010	<0.010	<0.010
Copper (total)	0.09	0.04	<0.02	0.01	0.04	<0.02	0.03	0.03	0.061	0.015	<0.020	0.026	0.063	0.035	0.015	0.585	0.234	0.147	0.084	0.091	0.084	0.109
(dissolved)																0.094		0.056	0.058	0.059	0.046	0.025
Iron	18.4	6.85	2.45	2.42	6.5	7.4	6.6	5.4	9.96	3.60	2.69	3.89	13.4	8.56	1.88	75.7	29.5	21.9	5.12	5.1	10.4	24.8
Potassium	<2	<2	<2	<2	<2	<2	<2	<2	<2.0	<0.40	<2.0	<0.4	<2.0	<2.0	<2.0	4.77	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Magnesium	1.08	0.73	0.37	0.15	<1	4	<1	<1	<1.0	0.596	<1.0	0.349	<1.0	<1.0	<1.0	1.60	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Manganese	1.21	0.83	1.21	0.58	0.42	0.49	0.24	0.22	0.166	0.094	0.075	0.174	0.350	0.136	0.084	0.307	0.175	0.225	0.147	0.13	0.167	0.398
Sodium	5	3	6	5	4	4	3	3	3.17	2.72	2.77	2.97	3.60	5.13	3.94	4.53	4.19	4.97	4.19	3.94	4.92	4.59
Nickel	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.032	<0.0040	<0.020	<0.004	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Zinc	0.10	0.03	<0.02	<0.02	0.03	0.05	0.11	0.13	0.218	0.010	0.229	0.011	0.044	<0.020	<0.020	0.119	0.077	0.023	0.027	0.058	0.065	0.04
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.00020	<0.00020	0.00101	0.00020	<0.0002	<0.0002	<0.0002	<0.0002	0.00029
Arsenic	<0.005	<0.03	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.93	<0.0050	<0.0050	0.0268	0.0092	0.0075	<0.0050	<0.0050	<0.0050	0.0053
Lead	0.019	0.015	<0.005	0.012	0.016	0.008	0.009	0.013	0.005	<0.005	<0.005	0.010	0.0124	0.0085	<0.0050	0.1850	0.0787	0.0545	0.0059	0.0092	0.0165	0.0342
Selenium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	0.0198	0.0088	0.0054	<0.0050	<0.0050	<0.0050	<0.0050
TOC	5	<1	<1	2	<1	5	1	2	1	2	3	4.3	1.4	2.3	2.5	1.9	1.6	4.8	2	<1.0	1.7	14.2
Alkalinity	7.4	6.3	7	4.2	38.8	6	1.1	1.1		2.1	3.[illegible]	4.[illegible]	2.1	1.0	2.6	9.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloride	2.7	3	4	4	4	4	4	3	3	3	3	4	3.3	4.0	4.3	5.8	5.8	6.0	6.3	6.2	6.27	7.07
pH	5.30	5.29	5.57	5.39	5.27	5.22	5.02			4.36	4.86	4.68	4.02	4.91		4.20	4.59	4.6	4.7	4.8	4.9	5.2
Sulfate X	<6	<3	<3	<3	3	<3	<3	<3	<3	<3	<3	<3.0	<6.0	4.5	<3.0	<30	<12	<12	<3.0	<3.0	4.63	5.32
Spec. Cond.	22	20	30	38	30	31	31			31	27	27	32	31			38	42	40	40	41	53
Temperature	21	22.5		20	17	18	16			11	19		15.0	18.7	20.2	16.7	16.3	18	21	21	19	16
Ammonia N	0.22	0.25		0.21	0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	0.11	<0.10	0.13	<0.10	0.34	<0.10	<0.10	<0.10	<0.10	<0.10	0.75
Nitrite N			<0.05	<0.05											<0.050	<0.050		<0.050	<0.050	<0.050	<0.10	<0.050
Nitrate N	0.07	0.07	0.06	0.07	0.08	<0.1	0.12	0.13	0.08	0.18	0.20	0.06	<0.050	<0.050	0.059	0.227	0.350	0.450	0.097	0.103	<0.10	0.257
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.006	<0.006	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
TDS	45	37	132	18	<10	14	36	53	26	<10	25	22	32	28	19	363	<10	52	70	55	12	36
TSS																1690						

Well I

LOCATION 20322.500, 5618.710

COLLAR ELEVATION - 462.324
DEPTH OF WELL - 88.30 ft

*Well being continuously pumped

DATE	3/13/91	6/26/91	9/19/91	12/19/91	3/31/92	6/26/92	9/25/92	12/16/92	3/5/93	duplicate 3/5/93	6/21/93	duplicate 6/21/93	9/27/93	12/3/93	3/21/94	6/3/94	9/19/94	duplicate 9/19/94	12/6/94	3/14/95	6/29/95	9/25/95	duplicate 9/25/95	12/21/95
DEPTH TO WATER		44.52	45.78	49.65	48.58	50.44	50.2		42.56		62.1		67.66	66.58	69.64	51.22			50	47.94	53.84	56.25	56.25	55.85
WATER ELEVATION		417.804	416.544	412.674	413.744	411.884	412.124		419.764		400.224		394.664	395.744	392.684	411.104			412.324	414.384	408.494	406.084	406.084	406.484
											*		*	*	*		*							
Silver	<0.01	<0.01	<0.010	<0.010	<0.010	<0.010	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Aluminum	29.0	8.1	29	6.5	3.9	8.7	4.1	2.31	3.28	2.57	0.216	<0.20	0.060	0.051	0.133	0.135	<0.10	<0.10	0.380	0.111	0.148	0.683	0.91	0.8
Barium	0.13	0.04	0.10	0.04	0.03	0.05	0.03	0.038	0.044	0.034	0.020	0.020	0.021	0.024	0.02	0.023	<0.020	<0.020	0.035	0.026	0.026	0.027	0.03	0.032
Calcium	1.9	1	1.3	1.1	1.2	<2	1	1.78	1.01	0.965	<1.0	<1.0	0.98	1.25	1.37	1.29	<1.0	<1.0	1.08	1.09	1.23	1.46	1.58	1.37
Cadmium	0.010	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.00100	<0.00100	<0.0050	<0.0050	<0.001	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.001	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.0020	<0.0020	<0.010	<0.010	<0.002	<0.010	<0.010	<0.010	<0.010	<0.010	<0.002	<0.010	<0.010	<0.010	<0.010	<0.010
Copper (total)	0.12	0.04	0.08	0.03	0.02	0.04	0.02	0.033	0.016	0.012	<0.020	<0.020	0.005	0.004	<0.010	0.107	<0.010	0.013	0.008	<0.020	0.012	0.012	0.013	0.01
(dissolved)																	<0.010	<0.010		0.005	<0.020	<0.010	<0.010	<0.010
Iron	24.9	6.18	14	6.10	2.3	7.7	2.8	1.53	2.22	1.48	0.322	0.688	0.023	0.515	<0.10	<0.10	<0.10	<0.10	0.315	0.109	0.104	0.666	0.991	0.75
Potassium	<2	<2	<2	<2	<2	<2	<2	<2.0	<0.40	<0.40	<2.0	<2.0	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0
Magnesium	4.42	2.92	5	2.82	2	3	3	2.46	2.43	2.30	1.98	1.92	1.95	2.29	2.19	2.46	2.22	2.23	2.37	2.46	2.37	2.47	2.57	2.56
Manganese	1.34	0.36	0.94	0.38	0.15	0.48	0.19	0.113	0.157	0.106	0.021	0.021	0.012	0.014	0.013	0.020	0.024	0.024	0.043	0.031	0.033	0.073	0.08	0.07
Sodium	4	3	4	3	4	4	4	6.29	5.52	5.38	4.25	4.16	6.12	6.82	5.53	5.63	4.59	4.59	4.15	6.20	6.32	6.05	6.2	6.59
Nickel	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.020	<0.0040	<0.0040	<0.020	<0.020	<0.004	<0.020	<0.020	0.073	<0.020	<0.020	<0.004	<0.020	<0.020	<0.020	<0.020	<0.020
Zinc	0.22	0.08	0.17	0.04	0.05	0.07	0.09	0.312	0.026	0.018	0.123	0.135	0.006	<0.020	<0.020	0.090	<0.020	<0.020	0.016	<0.020	0.051	0.031	0.035	0.027
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0004	0.0003	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.00020	<0.00020	<0.0020	<0.0020	<0.00020	<0.00020	<0.00020	0.00034	0.00034	0.00002
Arsenic	0.006	<0.03	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Lead	0.017	0.007	0.015	0.008	0.007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Selenium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
TOC	3	<1	1	1	<1	2	1	1	1	1	1	1	3.8	<1.0	2.7	1.9	1.1	1.3	2.0	3.7	3.8	1.2	1.1	<1.0
Alkalinity	3.2	5.3	6	12.6	5.3	7	2.1	1.1	1.0	1.0	1.5	1.0	<1.0	2.6	2.6	2.1	3.2	3.7	3.2	3.9	3.2	2	2	4.4
Chloride	3.7	4	4	5	4	5	6	10	9	9	6	6	10	8.4	7.6	7.2	5.6	5.6	6.0	8.9	9.4	8.07	8.05	8.94
pH	5.37	5.06	5.10	5.31	5.21	5.06	4.99		4.49		4.87		4.46	4.92	4.42		4.97	4.62	5.03	5.3	5.2	5.3	5.3	5.3
Sulfate X	<12	6	3	4	5	4	4	4	5	10	5	6	10.5	9.8	9.0	9.5	7.4	9.1	7.3	9.9	9.5	8.79	8.82	8.42
Spec. Cond.	38	30	30	45	44	46	52		65		53		78	68	70				56	71	70	67	67	70
Temperature	21	22.5		19	17	17	16		13		21		17	17.9	18.9	21.4	18.5	18.5	16.9	18	22	19	19	17
Ammonia N	0.18	0.11		<0.1	<0.1	<0.1	0.2	0.1	0.1	0.1	<0.1	0.1	0.11	<0.10	<0.10	<0.10	0.13	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Nitrite N			<0.05	<0.05												<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050
Nitrate N	0.13	0.16	0.14	0.19	0.18	<0.1	0.48	0.68	0.70	0.71	0.48	0.45	0.63	0.627	0.627	0.903	0.787	0.634	0.547	1.06	0.914	0.94	0.8	1.08
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	0.031	0.032	0.021	0.017	0.0498	0.0313	0.0208	0.0151	0.0150	0.0146	0.0129	0.0159	0.013	0.0165	0.0149	0.014
TDS	37	16	16	18	<10	27	51	46	44	304	53	47	47	51	56	60	101	92	56	53	57	25	18	46
TSS																	2	1						

→ mcl 0.22

Well J

LOCATION 20329.940, 5321.770

COLLAR ELEVATION - 455.939
DEPTH OF WELL - 63.90 ft

DATE	3/13/91	6/28/91	9/19/91	12/19/91	3/31/92	6/26/92	9/25/92	12/16/92	3/5/93	6/21/93	9/27/93	12/6/93	3/21/94	6/13/94	9/19/94	12/6/94	duplicate 12/6/94	3/14/95	6/29/95	9/25/95	12/21/95
DEPTH TO WATER		47.80	48.64	52.31	49.4	51.38	52.09		47.22	48.14	55.56	54.45	48.6	48.65	53.81	52.55		51.95	57.75	59.79	59.56
WATER ELEVATION		408.139	407.299	403.629	406.539	404.559	403.849		408.719	407.799	400.379	401.489	407.339	407.289	402.129	403.389		403.989	398.189	398.189	398.419
Silver	<0.01	<0.010	<0.010	<0.010	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Aluminum	3.6	1.1	1.9	0.9	2.3	3.2	2.2	1.42	1.01	0.631	0.572	0.823	0.595	0.486	0.317	1.65	0.699	0.345	0.308	2.82	5.49
Barium	<0.02	<0.02	<0.02	<0.02	<0.02	0.04	0.02	<0.020	0.019	<0.020	0.012	0.032	0.029	0.025	0.041	0.027	0.020	<0.020	<0.020	0.029	0.053
Calcium	1.1	1.5	1.3	1.2	1	2	1	1.31	1.12	1.23	11.1	1.38	1.54	1.65	3.83	4.36	4.29	3.83	3.61	2.64	2.04
Cadmium	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	0.00100	<0.0050	<0.001	<0.0050	<0.0050	<0.0050	<0.0050	<0.001	<0.001	<0.0050	<0.0050	<0.0050	<0.0050
Chromium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.0020	<0.010	<0.002	<0.010	<0.010	<0.010	<0.010	0.007	<0.002	<0.010	<0.010	<0.010	0.011
Copper (total)	0.03	0.05	0.03	0.03	0.04	0.04	0.04	0.027	0.010	<0.020	0.013	0.023	0.047	0.012	0.029	0.023	0.011	<0.020	0.014	0.071	0.146
(dissolved)															<0.010			<0.020	<0.020	<0.010	<0.010
Iron	5.26	2.52	2.54	2.68	6.6	7.2	7.0	1.78	2.05	2.11	1.97	2.77	1.60	1.51	3.78	4.56	1.92	0.852	0.564	12.3	27.3
Potassium	<2	<2	<2	<2	<2	<2	<2	<2.0	<0.40	<2.0	<0.4	<2.0	<2.0	<2.0	<2.0	<0.4	<0.4	<2.0	<2.0	<2.0	<2.0
Magnesium	2.70	2.79	3.00	2.62	3	3	3	2.92	2.67	2.63	2.82	2.90	2.66	3.32	7.88	8.64	8.46	6.25	6.68	5.17	4.78
Manganese	0.11	0.03	0.02	0.04	0.08	0.11	0.08	0.010	0.022	0.015	0.027	0.047	0.018	0.020	0.034	0.053	0.020	0.013	<0.010	0.183	0.417
Sodium	3	4	3	4	3	4	3	3.39	3.05	3.19	2.93	4.15	5.42	5.96	10.2	11.8	11.5	11.1	10.7	7.57	6.65
Nickel	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	<0.02	<0.020	<0.0040	<0.020	<0.004	<0.020	<0.020	<0.020	<0.020	<0.004	<0.004	<0.020	<0.020	<0.020	<0.020
Zinc	0.05	0.12	0.04	0.05	0.03	0.05	0.10	0.043	0.054	0.071	0.037	0.027	0.104	<0.020	0.096	0.030	0.034	0.031	0.025	0.041	0.05
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.00020	<0.00020	<0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Arsenic	<0.005	<0.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Lead	<0.005	0.011	0.013	0.087	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.006	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0053	0.0052
Selenium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
TOC	1	1	<1	<1	<1	3	<1	2	<1	1	4.4	2.4	1.9	2.7	2.4	3.0	4.1	3.7	5	1.2	<1
Alkalinity	4.2	9.5	11	12.6	10.5	11	10	8.4	7.4	9.0	<1.0	7.4	7.4	7.4	10.0	9.4	9.4	10.4	9	3.4	4.4
Chloride	3.4	4	4	4	4	4	4	4	4	4	4	4.3	4.6	5.1	5.9	5.9	5.9	6.8	6.9	5.1	5.24
pH	5.62	5.56	5.46	5.75	5.65	5.46	5.36		4.94	5.28	4.84	4.85	4.76		5.15	5.59	5.59	5.7	5.6	5.7	5.8
Sulfate X	4	7	5	<6	<3	5	6	5	5	5	5.8	4.2	6.1	9.1	38.8	40	40.0	45	41.2	27.3	22.6
Spec. Cond.	40	40	35	50	58	46	54		46	50	52	50	57			155	155	143	160	98	83
Temperature	22	22		19	18	18	16		16	20	17	16.6	17.5	18.5	16.4	14.5	14.5	18	24	19	17
Ammonia N	<0.1	0.56		0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Nitrite N			<0.05	<0.05										<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050
Nitrate N	0.08	0.07	0.08	0.13	0.09	<0.1	0.10	0.11	0.16	0.21	0.51	0.693	0.504	0.785	1.95	1.83	1.81	1.46	1.431	0.76	0.918
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.006	<0.006	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
TDS	37	39	14	24	<10	46	50	42	31	47	32	48	49	59	241	97	132	79	121	58	62
TSS															121						

Well K

LOCATION 20363.710, 5015.310

COLLAR ELEVATION - 458.346
DEPTH OF WELL - 81.53 ft

DATE	6/5/91	6/26/91	9/19/91	12/19/91	3/31/92	6/26/92	9/25/92	12/16/92	3/5/93	6/21/93	9/27/93	12/6/93	3/21/94	6/13/94	6/13/94 duplicate	9/19/94	12/6/94	3/14/95	6/29/95	9/25/95	12/21/95
DEPTH TO WATER	47.58	47.93	48.79	53.19	51.00	52.30	52.72		47.23	47.58	55.51	54.67	48.77	48.39		53.24	53.04	52.72	58.32	60.54	60.77
WATER ELEVATION	410.766	410.416	409.556	405.156	407.346	406.046	405.626		411.116	410.766	402.836	403.676	409.576	409.956		405.106	405.306	405.626	400.026	397.806	397.576
Silver	<0.01	0.01	<0.010	<0.010	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Aluminum	0.6	30.2	166	31.0	48.2	70	63.1	121.0	14.6	18.0	92.0	133	101	62.8	28.8	97.5	45.4	21.7	7.6	71.7	132
Barium	0.07	0.07	0.39	0.16	0.12	0.14	0.14	0.270	0.039	0.048	244	0.401	0.266	0.193	0.085	0.227	0.086	0.052	0.022	0.202	0.293
Calcium	9.0	4	14.8	8.5	7	9	9	12.4	5.38	5.52	11.2	14.7	10.5	9.77	7.09	9.58	7.82	6.46	5.44	17.6	16.9
Cadmium	<0.002	0.004	0.016	<0.005	<0.005	0.007	0.008	0.0203	0.0017	<0.0050	0.0041	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	0.0030	<0.0050	<0.0050	0.0051	<0.0050
Chromium	<0.01	0.06	0.26	0.04	0.08	0.09	0.10	0.187	0.024	0.029	0.131	0.199	0.141	0.094	0.046	0.124	0.053	0.033	0.012	0.11	0.179
Hex Chromium	<0.01																				
Copper (total)	<0.02	0.08	0.29	0.06	0.09	0.12	0.11	0.220	0.026	0.044	0.202	0.372	0.265	0.164	0.081	0.230	0.083	0.048	0.017	0.168	0.291
(dissolved)																<0.010		<0.020	<0.020	<0.010	<0.010
Iron	0.32	55	272	43.8	87.4	100	104	198.0	22.6	32.6	140	242	187	124	58.3	178	60.9	38.7	13.2	128	217
Potassium	<2.0	<2	<2	<2	<2	<2	<2	<2.0	<0.40	<2.0	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<0.4	<2.0	<2.0	<2.0	<2.0
Magnesium	13.0	28.2	145	29.6	41	48	49	89.5	14.4	18.9	73.9	124	85.1	60.4	30.3	74.6	33.1	20.5	10.5	59.9	94.9
Manganese	0.14	1.02	5.00	1.09	1.48	1.73	1.79	3.51	0.410	0.594	2.49	4.42	3.02	2.16	0.972	2.74	1.05	0.633	0.233	2.05	3.51
Sodium	6	3	7	7	5	6	7	6.12	5.34	5.54	6.30	6.98	5.56	6.35	6.13	6.85	6.14	6.05	6.89	6.99	7.12
Nickel	<0.02	0.05	0.19	0.03	0.05	0.07	0.07	0.138	0.022	0.024	0.090	0.152	0.106	0.073	0.041	0.108	0.039	0.022	<0.020	0.084	0.13
Zinc	0.11	0.51	2.68	0.60	0.80	1.13	0.13	1.82	0.297	0.375	1.36	2.30	1.66	1.09	0.687	1.47	0.577	0.326	0.149	1.13	1.87
Mercury	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.00020	<0.00020	<0.00020	<0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Arsenic	<0.005	<0.05	<0.025	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.02	<0.0050
Lead	<0.005	0.027	0.032	0.010	0.016	0.012	0.019	0.016	<0.005	<0.005	0.023	0.0254	0.0226	0.0138	0.0056	0.0228	0.0076	0.0058	<0.0050	0.0295	0.0291
Selenium	<0.005	<0.025	<.12	<0.10	<0.005	<0.05	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050
TOC	1	<1	<1	1	<1	3	2	2	2	2	3.2	1.2	2.4	1.9	4.1	1.6	3.2	3.0	1.2	<1.0	<1.0
Alkalinity	39.9	5	44	32	38.8	39	40	43.1	33	30	36.2	49.4	39.9	37.8	33.6	38.8	36.8	35.1	37.4	<1.0	59.4
Res. Chlorine	<0.1																				
Chloride	4	4	5	9	4	4	4	4	4	4	4	4.2	4.0	4.1	4.2	4.6	4.1	4.8	4.5	3.93	4.08
pH	7.0	6.33	6.57	6.51	6.3	6.39	6.45		5.65	5.91	6.11	5.85	5.96			6.19	6.40	6.5	6.5	6.8	6.4
Sulfate	<12	<3	6	30	3	<12	7	<12	<6	<6	<60	<60	<60	<30	<12	34	<6.0	<6.0	3	5.51	5.31
Spec. Cond.	100	90	85	97	96	90	93		88	88	95	93	97				89	97	101	111	116
Temperature	20	22		19	17	19	16		14	19	17	17	18.2	19.7	19.7	17.0	15.5	19	20	19	14
Ammonia N	0.51	0.21		0.14	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<.10	<.10	<.10	<.10	<.10	<.10	<.10	<0.10	<0.10	<0.10	<0.10
Nitrite N			<0.05	<0.05										<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050
Nitrate N	<0.05	<0.05	0.09	0.14	0.07	<0.1	0.17	0.09	0.15	<0.05	0.08	<0.050	<0.050	0.099	0.117	0.124	0.109	0.298	0.12	<0.10	0.323
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.006	<0.006	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Oil & Grease	18																				
TDS	85	69	24	62	31	58	85	69	68	65	68	78	57	59	67	145	90	64	84	55	92
TSS	3435															2840					

Well P

LOCATION 20375.590, 4429.700

COLLAR ELEVATION - 458.664
DEPTH OF WELL - 89.18

DATE	4/28/93	5/19/93	6/21/93	9/27/93	12/6/93	3/21/94	6/13/94	9/19/94	12/6/94	3/14/95	6/29/95	9/25/95	12/21/95	12/21/95 dup.
DEPTH TO WATER	66.26	66.46	67.36	70.59	72.3	71.33	71.43	71.22	70.93	67.81	70	72.1	72.47	
WATER ELEVATION	392.404	392.204	391.304	388.074	386.364	387.334	387.234	387.444	387.734	390.854	388.664	386.564	386.194	
Silver	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	0.012	<0.010	<0.010	<0.010	0.023	<0.010	0.013
Aluminum	59.6	13.6	8.81	20.5	19.6	6.15	7.63	6.76	3.75	9.76	[illegible]	19.1	13.9	22.9
Barium	0.121	0.031	0.027	0.047	0.053	0.020	0.028	0.027	0.010	0.024	[illegible]	0.039	0.034	0.047
Calcium	8.79		5.33	5.44	5.85	5.55	5.99	5.49	5.28	5.64	5.27	6.81	6.44	6.66
Cadmium	<0.0050	<0.00100	<0.0050	0.0020	<0.0050	<0.0050	<0.0050	<0.0050	0.0010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium	0.209	0.050	0.042	0.080	0.084	0.023	0.028	0.031	0.014	0.042	<0.010	0.08	0.059	0.088
Copper (total)	0.209	0.045	0.044	0.083		0.031	0.032	0.032	0.013	0.039	<0.010	0.074	0.057	0.087
(dissolved)								<0.010		<0.020	<0.020	<0.010	<0.010	<0.010
Iron	94.1	20.4	18.0	37.9	40.0	12.4	12.3	13.2	5.54	17.7	1.11	35.9	27.7	43.1
Potassium	<2.0		<2.0	<0.4	<2.0	<2.0	<2.0	<2.0	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0
Magnesium	41.70		14.1	22.1	22.9	12.2	15.4	13.0	10.6	15.5	8.97	22.8	19.7	26.3
Manganese	5.20		1.09	2.03	2.07	0.638	0.966	0.764	0.320	1.05	0.074	1.83	1.46	2.14
Sodium	17.8		12.1	11.2	12.3	11.4	12.1	10.6	9.96	10.1	9.16	9.71	9.34	9.61
Nickel	0.067	0.021	0.026	0.034	0.026	<0.020	<0.020	0.023	0.005	<0.020	<0.020	0.03	0.022	0.034
Zinc	1.62	0.510	0.412	0.644	0.650	0.251	0.294	0.252	0.139	0.363	0.077	0.659	0.479	0.751
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.00020	<0.00020	<0.0020	<0.00020	0.00091	<0.00020	<0.00020	<0.00020	<0.00020
Arsenic	<0.010	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Lead	0.045	0.012	0.010	0.023	0.019	0.0067	0.0095	0.0064	<0.0050	0.0108	<0.0050	0.0142	0.0143	0.0158
Selenium	<0.010	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050
TOC	1	72	1	4.8	1.7	2.5	2.5	1.5	1.3	3.0	<1.0	1.5	<1.0	<1.0
Alkalinity	59		58	53.0	64.1	62.0	57.8	59.8	56.7	56.6	[illegible]	58.7	66	72.6
Chloride	8	7	8	7	7.9	6.9	6.0	6.5	6.6	6.4	5.9	5.26	5.03	5.2
Fluoride	1.16													
pH	6.20	5.66	6.04	6.15	5.83	6.13		6.05	6.35	6.3	5.9	6.5	6	6
Sulfate X	<3	7	7	6.5	<15	<30	6.0	<12	4.4	5.5	6.2	4.9	5.21	5.04
Spec. Cond.	147	160	148	143	137	136			129	136	132	134	135	136
Temperature	17	17	18	16	16.2	18.2	18.7	15.7	16.5	18	19	18	16	16
Ammonia N	0.3		<0.1	<0.10	<0.10	0.14	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Nitrite N	<0.05						<0.050	<0.050	<0.050	<0.050	<0.050	<0.10	<0.050	<0.050
Nitrate N	0.16	0.14	0.14	0.08	<0.10	<0.10	0.065	0.192	0.066	0.268	0.056	<0.10	0.262	0.228
Cyanide (total)	<0.006	<0.006	<0.006	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
TDS	122	132	103	103	121	90	100	169	132	95	123	111	112	111
TSS								299						

Davis & Floyd, Inc.

Laboratory Analysis Report

Work Order # 95-12-209

Received: 12/22/95 01/04/96 14:48:28

REPORT NEVADA GOLDFIELDS, INC.
TO P.O. BOX 1530
McCORMICK, SC 29835

ATTEN SCOTT WILKENSON

PREPARED DAVIS & FLOYD, INC.
BY P.O. DRAWER 428
GREENWOOD, SC 29648

PHONE (803)-229-5211

CERTIFIED BY

JOHN_MCCORD

WORK ID JOB NO. 7561.00
P.O. # N/A
TAKEN DAVIS & FLOYD, INC
TYPE GROUNDWATER
NUMBER OF SAMPLES 1

Comments:
WE ARE PLEASED TO PROVIDE THIS CERTIFIED REPORT OF ANALYSES. FEEL FREE TO TELEPHONE IF FURTHER EXPLANATION IS REQUIRED. UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE, SAMPLES WILL BE DISPOSED OF OR RETURNED 14 DAYS FROM THE DATE OF THIS REPORT.

SAMPLE IDENTIFICATION	DATE COLLECTED
01 GW-1	12/21/95 09:35:00

Davis & Floyd, Inc.

Laboratory Analysis Report

Work Order # 95-12-209

Received: 12/22/95

01/04/96 14:48:28

Test Description	Units	01 GW-1
GROUNDWATER ELEVATION	Feet Above MSL	NA
pH (FIELD ANALYSIS)	pH units	4.7
SPECIFIC CONDUCTANCE (FLD)	micromhos/cm	67
TEMPERATURE	Degrees C	16
SILVER (TOTAL)	mg/l	< 0.010
ALUMINUM (TOTAL)	mg/l	8.20
BARIUM (TOTAL)	mg/l	0.030
CALCIUM (TOTAL)	mg/l	16.5
CADMIUM (TOTAL)	mg/l	< 0.0050
CHROMIUM (TOTAL)	mg/l	< 0.010
COPPER (TOTAL)	mg/l	0.034
COPPER (DISSOLVED)	mg/l	0.045
IRON (TOTAL)	mg/l	12.3
POTASSIUM (TOTAL)	mg/l	< 2.0
MAGNESIUM (TOTAL)	mg/l	19.3
MANGANESE (TOTAL)	mg/l	1.06
SODIUM (TOTAL)	mg/l	11.1
NICKEL (TOTAL)	mg/l	< 0.020
ZINC (TOTAL)	mg/l	0.110
MERCURY (TOTAL)	mg/l	< 0.00020
ARSENIC (TOTAL)	mg/l	< 0.0050
LEAD (TOTAL)	mg/l	< 0.0050
SELENIUM (TOTAL)	mg/l	< 0.0050
ORGANIC CARBON TOTAL	mg/l	1.6
ALKALINITY BICARBONATE	mg/l	< 1.0

Davis & Floyd, Inc.

Laboratory Analysis Report

Received: 12/22/95

01/04/96 14:48:28

Work Order # 95-12-209

Continued From Above

Test Description	Units	01 GW-1
CHLORIDE (by IC)	mg/l	4.12
SULFATE (by IC)	mg/l	18.7
AMMONIA NITROGEN	mg/l	< 0.10
NITRITE NITROGEN	mg/l	< 0.050
NITRATE NITROGEN	mg/l	0.573
CYANIDE (TOTAL)	mg/l	< 0.0050
DISSOLVED SOLIDS TOTAL	mg/l	47

9512209

DAVIS & FLOYD

Chain of Custody Form

816 East Durst Street, Greenwood, S.C. 29649 Phone (803)229-5211 Fax (803)229-7119

PROJ. NO.: 7561.00

PROJECT NAME: Nevada Goldfields Monthly

SAMPLERS NAME/AFFILIATION:(PRINTED): Steve Lohr

SAMPLE NO.	DATE	GRAB	TIME	COMP.	TIME ON	TIME OFF	SAMPLE DESCRIPTION	NO. OF BOTTLES	1 125ml P.	2 1/2 gal P.	3 125ml Cadsulfur	4 1/2 gal P.	5 250ml P.	6 1000ml P.	7 250ml P.	8	9	10	11	12	13	14	15	SAMPLE TYPE	POTENTIAL HAZARD
	12-21-95	X	0935				GW-1	7	1	1	1	1	1	1	1									G	

CONTAINERS (PARAMETERS ON BACK)

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)
Steve Lohr	12-22-95 0800				

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED FOR LAB BY: (SIGNATURE)	DATE / TIME	CLIENT CONTACT:
		Tracey M. Willis	12/22/95 8:00	RESULTS SENT TO: DATE:

DW-DRINKING WATER WW-WASTE WATER HW-HAZARDOUS WATER SD-SOLID

Davis & Floyd, Inc.

Laboratory Analysis Report

Work Order # 95-12-211

Received: 12/22/95

01/04/96 14:48:42

REPORT TO NEVADA GOLDFIELDS, INC.
P.O. BOX 1530
McCORMICK, SC 29835

ATTEN SCOTT WILKENSON

PREPARED BY DAVIS & FLOYD, INC.
P.O. DRAWER 428
GREENWOOD, SC 29648

PHONE (803)-229-5211

CERTIFIED BY

JOHN_MCCORD

WORK ID JOB NO. 7561.00
P.O. # N/A
TAKEN DAVIS & FLOYD, INC
TYPE GROUNDWATER
NUMBER OF SAMPLES 7

Comments:
WE ARE PLEASED TO PROVIDE THIS CERTIFIED REPORT OF ANALYSES. FEEL FREE TO TELEPHONE IF FURTHER EXPLANATION IS REQUIRED. UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE, SAMPLES WILL BE DISPOSED OF OR RETURNED 14 DAYS FROM THE DATE OF THIS REPORT.

SAMPLE IDENTIFICATION	DATE COLLECTED
01 GW-3	12/21/95 16:35:00
02 H	12/21/95 13:35:00
03 I	12/21/95 11:21:00
04 J	12/21/95 11:52:00
05 K	12/21/95 12:35:00
06 P	12/21/95 15:17:00
07 P DUP	12/21/95 15:17:00

9512211

DAVIS & FLOYD

Chain of Custody Form

816 East Durst Street, Greenwood, S.C. 29649 Phone (803)229-5211 Fax (803)229-7119

PROJ. NO.: 7561.00

PROJECT NAME: Nevada Goldfields Quarterly ~~Monthly~~

SAMPLERS NAME/AFFILIATION:(PRINTED): Steve Lohr

SAMPLE NO.	DATE	GRAB	TIME	COMP.	TIME ON	TIME OFF	SAMPLE DESCRIPTION	NO. OF BOTTLES	1 125ml P.	2 1/2 gal P.	3 125ml Cu/Septum	4 1/2 gal P.	5 250ml P.	6 1000ml P.	7 250ml P.	8	9	10	11	12	13	14	15	SAMPLE TYPE	POTENTIAL HAZARD
	12-21-95	X	1121				I	7	1	1	1	1	1	1	1									GW	
	"	X	1152				J	7	1	1	1	1	1	1	1										
		X	1235				K	7	1	1	1	1	1	1	1										
		X	1335				H	7	1	1	1	1	1	1	1										
		X	1517				P	7	1	1	1	1	1	1	1										
		X	1517				P DUP.	7	1	1	1	1	1	1	1										
		X	1635				GW-3	7	1	1	1	1	1	1	1										

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)
Steve Lohr	12-21-95 0800				

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED FOR LAB BY: (SIGNATURE)	DATE / TIME	CLIENT CONTACT:
		Tracey M. Willis	12/22/95 8:00	RESULTS SENT TO: DATE:

DW-DRINKING WATER WW-WASTE WATER HW-HAZARDOUS WATER SD-SOLID