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 803/465-3208

RECEIVED
MAY 6 1992
WATER QUALITY ASSESSMENT AND ENFORCEMENT DIVISION

May 1, 1992

Enforcement Division
S.C. Department of Health & Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Dear Sirs:

Enclosed please find a copy of the monitor well results for the first quarter of 1991. These results are submitted as required by DHEC Construction Permit #16,225, Condition 3.

You may notice that the results were switched for GW1 and GW2. The sampler had confused the two wells since the start of the project. This was caught at a audit of the data this quarter. A note has been added to our files explaining the error. The correct values are those on the computer printout enclosed. The wells will be labeled to prevent this from happening again.

If you have any questions or comments, please feel free to call me at (803) 443-2222.

Sincerely;

Jean V Whisnant

Jean V. Whisnant
Nevada Goldfiels, Inc.

enc.

DHEC MONITOR WELLS
QUARTERLY REPORTS

GW-1

LOCATION 21891.200, 7227.100

COLLAR ELEVATION - 408.200
DEPTH OF WELL - 36.95 ft

DATE	3/27/91	6/26/91	9/19/91	12/19/91	3/31/92
DEPTH TO WATER	22.38	23.22	26.99	24.34	22.56
WATER ELEVATION	385.82	384.98	381.21	383.86	385.64
Silver	<0.01	0.04	<0.010	<0.010	0.02
Aluminum	144	411	752	19.7	6.5
Barium	1.80	8.51	4.87	0.32	0.09
Calcium	3.2	3.6	3.9	2.3	17
Cadmium	0.012	0.039	0.047	<0.005	0.040
Chromium	0.07	0.58	0.26	0.01	0.02
Copper	0.80	3.57	3.17	0.18	0.21
Iron	290	718	1332	44.4	46.0
Potassium	17	30	56	3	4
Magnesium	86.7	197	416	10.9	7
Manganese	3.57	8.28	15.7	0.47	0.35
Sodium	5	4	7	3	9
Nickel	0.06	0.32		<0.02	0.04
Zinc	0.58	1.07	1.85	0.05	1.72
Mercury	<0.0002	0.0009	0.0003	<0.0002	<0.0002
Arsenic	0.015	<0.5	<0.025	<0.005	0.011
Lead	0.220	0.45	0.355	0.017	0.042
Selenium X	<0.05	<0.025	<.25	<0.005	<0.005
TOC	3	3	3	2	2
Alkalinity	28.35	17.8	16	13	<1
Chloride	3	3	3	8	4
pH	6.0	5.84	5.73	5.08	4.53
Sulfate	<300	22	22	30	190
Spec. Cond.	100	90	65	74	448
Temperature	22	23		19	14
Ammonia N	0.43	0.42		0.41	<.1
Nitrite N			<0.05	<0.05	
Nitrate NX	<0.2	<.20	<0.05	0.07	<.1
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005
TDS	129	68	18	53	262

GW-2

LOCATION 21534.600, 6638.400

COLLAR ELEVATION - 418.190
DEPTH OF WELL - 28.20 ft

DATE	3/27/91	6/26/91	9/19/91	12/19/91	3/31/92
DEPTH TO WATER	17.22	18.71	20.15	21.50	18.52
WATER ELEVATION	400.97	399.48	398.04	396.69	399.67
Silver	<0.01	<0.01	<0.010	<0.010	0.07
Aluminum	18.4	12.8	2.8	2.6	23.5
Barium	0.28	0.41	0.11	0.08	0.54
Calcium	19.2	14.3	16.6	8.7	3
Cadmium	0.080	0.108	0.016	0.019	<0.005
Chromium	0.06	0.06	<0.01	0.01	0.03
Copper	0.53	0.82	0.15	0.15	0.37
Iron	48.4	61.9	23.3	12.1	46.0
Potassium	6	5	4	3	4
Magnesium	17.6	11.4	4.70	1.87	10
Manganese	0.70	0.42	0.24	0.08	0.48
Sodium	15	7	7	5	4
Nickel	0.08	0.08	<0.02	<0.02	0.04
Zinc	2.19	1.70	0.35	0.93	0.11
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Arsenic	0.024	<0.05	<0.005	0.020	<0.005
Lead	0.320	0.22	0.034	0.056	0.112
Selenium	<0.005	<0.005	<0.005	<0.005	<0.020
TOC	4	2	3	2	2
Alkalinity	7.35	7.4	17	14	7.4
Chloride	4	4	4	5	3
pH	5.2	4.12	6.01	4.64	5.72
Sulfate	100	65	90	108	20
Spec. Cond.	285	220	70	316	92
Temperature	22	22.5		18	16
Ammonia N	0.2	0.34		0.21	<0.1
Nitrite N			<0.05	<0.05	
Nitrate N	0.56	<0.20	0.08	<0.05	<0.05
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005
TDS	259	167	104	188	31

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	duplicate
DEPTH TO WATER	8.11	9.3	11.81	12.54	7.94	
WATER ELEVATION	375.09	373.9	371.39	370.66	375.26	
Silver	<0.01	<0.010	<0.010	<0.010	0.02	0.03
Aluminum	11.4	24.3	4.3	4.7	56.6	26.9
Barium	0.08	0.03	0.02	<0.02	0.05	0.04
Calcium	34.1	15.6	16.2	11.8	17	16
Cadmium	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium	0.03	0.03	<0.01	<0.01	0.07	0.03
Copper	0.03	0.10	0.03	0.01	0.15	0.08
Iron	16.1	28.9	5.51	6.60	72.8	34.5
Potassium	<2	<2	<2	<2	<2	<2
Magnesium	25.2	34.1	15.9	12.4	74	40
Manganese	1.01	1.44	0.60	0.43	3.14	1.73
Sodium	30	8	10	7	9	9
Nickel	0.02	0.08	<0.02	<0.02	0.04	0.02
Zinc	0.08	0.44	0.04	0.05	0.61	0.30
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Arsenic	<0.005	<0.04	<0.005	<0.005	<0.005	<0.005
Lead	0.007	0.008	<0.005	0.008	0.014	0.010
Selenium X	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
TOC	3	1	<1	<1	<1	<1
Alkalinity	168	73.5	77	72	72.5	72.5
Chloride	43	4	4	3	4	4
pH	6.9	6.84	6.62	6.34	6.80	
Sulfate	8	25	28	29	22	23
Spec. Cond.	400	195	180	204	203	
Temperature	22	22.5		19	17	
Ammonia N	0.60	0.24		<0.1	<0.1	0.1
Nitrite N			<0.05	<0.05		
Nitrate N	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TDS	333	156	92	53	103	111

GW-5

LOCATION 18774.200, 6890.800

COLLAR ELEVATION - 432.600
DEPTH OF WELL - 37.8 ft

DATE	3/27/91	6/28/91	9/19/91	12/19/91	2/27/92
DEPTH TO WATER	12.89	12.6	13.69	15.22	13.37
WATER ELEVATION	419.71	420	418.91	417.38	419.23
Silver	<0.01	<0.010	<0.010	<0.010	<0.010
Aluminum	6.8	4.3	3.1	125	58.1
Barium	<0.02	0.03	0.03	0.46	0.29
Calcium	13.0	27.8	28.1	64.7	45.7
Cadmium	<0.002	<0.005	<0.005	0.005	<0.005
Chromium	<0.01	<0.01	<0.01	0.32	0.147
Copper	0.02	0.04	<0.02	0.22	0.11
Iron	8.64	5.23	3.76	185	92.6
Potassium	<2	<2	<2	6	3
Magnesium	15.9	19.3	20.1	97.2	58.6
Manganese	0.61	0.55	0.65	4.86	3.01
Sodium	8	28	30	25	20
Nickel	<0.02	0.03	<0.02	0.11	0.06
Zinc	0.12	0.15	<0.02	0.66	0.43
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Arsenic	<0.005	<0.02	<0.005	<0.025	<0.005
Lead	0.005	0.014	<0.005	0.026	0.025
Selenium	<0.005	<0.005	<0.005	<0.10	<0.025
TOC	2	2	1	2	2
Alkalinity	65.1	173.3	173	165	168
Chloride	4	41	41	60	38
pH	6.7	6.73	6.85	6.47	6.94
Sulfate	22	<12	3	<30	6
Spec. Cond.	180	395	355	407	374
Temperature	23	22.5		19	15.5
Ammonia N	0.38	0.34		0.15	0.13
Nitrite N			<0.05	<0.05	
Nitrate N	<0.05	<0.05	0.09	0.11	<0.05
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005
TDS	185	251	154	237	264

GW-6

LOCATION 18937.500, 6179.100

COLLAR ELEVATION - 425.900
DEPTH OF WELL - 28.4 ft

DATE	3/27/91	6/28/91	9/19/91	12/19/91	2/28/92
DEPTH TO WATER	2.6	2.4	4.79	6.42	5.33
WATER ELEVATION	423.3	423.5	421.11	419.48	420.57
Silver	<0.01	<0.010	<0.010	<0.010	<0.010
Aluminum	1.2	1.8	1.5	0.6	2.6
Barium	0.03	0.03	0.05	0.04	0.03
Calcium	18.1	21.7	21.6	22.5	18.7
Cadmium	<0.002	<0.005	<0.005	<0.005	<0.005
Chromium	<0.01	<0.01	<0.01	<0.01	<0.01
Copper	<0.02	0.02	0.03	<0.01	0.02
Iron	1.02	1.59	1.06	0.59	2.23
Potassium	<2	2	<2	<2	<2
Magnesium	10.2	11.5	11.8	11.9	10.1
Manganese	0.22	0.32	1.38	0.96	0.53
Sodium	26	29	31	30	22
Nickel	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	<0.02	0.11	0.08	<0.02	0.02
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Arsenic	<0.005	<0.02	<0.005	<0.005	<0.005
Lead	0.017	0.015	<0.005	<0.005	0.016
Selenium	<0.005	<0.005	<0.005	<0.005	<0.005
TOC	5	8	2	1	1
Alkalinity	87.15	86.1	122	118	89
Chloride		49	44	41	43
pH	7.0	6.55	6.70	6.27	6.51
Sulfate	12	14	16	13	12
Spec. Cond.	290	320	320	316	312.5
Temperature	23	22.5		20	14.7
Ammonia N	0.19	0.24		<0.1	<0.1
Nitrite N			<0.05	<0.05	
Nitrate N	0.06	<0.05	<0.05	0.19	0.10
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005
TDS	272	220	162	216	234

Well H

LOCATION 19964.470, 5082.480

COLLAR ELEVATION - 440.900
DEPTH OF WELL - 48.68 ft

DATE	3/13/91	6/26/91	9/19/91	12/19/91	3/31/92
DEPTH TO WATER		24.01	25.51	32.16	28.16
WATER ELEVATION		416.89	415.39	408.74	412.74
Silver	<0.01	<0.01	<0.010	<0.010	<0.010
Aluminum	8.1	3.1	1.4	0.7	1.9
Barium	0.07	0.05	0.07	0.03	0.03
Calcium	1.5	1.1	0.6	0.2	<1
Cadmium	0.004	<0.002	<0.005	<0.005	<0.005
Chromium	0.11	<0.01	<0.01	<0.01	<0.01
Copper	0.09	0.04	<0.02	0.01	0.04
Iron	18.4	6.85	2.45	2.42	6.5
Potassium	<2	<2	<2	<2	<2
Magnesium	1.08	0.73	0.37	0.15	<1
Manganese	1.21	0.83	1.21	0.58	0.42
Sodium	5	3	6	5	4
Nickel	0.03	<0.02	<0.02	<0.02	<0.02
Zinc	0.10	0.03	<0.02	<0.02	0.03
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Arsenic	<0.005	<0.03	<0.005	<0.005	<0.005
Lead	0.019	0.015	<0.005	0.012	0.016
Selenium	<0.005	<0.005	<0.005	<0.005	<0.005
TOC	5	<1	<1	2	<1
Alkalinity	7.4	6.3	7	4.2	38.8
Chloride	2.7	3	4	4	4
pH	5.30	5.29	5.57	5.39	5.27
Sulfate X	<6	<3	<3	<3	3
Spec. Cond.	22	20	30	38	30
Temperature	21	22.5		20	17
Ammonia N	0.22	0.25		0.21	0.1
Nitrite N			<0.05	<0.05	
Nitrate N	0.07	0.07	0.06	0.07	0.08
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005
TDS	45	37	132	18	<10

Well I

LOCATION 20322.500, 5618.710

COLLAR ELEVATION - 462.324
DEPTH OF WELL - 88.30 ft

DATE	3/13/91	6/26/91	9/19/91	12/19/91	3/31/92
DEPTH TO WATER		44.52	45.78	49.65	48.58
WATER ELEVATION		417.804	416.544	412.674	413.744
Silver	<0.01	<0.01	<0.010	<0.010	<0.010
Aluminum	29.0	8.1	29	6.5	3.9
Barium	0.13	0.04	0.10	0.04	0.03
Calcium	1.9	1	1.3	1.1	1.2
Cadmium	0.010	<0.002	<0.005	<0.005	<0.005
Chromium	0.01	<0.01	<0.01	<0.01	<0.01
Copper	0.12	0.04	0.08	0.03	0.02
Iron	24.9	6.18	14	6.10	2.3
Potassium	<2	<2	<2	<2	<2
Magnesium	4.42	2.92	5	2.82	2
Manganese	1.34	0.36	0.94	0.38	0.15
Sodium	4	3	4	3	4
Nickel	0.03	<0.02	<0.02	<0.02	<0.02
Zinc	0.22	0.08	0.17	0.04	0.05
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Arsenic	0.006	<0.03	<0.005	<0.005	<0.005
Lead	0.017	0.007	0.015	0.008	0.007
Selenium	<0.005	<0.005	<0.005	<0.005	<0.005
TOC	3	<1	1	1	<1
Alkalinity	3.2	5.3	6	12.6	5.3
Chloride	3.7	4	4	5	4
pH	5.37	5.06	5.10	5.31	5.21
Sulfate X	<12	6	3	4	5
Spec. Cond.	38	30	30	45	44
Temperature	21	22.5		19	17
Ammonia N	0.18	0.11		<0.1	<0.1
Nitrite N			<0.05	<0.05	
Nitrate N	0.13	0.16	0.14	0.19	0.18
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005
TDS	37	16	16	18	<10

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
DEPTH TO WATER		47.80	48.64	52.31	49.4
WATER ELEVATION		408.139	407.299	403.629	406.539
Silver	<0.01	<0.010	<0.010	<0.010	<0.01
Aluminum	3.6	1.1	1.9	0.9	2.3
Barium	<0.02	<0.02	<0.02	<0.02	<0.02
Calcium	1.1	1.5	1.3	1.2	1
Cadmium	<0.002	<0.005	<0.005	<0.005	<0.005
Chromium	<0.01	<0.01	<0.01	<0.01	<0.01
Copper	0.03	0.05	0.03	0.03	0.04
Iron	5.26	2.52	2.54	2.68	6.6
Potassium	<2	<2	<2	<2	<2
Magnesium	2.70	2.79	3.00	2.62	3
Manganese	0.11	0.03	0.02	0.04	0.08
Sodium	3	4	3	4	3
Nickel	<0.02	0.06	<0.02	<0.02	<0.02
Zinc	0.05	0.12	0.04	0.05	0.03
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Arsenic	<0.005	<0.02	<0.005	<0.005	<0.005
Lead	<0.005	0.011	0.013	0.087	0.005
Selenium	<0.005	<0.005	<0.005	<0.005	<0.005
TOC	1	1	<1	<1	<1
Alkalinity	4.2	9.5	11	12.6	10.5
Chloride	3.4	4	4	4	4
pH	5.62	5.56	5.46	5.75	5.65
Sulfate X	4	7	5	<6	<3
Spec. Cond.	40	40	35	50	58
Temperature	22	22		19	18
Ammonia N	<0.1	0.56		0.25	<0.1
Nitrite N			<0.05	<0.05	
Nitrate N	0.08	0.07	0.08	0.13	0.09
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005
TDS	37	39	14	24	<10

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
DEPTH TO WATER	47.58	47.93	48.79	53.19	51.00
WATER ELEVATION	410.766	410.416	409.556	405.156	407.346
Silver	<0.01	0.01	<0.010	<0.010	0.06
Aluminum	0.6	30.2	166	31.0	48.2
Barium	0.07	0.07	0.39	0.16	0.12
Calcium	9.0	4	14.8	8.5	7
Cadmium	<0.002	0.004	0.016	<0.005	<0.005
Chromium	<0.01	0.06	0.26	0.04	0.08
Hex Chromium	<0.01				
Copper	<0.02	0.08	0.29	0.06	0.09
Iron	0.32	55	272	43.8	87.4
Potassium	<2.0	<2	<2	<2	<2
Magnesium	13.0	28.2	145	29.6	41
Manganese	0.14	1.02	5.00	1.09	1.48
Sodium	6	3	7	7	5
Nickel	<0.02	0.05	0.19	0.03	0.05
Zinc	0.11	0.51	2.68	0.60	0.80
Mercury	0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Arsenic	<0.005	<0.05	<0.025	<0.025	<0.005
Lead	<0.005	0.027	0.092	0.010	0.016
Selenium	<0.005	<0.025	<.12	<0.10	<0.005
TOC	1	<1	<1	1	<1
Alkalinity	39.9	5	44	32	38.8
Res. Chlorine	<0.1				
Chloride	4	4	5	9	4
pH	7.0	6.33	6.57	6.51	6.3
Sulfate	<12	<3	6	30	3
Spec. Cond.	100	90	85	97	96
Temperature	20	22		19	17
Ammonia N	0.51	0.21		0.14	<0.1
Nitrite N			<0.05	<0.05	
Nitrate N	<0.05	<0.05	0.09	0.14	0.07
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005
Oil & Grease	18				
TDS	85	69	24	62	31
TSS	3435				

Davis & Floyd, Inc.

Laboratory Analysis Report

Page 1

Work Order # 92-04-002

Received: 04/01/92

04/15/92 09:54:05

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

ATTEN SCOTT WILKINSON

PREPARED Davis & Floyd, Inc.
BY P.O. Drawer 428
Greenwood, S.C. 29648

PHONE (803)-229_5211

CERTIFIED BY

JOHN_MCCORD

WORK ID JOB NO. 7561.00
P.O. #
TAKEN NEVADA GOLDFIELDS, INC.
TYPE GROUND WATER
NUMBER OF SAMPLES 8

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 28 DAYS FROM THE DATE OF THIS REPORT.

SAMPLE IDENTIFICATION	DATE COLLECTED
01 H	03/31/92 15:10:00
02 I	03/31/92 12:15:00
03 J	03/31/92 13:40:00
04 K	03/31/92 14:30:00
05 T	03/31/92 11:20:00
06 GW-~~1~~ 2	03/31/92 10:10:00
07 GW-~~2~~ 1	03/31/92 09:20:00
08 GW-3	03/31/92 11:05:00

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Davis & Floyd, Inc.

Laboratory Analysis Report

Work Order # 92-04-002

Received: 04/01/92 04/15/92 09:54:05

Test Description	Units	01 H	02 I	03 J	04 K
SILVER (TOTAL)	mg/l	<0.01	<0.01	<0.01	0.06
ALUMINUM (TOTAL)	mg/l	1.9	3.9	2.3	48.2
BARIUM (TOTAL)	mg/l	0.03	0.03	<0.02	0.12
CALCIUM (TOTAL)	mg/l	<1	1.2	1	7
CADMIUM (TOTAL)	mg/l	<0.005	<0.005	<0.005	<0.005
CHROMIUM (TOTAL)	mg/l	<0.01	<0.01	<0.01	0.08
COPPER (TOTAL)	mg/l	0.04	0.02	0.04	0.09
IRON (TOTAL)	mg/l	6.5	2.3	6.6	87.4
POTASSIUM (TOTAL)	mg/l	<2	<2	<2	<2
MAGNESIUM (TOTAL)	mg/l	<1	2	3	41
MANGANESE (TOTAL)	mg/l	0.42	0.15	0.08	1.48
SODIUM (TOTAL)	mg/l	4	4	3	5
NICKEL (TOTAL)	mg/l	<0.02	<0.02	<0.02	0.05
ZINC (TOTAL)	mg/l	0.03	0.05	0.03	0.80
MERCURY (TOTAL)	mg/l	<0.0002	<0.0002	<0.0002	<0.0002
ARSENIC (TOTAL)	mg/l	<0.005	<0.005	<0.005	<0.005
LEAD (TOTAL)	mg/l	0.014	0.007	0.005	0.016
SELENIUM (TOTAL)	mg/l	<0.005	<0.005	<0.005	<0.005
TOTAL ORGANIC CARBON	mg/l	<1	<1	<1	<1
BICARBONATE ALKALINITY	mg/l	5.8	5.3	10.5	38.8
CHLORIDE	mg/l	4	4	4	4
SULFATE	mg/l	3	5	<3	3
AMMONIA NITROGEN	mg/l	0.1	<0.1	<0.1	<0.1
NITRATE NITROGEN	mg/l	0.08	0.18	0.09	0.07
CYANIDE (TOTAL)	mg/l	<0.005	<0.005	<0.005	<0.005

Test Description	Units	01 H	02 I	03 J	04 K
TOTAL DISSOLVED SOLIDS	mg/l	<10	<10	<10	31

Test Description	Units	05 T	06 GW-1	07 GW-2	08 GW-3
SILVER (TOTAL)	mg/l	0.03	0.07	0.02	0.02
ALUMINUM (TOTAL)	mg/l	26.9	23.5	6.5	56.6
BARIUM (TOTAL)	mg/l	0.04	0.54	0.09	0.05
CALCIUM (TOTAL)	mg/l	16	3	17	17
CADMIUM (TOTAL)	mg/l	<0.005	<0.005	0.040	<0.005
CHROMIUM (TOTAL)	mg/l	0.03	0.03	0.02	0.07
COPPER (TOTAL)	mg/l	0.08	0.37	0.21	0.15
IRON (TOTAL)	mg/l	34.5	46.0	46.0	72.8
POTASSIUM (TOTAL)	mg/l	<2	4	4	<2
MAGNESIUM (TOTAL)	mg/l	40	10	7	74
MANGANESE (TOTAL)	mg/l	1.73	0.48	0.35	3.14
SODIUM (TOTAL)	mg/l	9	4	9	9
NICKEL (TOTAL)	mg/l	0.02	0.04	0.04	0.04
ZINC (TOTAL)	mg/l	0.30	0.11	1.72	0.61
MERCURY (TOTAL)	mg/l	<0.0002	<0.0002	<0.0002	<0.0002
ARSENIC (TOTAL)	mg/l	<0.005	<0.005	0.011	<0.005
LEAD (TOTAL)	mg/l	0.010	0.112	0.042	0.014
SELENIUM (TOTAL)	mg/l	<0.005	<0.020 X	<0.005	<0.005
TOTAL ORGANIC CARBON	mg/l	<1	2	2	<1
BICARBONATE ALKALINITY	mg/l	72.5	7.4	<1	72.5

Davis & Floyd, Inc.

Laboratory Analysis Report

Work Order # 92-04-002

Received: 04/01/92 04/15/92 09:54:05

Continued From Above

Test Description	Units	05 T	06 GW-1	07 GW-2	08 GW-3
CHLORIDE	mg/l	4	3	4	4
SULFATE	mg/l	23	20	190	22
AMMONIA NITROGEN	mg/l	0.1	<0.1	<0.1	<0.1
NITRATE NITROGEN	mg/l	<0.05	<0.05	<0.1 X	<0.2 X
CYANIDE (TOTAL)	mg/l	<0.005	<0.005	<0.005	<0.005
TOTAL DISSOLVED SOLIDS	mg/l	111	31	262	103

Received: 04/01/92 04/15/92 09:54:05

NEVADA GOLDFIELDS, INC.

NOTES:

X = INDICATES MATRIX INTERFERENCE WHICH MAY REQUIRE A DILUTION OR WHICH PREVENTS THE REPORTING OF A RESULT. DETECTION LIMITS HAVE BEEN ADJUSTED WHERE APPLICABLE.

9204002

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, McCORMICK, SC

SAMPLERS NAME/AFFILIATION:(PRINTED)

SAMPLE NO.	DATE	TIME	GRAB	COMP.	SAMPLE DESCRIPTION	NO. OF BOTTLES	NH3, NO3, 500ml plastic	TOC 250ml H2SO4	TPO4 125ml plastic	METALS 1L plastic	Alk-Bi Cl SO4 1L plastic	CYANIDE 1/2 gallon plastic	REMARKS	SAMPLE TYPE	POTENTIAL HAZARD
1	3-31-92	1510	X		H	6	✓	✓	✓	✓	✓	✓	Hg, K, Ca, Fe	GW	Ø
2	3-31-92	1215	X		I	6	✓	✓	✓	✓	✓	✓	Na, Mg, Al,	GW	
3	3-31-92	1340	X		J	6	✓	✓	✓	✓	✓	✓	Ba, Cd, Cr,	GW	
4	3-31-92	1430	X		K	6	✓	✓	✓	✓	✓	✓	Cu, Ag, Zn,	GW	
5	3-31-92	1120	X		T	6	✓	✓	✓	✓	✓	✓	As, Pb, Se,	GW	
6	3-31-92	1010	X		GW-1	6	✓	✓	✓	✓	✓	✓	Ni, Mn	GW	
7	3-31-92	0920	X		GW-2	6	✓	✓	✓	✓	✓	✓		GW	
8	3-31-92	1105	X		GW-3	6	✓	✓	✓	✓	✓	✓		GW	

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)
[signature]	3-31-92 1550	E. Cupp	[signature]	3-31-92 1642	

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED FOR LAB BY: (SIGNATURE)	DATE / TIME	REMARKS
		Angie Hanna	3/31/92 16:42	

DW-DRINKING WATER WW-WASTE WATER HW-HAZARDOUS WATER SD-SOLID AB-ABSORBENT TUBE
GW-GROUND WATER RC-RCRA SW-SURFACE WATER IM-IMPINGER SOLUTION F -FILTERS