Logged 14
8-2-94

DATA

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

July 11, 1994

Mr. Frank Wacht
Bureau of Solid & Hazardous Waste
SCDHEC
2600 Bull Street
Columbia, SC 29201

Barite Hill Goldmine Landfill
IWP-242
McCormick County

Dear Mr. Wacht:

Enclosed please find two copies of the Groundwater Monitoring results for the second quarter of 1994. The lab analysis and a collated version of the data has been included.

Well A, an upgradient well, had nitrate showing slightly above the limit. I believe that the high value might be due to problems in the lab. Well L2 was used as the duplicate this quarter and one of the samples had a nitrate reading of 0.359 ppm and the other was 0.558 ppm. The higher of these is outside the limit, but the average of the two is not.

The lab also could not read the sulfate of Well N to a level below the tolerance limits. The sulfate level was reported as <60 ppm.

Well O had a zinc level outside statistical tolerance levels. This is the first sample. We will watch next quarter's results.

If you have any questions or comments, please feel free to contact me at 443-2222.

Sincerely,

Jean V. Whisnant

Jean V. Whisnant

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NMED MONITOR WELLS
QUARTERLY REPORTS

A3 UPGRADIENT

LOCATION 20242.910, 6753.730

COLLAR ELEVATION - 486.100
DEPTH OF WELL - 70ft

DATE	8/28/91	9/12/91	2/27/92	5/14/92	8/25/92	11/23/92	2/24/93	5/19/93	8/17/93	11/15/93	2/14/94	5/9/94
DEPTH TO WATER	46.27	46.18	50.82	52.21	52.65	49.89	46.06	43.14	44.22	46.91	48.06	49.08
WATER ELEVATION	439.83	439.92	435.28	433.89	433.45	436.21	440.04	442.96	441.98	439.19	438.04	437.02
Silver	<0.01	<0.010	<0.010	<0.010	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010
Aluminum	51	71	16.6	1.9	2.6	2.63	1.16	1.19	0.236	0.501	0.247	4.04
Barium	0.53	0.11	0.23	0.11	0.10	0.098	0.129	0.149	0.100	0.130	0.144	0.197
Calcium	4		0.6	<1	<1	0.272				0.262		
Cadmium	0.006	<0.005	<0.005	<0.005	<0.005	<0.001	<0.00100	<0.00100	<0.001	<0.001	<0.0050	<0.0050
Chromium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.0020	<0.0020	<0.002	<0.002	<0.010	<0.010
Copper	1	0.06	0.28	0.07	0.04	0.060	0.042	0.042	0.016	0.034	0.031	0.101
Iron	128	95	28.2	5.9	3.0	5.13	2.29	2.11	0.425	1.57	0.609	8.25
Potassium	3	<2	2	<2	<2	<0.40				<0.4		
Magnesium	1	50	0.38	<1	<1	<0.20				<0.2		
Manganese	0.31	3	0.06	0.02	0.01	0.018				0.009		
Sodium	9	24	8	9	10	11.3				5.45		
Nickel	<0.02	0.10	<0.02	<0.02	<0.02	<0.0040	<0.0040	<0.0040	0.017	<0.004	<0.020	<0.020
Zinc	0.34	0.38	0.09	0.06	<0.02	0.021	0.020	0.038	0.036	0.027	0.036	0.064
Mercury	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.00002	<0.00002	<0.00002
Arsenic	<0.005	<0.024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Lead	0.076	0.013	0.020	<0.005	0.009	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0089
Selenium	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TOC	1	<1	1	2	1	3	1	3	3	1.4	1.6	3.6
Alkalinity	14	128	11	12	7.4	11.6				2.8		
Chloride	5	45	5	5	5	5	5	5	5	4.1	4.0	3.6
Fluoride	0.20	0.60		0.1	<0.1	0.1				0.15		
pH (Lab)	5.64	7.08	5.40	5.46	5.75				5.4	5.3	5.0	5.1
pH (Field)			5.40	5.56	5.17	5.27	4.64	4.54	4.81	4.94	4.6	5.16
Sulfate	7	<12	4	5	4	4	<3	<3	4	<3.0	<3.0	<15
Spec. Cond.	40	310	50	53	61	65	43	41	45	45	46	36
Temperature	21	8	16.1	18.9	18	16	15	18	19	19.3	16.3	16.4
Ammonia N	0.1	0.35	<0.1	<0.1	0.2	<0.1				<0.10		
Nitrite N	<0.05	<0.05	<0.05				<0.05					
Nitrate N	0.30	0.23	0.25	0.28	0.27	0.29	0.32	0.34	0.27	0.293	0.308	0.485
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.006	<0.006	<0.005	<0.005	<0.0050	<0.0050
TDS	116	38	56	42	58	33	17	57	24	32	29	27

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82

LOCATION 18992.210, 6023.290

COLLAR ELEVATION - 446.500
DEPTH OF WELL - 121ft

DATE	8/14/91	8/22/91	2/28/92	5/14/92	8/26/92	11/23/92	2/24/93	duplicate 2/24/93	5/18/93	8/17/93	11/15/93	2/14/94	5/9/94
DEPTH TO WATER	22.25	22.59	23	23	26.8	26.19	21.16		19.31	22.35	24.14	22.1	20.16
WATER ELEVATION	424.25	423.91	423.5	423.5	419.7	420.31	425.34		428.19	424.15	422.36	424.4	426.34
Silver	<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
Aluminum	2.0	7	0.2	0.7	0.6	0.669	0.480	0.671	0.639	0.239	0.973	0.880	0.458
Barium	0.20	0.25	0.15	0.18	0.20	0.203	0.182	0.184	0.190	0.166	0.181	0.188	0.182
Calcium	34.3	40	31.7	31	38	36.1					30.6		
Cadmium	<0.005	0.007	<0.005	<0.005	<0.005	<0.001	<0.00100	<0.00100	<0.0050	<0.001	<0.001	<0.0050	<0.0050
Chromium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0020	<0.0020	<0.0020	<0.010	<0.002	0.002	<0.010	<0.010
Copper	0.02	0.05	<0.02	0.01	0.01	0.009	0.007	0.009	<0.020	0.007	0.021	0.022	0.015
Iron	11.9	40	0.61	7.7	6.2	7.06	6.10	7.75	7.04	2.51	15.6	13.9	6.93
Potassium	3	2	<2	<2	<2	1.30					1.28		
Magnesium	6.29	8	5.16	5	6	5.84					5.37		
Manganese	0.62	2	0.34	0.59	0.60	0.617					0.821		
Sodium	14	15	11	12	13	13.1					11.3		
Nickel	<0.02	<0.02	<0.02	<0.02	<0.02	<0.0040	<0.0040	<0.0040	<0.020	0.006	<0.004	<0.020	<0.
Zinc	0.31	<0.03	0.04	0.12	0.11	0.094	0.130	0.101	0.153	0.075	0.211	0.201	0.
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
Arsenic	0.005	0.009	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Lead	0.195	0.39	0.009	0.038	0.088	0.094	0.103	0.126	0.070	0.062	0.161	0.165	0.082
Selenium X	<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
TOC	<1	8	1	2	1	6	1	2	1	2	1.2	1.3	1.5
Alkalinity	31	114	124	119	133	126					136		
Chloride	7	7	8	9	18	15	12	12	10	10	9.9	10.1	9.6
Fluoride	0.2	0.2	0.2	0.1	0.1	0.2					0.32		
pH (Lab)	7.1	7.32	7.68	7.78	7.69					7.7	7.6	7.5	7.2
pH (Field)			7.64	7.54	7.75	6.83	7.16		7.18	7.43	6.21	6.37	6.72
Sulfate	9	10	9	8	9	9	11	11	10	8	19.7	12.1	11.4
Spec. Cond.	240	235	267	254	172	310	287		267	266	256	269	245
Temperature			15	17.8	18	15	15		18		18.9	18	13.6
Ammonia N	0.27	0.14	<0.1	<0.1	0.2	0.2					0.17		
Nitrite N	<0.05	<0.05					<0.05	<0.05					
Nitrate NX	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.050	<0.050	0.221
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.006	<0.006	<0.006	<0.005	<0.0050	<0.0050	<0.0050
TDS	158	14	200	189	220	179	175	173	164	172	192	192	174

GW-5

LOCATION 18774.200, 6890.800

COLLAR ELEVATION - 432.600
DEPTH OF WELL - 37.8ft

DATE	3/27/91	6/28/91	9/19/91	12/19/91	2/27/92	duplicat 2/27/92	5/14/92	8/25/92	11/23/92	2/24/93	5/18/93	8/17/93	8/17/93 duplicate	11/15/93	2/14/94	5/9/94
DEPTH TO WATER	12.89	12.6	13.69	15.22	13.37		13.99	13.92	12.6	10.39	10.86	13.32		13.67	10.98	12.37
WATER ELEVATION	419.71	420	418.91	417.38	419.23		418.61	418.68	420	422.21	421.74	419.28		418.93	421.62	420.23
Silver	<0.01	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	<0.010
Aluminum	6.8	4.3	3.1	125	58.1	120	26.3	43.4	63.1	26.8	34.2	20.0	19.7	17.0	53.2	37.4
Barium	<0.02	0.03	0.03	0.46	0.29	0.44	0.12	0.16	0.264	0.121	0.167	0.098	0.093	0.078	0.240	0.178
Calcium	13.0	27.8	28.1	64.7	45.7	74.7	34	40	51.0					30.0		
Cadmium	<0.002	<0.005	<0.005	0.005	<0.005	<0.005	<0.005	<0.005	0.0027	0.0014	<0.0050	<0.001	<0.001	<0.001	<0.0050	<0.0050
Chromium	<0.01	<0.01	<0.01	0.32	0.17	0.3	0.07	0.10	0.168	0.063	0.098	0.057	0.054	0.044	0.165	0.111
Copper	0.02	0.04	<0.02	0.22	0.11	0.2	0.05	0.07	0.125	0.046	0.081	0.040	0.044	0.038	0.141	0.095
Iron	8.64	5.23	3.76	185	92.6	162	39.8	56.6	99.1	33.6	51.4	26.0	28.5	24.8	90.6	61.1
Potassium	<2	<2	<2	6	3	6	2	2	2.85					1.08		
Magnesium	15.9	19.3	20.1	97.2	50.6	86.1	34	38	56.9					26.0		
Manganese	0.61	0.55	0.65	4.86	3.01	4.11	1.30	1.56	2.68					0.814		
Sodium	8	28	30	25	20	28	26	28	26.4					21.9		
Nickel	<0.02	0.03	<0.02	0.11	0.06	0.10	0.02	0.03	0.059	0.022	0.027	0.032	0.021	0.017	0.065	0.037
Zinc	0.12	0.15	<0.02	0.66	0.43	0.57	0.14	0.19	0.351	0.126	0.245	0.163	0.107	0.090	0.354	0.236
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	<0.0002
Arsenic	<0.005	<0.02	<0.005	<0.025	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Lead	0.005	0.014	<0.005	<0.026	0.025	0.028	<0.005	0.015	0.016	0.022	0.010	0.006	0.006	<0.005	0.0122	0.0107
Selenium	<0.005	<0.005	<0.005	<0.10	<0.025	<0.025	<0.005	<0.005	<0.005	<0.010	<0.025	<0.005	<0.005	<0.005	<0.005	<0.020
TOC	2	2	1	2	2	2	1	1	3	2	1	1	2	1.2	1.3	1.8
Alkalinity	65.1	173.3	173	165	168	170	153	154	152					156		
Chloride	4	41	41	60	38	44	38	36	35	38	43	45	45	44.9	44.1	44.8
Fluoride					0.2	2.5	1	0.2	0.7					0.44		
pH (Lab)	6.7	6.73	6.85	6.47	6.94	6.87	6.72	6.85				7.0	7.1	7.0	6.5	6.9
pH (Field)					6.89	6.88	6.82	6.10	6.64	6.35	6.62	6.66		6.42	6.33	6.54
Sulfate	22	<12	3	<30	6	<3	<30	<3	<30	<30	<30	<12	<12	<6.0	<15	<15
Spec. Cond.	180	395	355	407	374	376	376	399	399	424	424	411		408	447	427
Temperature	23	22.5		19	15.5	15.5	17.8	18	18	15	17	17		19.6	17.2	17.8
Ammonia N	0.38	0.34		0.15	0.13	<0.1	<0.1	0.2	0.1					0.21		
Nitrite N			<0.05	<0.05						<0.05						
Nitrate N	<0.05	<0.05	0.09	0.11	<0.05	<0.05	0.11	0.08	0.14	<0.05	0.11	0.09	0.11	<0.050	<0.10	0.258
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.006	<0.006	<0.005	<0.005	<0.005	<0.0050	<0.0050
TDS	185	251	154	237	264	264	257	265	234	256	334	261	246	219	267	248

D3

LOCATION 19506.650, 7324.42

COLLAR ELEVATION - 470.391
DEPTH OF WELL - 79ft

DATE	8/28/91	9/12/91	2/27/92	5/14/92	8/25/92	11/23/92	2/24/93	5/19/93	8/17/93	11/16/93	2/14/94	5/9/94
DEPTH TO WATER	37.54	37.6	41.06	40.24	41.11	39.8	36.72	34.5	36.88	39.05	38.15	37.08
WATER ELEVATION	432.851	432.791	429.331	430.151	429.281	430.591	433.671	435.891	433.511	431.341	432.241	433.311
Silver	0.014	0.061	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	<0.010
Aluminum	158	62	4.1	1.0	1.6	0.509	0.438	0.351	0.091	0.360	0.926	0.811
Barium	0.21	0.42	<0.02	<0.02	<0.02	0.004	0.007	<0.0040	<0.004	0.008	<0.020	<0.020
Calcium	85.0		36.2	33	35	33.5				32.7		
Cadmium	0.007	<0.005	<0.005	<0.005	<0.005	<0.00100	<0.00100	<0.00100	<0.001	<0.001	<0.0050	<0.0050
Chromium	0.04	<0.01	<0.01	<0.01	<0.01	<0.0020	<0.0020	<0.0020	<0.002	<0.002	<0.010	<0.010
Copper	0.13	0.81	<0.02	<0.01	<0.02	<0.0040	<0.0040	<0.0040	<0.004	<0.004	<0.020	<0.010
Iron	208	81	5.94	1.2	2.4	0.723	0.638	0.491	0.194	0.830	1.35	1.18
Potassium	6	3	<2	<2	<2	0.454				<0.4		
Magnesium	87	0.85	15.2	13	14	12.9				13.2		
Manganese	7	0.18	0.53	0.24	0.41	0.202				0.108		
Sodium	18	10	19	20	21	20.4				20.1		
Nickel	0.19	<0.02	0.04	<0.02	0.03	0.023	0.020	0.015	0.021	0.015	0.020	<0.020
Zinc	0.81	0.23	0.04	<0.02	<0.02	0.010	0.014	0.076	0.042	0.019	0.021	<0.020
Mercury	0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.00020	<0.00020
Arsenic	<0.020	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050
Lead	0.025	0.094	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050
Selenium	<0.10	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050
TOC	1	2	1	1	<1	3	2	2	3	1.9	5.8	3.0
Alkalinity	127	11	129	123	124	127				132		
Chloride	44	5	51	49	47	46	46	46	48	50.9	52.1	50.2
Fluoride	0.75	0.2	1.2	<0.1	0.1	0.1				0.16		
pH (Lab)	6.85	5.91	6.64	6.67	6.68				6.8	6.8	6.7	6.8
pH (Field)			6.68	6.54	5.89	6.60	6.71	6.45	6.43	6.49	6.22	
Sulfate	<3	<15	<3	3	<3	<3	<3	<3	<3	<3.0	5.0	4.2
Spec. Cond.	350	45	348.5	354	394	391	376	384	386	400	400	391
Temperature	21	7	16	18.3	18	16	13.5	17	16	17.8	16.6	18.7
Ammonia N	1.4	0.35	0.27	<0.1	0.2	<0.1				<0.10		
Nitrite N	<0.05	<0.05					<0.05					
Nitrate N	0.15	0.08	0.06	0.14	0.12	0.14	<0.05	0.33	0.13	0.138	0.141	0.331
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.006	<0.006	<0.005	<0.0050	<0.0050	<0.0050
TDS	116	260	259	260	274	224	236	525	230	241	252	231

ING

ATION 18937.500, 6179.100

LAR ELEVATION - 425.900
TH OF WELL - 28.4ft

DATE	3/27/91	6/28/91	9/19/91	12/19/91	2/28/92	5/14/92	8/25/92	11/23/92	2/24/93	5/18/93	8/17/93	11/15/93	2/14/94	5/4/94
DEPTH TO WATER	2.6	2.4	4.79	6.42	5.33	6.29	4.97	3.96	2.54	2.42	2.95	3.33	2.6	19.08
WATER ELEVATION	423.3	423.5	421.11	419.48	420.57	419.61	420.93	421.94	423.36	423.48	422.95	422.51	423.3	406.82
Silver	<0.01	<0.010	<0.010	<0.010	<0.010	<0.010	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	<0.010
Aluminum	1.2	1.8	1.5	0.6	2.6	1.8	0.5	2.16	0.655	0.911	0.296	1.20	0.924	0.139
Barium	0.03	0.03	0.05	0.04	0.03	0.05	0.04	0.055	0.026	0.035	0.041	0.049	0.032	0.021
Calcium	18.1	21.7	21.6	22.5	18.7	22	22	20.3				17.4		
Cadmium	<0.002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0011	<0.00100	<0.00100	<0.001	<0.001	0.0050	<0.0050
Chromium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.003	<0.0020	0.002	<0.002	<0.002	<0.010	<0.010
Copper	<0.02	0.02	0.03	<0.01	0.02	<0.01	<0.02	0.007	<0.0040	0.004	<0.004	0.006	<0.020	<0.010
Iron	1.02	1.59	1.06	0.59	2.23	1.2	0.4	2.12	0.558	0.892	0.311	1.51	1.29	0.171
Potassium	<2	2	<2	<2	<2	<2	<2	1.35				1.18		
Magnesium	10.2	11.5	11.8	11.9	10.1	12	12	10.9				9.93		
Manganese	0.22	0.32	1.38	0.96	0.53	1.16	1.21	1.11				1.41		
Sodium	26	29	31	30	22	27	30	28.4				26.0		
Nickel	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.0040	<0.0040	<0.0040	0.005	<0.004	<0.020	<0.01
Zinc	<0.02	0.11	0.08	<0.02	0.02	<0.02	<0.02	0.019	0.008	0.038	0.043	0.030	0.042	0.03
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
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
Lead	0.017	0.015	<0.005	<0.005	0.016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<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	<0.0050	<0.0050
TOC	5	8	2	1	1	1	2	3	1	2	1	1.9	1.3	1.4
Alkalinity	87.15	86.1	122	118	89	90	107	101				103		
Chloride		49	44	41	43	42	39	39	39	37	34	37.4	38.5	38.2
Fluoride					0.5	0.2	0.2	0.2				0.23		
pH (Lab)	7.0	6.55	6.70	6.27	6.51	6.54	6.68				6.9	6.8	6.6	6.5
pH (Field)					6.61	6.59	6.92	6.83	6.40	6.27	6.27	6.47	6.16	6.52
Sulfate	12	14	16	13	12	11	12	13	14	11	9	11.2	11.4	11.8
Spec. Cond.	290	320	320	316	312.5	349.8	194	339	313	311	296	314	296	285
Temperature	23	22.5		20	14.7	15.6	18	17	12	15	21	19.9	12.3	19.5
Ammonia N	0.19	0.24		<0.1	<0.1	0.1	0.3	0.3				<0.10		
Nitrite N			<0.05	<0.05					<0.05					
Nitrate N	0.06	<0.05	<0.05	0.19	0.10	<0.05	<0.05	0.13	0.08	<0.05	<0.05	0.058	0.122	0.269
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.006	<0.006	<0.005	<0.0050	<0.0050	<0.0050
TDS	272	220	162	216	234	235	245	210	197	219	201	196	203	182

F3 UPGRADIENT

LOCATION 19505.880, 5619.790

COLLAR ELEVATION - 482.263
DEPTH OF WELL - 75ft

DATE	8/14/91	8/22/91	2/27/92	5/14/92	8/25/92	duplicate 8/25/92	11/23/92	2/24/93	5/19/93	8/17/93	11/16/93	duplicate 11/16/93	2/14/94	5/3/94
DEPTH TO WATER	38.61	38.82	45.18	53.96	53.19		51.66	48.67	47.22	48.15	47.98		47.45	49.36
WATER ELEVATION	443.653	443.443	437.083	428.303	429.073		430.603	433.593	435.043	434.113	434.283		434.813	432.903
Silver	<0.010	<0.010	<0.010	0.04	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.010	<0.010	<0.010	<0.010
Aluminum	18.2	15	10.9	23.0	20.4	7.1	23.8	8.7	3.74	2.72	2.70	2.03	14.8	7.1
Barium	0.17	0.17	0.15	0.29	0.22	0.13	0.238	0.141	0.115	0.106	0.118	0.117	0.199	0.133
Calcium	8.4	13	5.9	11	11	11	17.4				3.41	1.87		
Cadmium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0021	0.0011	<0.00200	<0.001	<0.0010	<0.001	<0.0050	<0.0050
Chromium	<0.01	0.01	<0.01	0.01	<0.01	<0.01	0.011	0.007	0.002	0.003	0.002	<0.002	0.011	<0.010
Copper	0.14	0.11	0.08	0.28	0.12	0.08	0.193	0.085	0.035	0.026	0.042	0.040	0.335	0.071
Iron	22.9	28	17.4	78.30	35.0	20.8	51.6	22.1	8.94	5.25	9.27	8.24	76.5	18.5
Potassium	3	<2	<2	<2	<2	<2	0.965				0.409	0.455		
Magnesium	1.24	2	1.23	2	2	2	1.71				1.12	1.06		
Manganese	0.05	0.07	0.04	0.08	0.06	0.05	0.059				0.025	0.024		
Sodium	19	15	9	12	13	13	14.6				6.78	6.56		
Nickel	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	0.004	<0.0040	<0.0040	0.005	<0.0040	<0.004	<0.020	20
Zinc	0.21	0.12	0.08	0.12	0.08	0.06	0.082	0.058	0.112	0.052	0.034	0.045	0.097	55
Mercury	<0.0002	<0.0002	0.0002	0.0003	0.0003	0.0005	0.0003	0.0003	<0.0002	<0.0002	0.00076	0.00083	0.00083	0.__073
Arsenic	<0.005	0.012	<0.005	<0.005	<0.005	<0.003	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050
Lead	0.026	0.038	0.018	0.12	0.079	0.033	0.079	0.040	0.007	0.015	0.0198	<0.0050	0.0327	0.0169
Selenium	<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
TOC	2	<1	2	1	<1	<1	3	3	4	2	5.4	9.6	2.4	1.4
Alkalinity	47	53	21	24	47	26	47.2				3.9	11.0		
Chloride	7	6	7	7	7	7	8	7	8	7	5.9	6.0	5.9	5.4
Fluoride	0.2	<0.1		0.3	0.2	0.2	0.3				<0.10	0.11		
pH (Lab)	6.3	6.19		6.01	6.36	6.16				5.9	6.0	5.9	5.6	5.9
pH (Field)			5.62	5.82	5.47	5.47	5.65	5.58	5.26	5.45	5.44		5.28	6.57
Sulfate X	12	16	10	<12	<12	8	<12	8	9	8	4.7	5.9	<15	7.4
Spec. Cond.	155	110	83	85	121	121	118	94	101	71	63		68	65
Temperature			15.5	20	18	18	16	15	17	22	19.2		16.2	20.5
Ammonia N	0.25	0.13	0.13	<0.1	0.3	0.1	<0.1				<0.10	<0.10		
Nitrite N	<0.05	<0.05	<0.05					<0.05						
Nitrate N	0.12	0.17	0.15	0.17	0.15	0.17	0.17	0.18	0.19	0.19	0.183	0.189	0.127	0.334
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.006	<0.006	<0.005	<0.0050	<0.0050	<0.0050	<0.0050
TDS	246	20	88	86	113	106	100	51	74	57	48	36	59	40

LOCATION 1875?.420, 6358.792

TOP OF ELEVATION - 433.935
DEPTH OF WELL - 27.07

DATE	1/14/92	1/22/92	2/27/92	5/14/92	8/25/92	11/23/92	2/24/93	5/18/93	8/17/03	11/15/93	2/14/94	5/9/94
DEPTH TO WATER	16.43	16.14	15.07	15.39	15.4	14.09	12.17	16.53	14.3	14.46	12.44	13.28
WATER ELEVATION	417.505	417.795	418.865	418.545	418.535	419.845	421.765	417.405	419.635	419.475	421.495	420.655
Silver	<0.010	<0.010	<0.010	<0.010	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	<0.010
Aluminum	35.1	48.1	38.8	24.0	25.1	19.9	24.5	33.3	53.1	18.4	17.7	38.2
Barium	0.09	0.11	0.11	0.07	0.05	0.045	0.049	0.086	0.120	0.047	0.047	0.096
Calcium	36.8	31.4	31.0	30	31	29.6				26.9		
Cadmium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.00100	<0.00100	<0.0050	<0.001	0.0014	<0.0050	<0.0050
Chromium	0.04	0.04	0.05	0.02	0.03	0.017	0.024	0.034	0.037	0.016	0.026	0.045
Copper	0.03	0.03	0.05	0.02	<0.02	0.015	0.016	0.038	0.043	0.020	0.024	0.053
Iron	45.8	61.4	41.2	27	29.4	20.3	24.2	39.5	56.9	21.7	23.3	47.8
Potassium	7	4	5	2	2	2.90				1.57		
Magnesium	42.0	48.1	34.0	34	34	31.4				31.1		
Manganese	2.01	2.74	2.60	1.58	1.27	0.833				1.27		
Sodium	48	44	36.00	45.00	50.00	49.8				44.2		
Nickel	0.02	0.02	0.02	<0.02	<0.02	0.007	0.007	0.085	0.031	0.009	<0.020	<0.020
Zinc	0.33	0.44	0.30	0.20	0.17	0.165	0.154	1.44	0.544	0.157	0.168	0.344
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.00020	<0.00020	<0.00020
Arsenic	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050
Lead	0.019	0.006	0.010	<0.005	0.006	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	0.0063
Selenium	<0.005	<0.025	<0.025	<0.020	<0.005	<0.005	<0.005	<0.040	<0.005	<0.0050	<0.0050	<0.020
TOC	2	2	2	1	1	5	2	2	2	2.2	1.6	1.8
Alkalinity	201	206	214	196	204	205				196		
Chloride	50	65	51	55	58	53	59	69	68	62.0	64.3	6[illegible].5
Fluoride	0.4	0.8		0.3	0.4	0.4				0.87		0.[illegible]
pH (Lab)	7.28	7.35	7.23	7.07	7.07				6.9	7.0	6.8	6.[illegible]
pH (Field)			7.31	6.95	7.04	7.01	6.9	7.01	6.75	6.41	6.27	6.02
Sulfate X	<12	<75	8	<12	<12	<6	<12	7	<30	<15	<12	<60
Spec. Cond.	500	247	468	528	554	543	548	619	581	535	630	614
Temperature		13	15	15.6	18	17	12	20	18	13.8	13.0	16.9
Ammonia N	0.25	0.14	0.15	0.3	0.2	0.1				<0.10		
Nitrite N	<0.05	<0.10	<0.05				<0.05					
Nitrate N	<0.10	<0.10	<0.2	<0.05	<0.05	0.06	<0.05	<0.05	<0.05	<0.25	[illegible]	[illegible]
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.006	<0.006	<0.005	<0.0050	<0.0050	[illegible]
TDS	283	274	1152	299	336	286	366	234	337	302	306	300

Well 0

LOCATION 18758.548, 6704.178

COLLAR ELEVATION = 442.445
DEPTH OF WELL 28.62

DATE	1/22/92	2/28/92	5/14/92	8/25/92	11/23/92	2/24/93	5/18/93	8/17/93	11/15/93	2/14/94	5/9/94
DEPTH TO WATER	26.42	23.16	23.25	23.32	22.34	20.03	20.05	21.16	22.56	20.56	21.16
WATER ELEVATION	416.025	419.285	419.195	419.125	420.105	422.415	422.395	421.285	419.885	421.885	421.285
Silver	<0.010	<0.010	<0.010	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	<0.010
Aluminum	0.9	1.2	1.4	2.8	12.5	15.4	21.2	17.1	11.5	15.4	10.1
Barium	0.03	0.02	0.03	0.03	0.079	0.099	0.325	0.093	0.083	0.148	0.089
Calcium	33.9	29.5	28	31	36.0				33.3		
Cadmium	<0.005	<0.005	<0.005	<0.005	<0.00100	0.0011	<0.00100	<0.001	0.0010	<0.0050	<0.0050
Chromium	<0.01	<0.01	<0.01	<0.01	0.007	0.008	0.009	0.009	0.006	0.012	<0.010
Copper	<0.02	<0.02	<0.01	<0.02	0.0040	<0.0040	0.023	0.009	0.008	<0.020	0.015
Iron	1.18	1.48	2.1	3.6	18.7	19.5	10.0	23.6	18.9	24.9	13.8
Potassium	4	2	2	<2	2.62				2.17		
Magnesium	15.1	15.4	16	18	24.0				24.1		
Manganese	0.10	0.08	0.06	0.11	0.612				0.664		
Sodium	26	24	26.00	26	26.9				24.7		
Nickel	<0.02	<0.02	<0.02	<0.02	0.006	0.006	0.004	0.012	0.007	<0.020	<0.030
Zinc	0.02	<0.02	0.02	0.04	0.092	0.098	0.094	0.181	0.111		0.356
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.00020	<0.00020	<0.00020
Arsenic	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050
Lead	0.013	0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050
Selenium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.005	<0.005	<0.0050	<0.010	<0.0050
TOC		2	1	2	3	2	5	2	2.1	2.2	2.4
Alkalinity		129	134	140	140				141		
Chloride	60	60	58	57	55	60	62	60	59.1	61.9	61.7
Fluoride	0.2	0.5	0.2	0.2	0.3				0.29		
pH Lab	7.27	7.14	6.92	6.94				6.8	6.7	6.4	6.9
pH Field		6.93	6.83	7.24	7.04	6.56	6.44	6.64	6.26	6.23	6.53
Sulfate	11	3	<3	<3	<6	<3	<6	<3	<6.0	<6.0	12
Spec. Cond.	201	433	440	253	451	443	467	448	446	439	459
Temperature	13	15.5	16.7	18	16	14	17	17	19.6	15.6	18.4
Ammonia N		0.13	<0.1	0.2	0.4				<0.10		
Nitrite N	<0.05					<0.05					
Nitrate N		0.35	0.37	0.41	0.44	0.31	0.27	0.26	0.200	0.174	0.257
Cyanide (total)		<0.005	<0.005	<0.005	<0.010	<0.006	<0.006	<0.005	<0.0050	<0.0050	<0.0050
TDS	222	258	267	294	252	269	303	297	275	268	258

Well L2

LOCATION 19275.583, 7092.098

COLLAR ELEVATION - 462.221
DEPTH OF WELL - 81.91

DATE	8/7/92	8/25/92	11/23/92	duplicate 11/23/92	2/24/93	5/18/93	duplicate 5/18/93	8/17/93	11/15/93	2/14/94	duplicat 2/14/94	5/9/94	duplicat 5/9/94
DEPTH TO WATER	38	37.51	36.33		33.62	31.95		33.96	35.43	34.51		33.78	
WATER ELEVATION	424.221	424.711	425.891		428.601	430.271		428.261	426.791	427.711		428.441	
Silver	<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
Aluminum	209	88.6	36.5	32.0	13.1	9.65	5.74	4.91	1.14	1.02	1.14	2.74	4.36
Barium	0.30	0.17	0.079	0.069	0.026	0.027	<0.020	0.022	0.006	<0.020	<0.020	<0.020	0.025
Calcium	67	57	50.0	49.2					43.5				
Cadmium	0.006	<0.005	0.0015	0.0011	<0.00100	<0.0050	<0.0050	<0.001	<0.001	<0.0050	<0.0050	<0.0050	<0.0050
Chromium	0.07	0.19	0.018	0.018	0.020	0.013	0.015	0.028	0.010	<0.010	<0.010	<0.010	0.012
Copper	0.25	0.15	0.066	0.056	0.022	<0.020	0.021	0.017	0.005	<0.020	<0.020	0.014	0.023
Iron	160	91.7	43.4	39.2	13.1	7.65	6.08	7.19	2.02	1.69	1.78	3.32	7.57
Potassium	4	<2	1.18	0.963					<0.4				
Magnesium	38	29	22.0	21.4					16.6				
Mangarese	12.70	7.35	3.57	3.10					0.106				
Sodium	24	29	22.2	22.3					20.3				
Nickel	0.06	0.05	0.028	0.023	0.011	<0.020	<0.020	0.016	0.011	<0.020	<0.020	<0.020	0
Zinc	0.23	0.18	0.074	0.061	0.028	0.073	0.123	0.051	0.017	0.105	0.073	0.021	0.
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Arsenic	<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
Lead	0.028	0.028	0.009	0.008	<0.005	0.006	<0.005	<0.005	<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	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
TOC	2	<1	2	7	1	1	2	2	2.4	1.5	1.2	1.5	1.2
Alkalinity	146	138	138	139					146				
Chloride	73	77	75	75	80	81	81	79	81.0	81.9	80.2	80.6	80.7
Fluoride	0.9	0.5	0.2	0.2					0.18				
pH (Lab)	6.96	6.81						6.9	6.9	6.6	6.5	6.7	6.7
pH (Field)	6.84	6.12	6.79		6.32	6.46		6.67	6.25	6.35		6.55	
Sulfate	<60	<30	<12	<6	<6	<6	<3		3.4	3.5	4.0	5.6	14
Spec. Cond.	493	504	510		511	504		496	498	515		470	
Temperature	17	18	16		13	20		18	18.8	17.2		19.1	
Ammonia N	0.40	0.3	<0.1	0.1					0.20				
Nitrite N					<0.05								
Nitrate N	0.29	0.37	0.42	0.43	0.36	0.38	0.37	0.34	0.363	0.380	0.375	0.359	0.558
Cyanide (total)	<0.005	<0.005	<0.050	<0.100	<0.006	<0.006	<0.006	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
TDS	657	485	481	488	363	326	377	363	325	314	304	295	292

ok

Avg of 2 ok

Davis & Floyd, Inc.

Laboratory Analysis Report

Work Order # 94-05-121

Received: 05/10/94

05/23/94 12:13:06

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

ATTEN JEAN WHISNANT

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

PHONE (803)-229-5211

CERTIFIED BY

JOHN_MCCORD

WORK ID JOB NO. 7561.02
P.O. # N/A
TAKEN ERNEST CULPEPPER
TYPE GROUNDWATER
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 14 DAYS FROM THE DATE OF THIS REPORT.

SAMPLE IDENTIFICATION	DATE COLLECTED
01 WELL O	05/09/94 17:30:00
02 WELL F-3	05/09/94 17:10:00
03 GW-6	05/09/94 16:35:00
04 WELL D-3	05/09/94 15:45:00
05 WELL GW-5	05/09/94 15:25:00
06 WELL T	05/09/94 13:00:00
07 WELL L-2	05/09/94 12:40:00
08 WELL B-2	05/09/94 11:20:00

Received: 05/10/94 05/23/94 12:13:06

Test Description	Units	01 WELL O	02 WELL F-3	03 GW-6	04 WELL D-3
SILVER (TOTAL)	mg/l	< 0.010	< 0.010	< 0.010	< 0.010
ALUMINUM (TOTAL)	mg/l	10.1	7.10	0.139	0.811
BARIUM (TOTAL)	mg/l	0.089	0.133	0.021	< 0.020
CADMIUM (TOTAL)	mg/l	< 0.0050	< 0.0050	< 0.0050	< 0.0050
CHROMIUM (TOTAL)	mg/l	< 0.010	< 0.010	< 0.010	< 0.010
COPPER (TOTAL)	mg/l	0.013	0.071	< 0.010	< 0.010
IRON (TOTAL)	mg/l	13.8	18.5	0.171	1.18
NICKEL (TOTAL)	mg/l	< 0.020	< 0.020	< 0.020	< 0.020
ZINC (TOTAL)	mg/l	0.356	0.055	0.035	< 0.020
MERCURY (TOTAL)	mg/l	< 0.00020	0.00073	< 0.00020	< 0.00020
ARSENIC (TOTAL)	mg/l	< 0.0050	< 0.0050	< 0.0050	< 0.0050
LEAD (TOTAL)	mg/l	< 0.0050	0.0169	< 0.0050	< 0.0050
SELENIUM (TOTAL)	mg/l	< 0.0050	< 0.0050	< 0.0050	< 0.0050
ORGANIC CARBON TOTAL	mg/l	2.4	1.4	1.4	3.0
CHLORIDE	mg/l	61.7	5.4	38.2	50.2
pH (LAB)	pH units	6.8	5.9	6.5	6.8
SULFATE	mg/l	< 12 X	7.4	11.8	4.2
NITRATE NITROGEN	mg/l	0.257	0.334	0.269	0.331
CYANIDE (TOTAL)	mg/l	< 0.0050	< 0.0050	< 0.0050	< 0.0050
DISSOLVED SOLIDS TOTAL	mg/l	258	40	182	231

Test Description	Units	05 WELL GW-5	06 WELL T	07 WELL L-2	08 WELL B-2
SILVER (TOTAL)	mg/l	< 0.010	< 0.010	< 0.010	< 0.010
ALUMINUM (TOTAL)	mg/l	37.4	4.36	2.74	0.458

Test Description	Units	05 WELL GW-5	06 WELL T	07 WELL L-2	08 WELL B-2
BARIUM (TOTAL)	mg/l	0.178	0.025	< 0.020	0.182
CADMIUM (TOTAL)	mg/l	< 0.0050	< 0.0050	< 0.0050	< 0.0050
CHROMIUM (TOTAL)	mg/l	0.111	0.012	< 0.010	< 0.010
COPPER (TOTAL)	mg/l	0.095	0.023	0.014	0.015
IRON (TOTAL)	mg/l	61.1	7.57	3.32	6.93
NICKEL (TOTAL)	mg/l	0.037	0.040	< 0.020	< 0.020
ZINC (TOTAL)	mg/l	0.236	0.151	0.021	0.108
MERCURY (TOTAL)	mg/l	< 0.00020	< 0.00020	< 0.00020	< 0.00020
ARSENIC (TOTAL)	mg/l	< 0.0050	< 0.0050	< 0.0050	< 0.0050
LEAD (TOTAL)	mg/l	0.0107	< 0.0050	< 0.0050	0.0817
SELENIUM (TOTAL)	mg/l	< 0.020 X	< 0.0050	< 0.0050	< 0.0050
ORGANIC CARBON TOTAL	mg/l	1.8	1.2	1.5	1.5
CHLORIDE	mg/l	44.8	80.7	80.6	9.6
pH (LAB)	pH units	6.9	6.7	6.7	7.2
SULFATE	mg/l	< 15 X	14	5.6	11.4
NITRATE NITROGEN	mg/l	0.258	0.558	0.359	0.221
CYANIDE (TOTAL)	mg/l	< 0.0050	< 0.0050	< 0.0050	< 0.0050
DISSOLVED SOLIDS TOTAL	mg/l	248	292	295	174

Received: 05/10/94

05/23/94 12:13:06

NEVADA GOLDFIELDS, INC.

NOTES:

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

Davis & Floyd, Inc.

Laboratory Analysis Report

Work Order # 94-05-122

Received: 05/10/94

05/23/94 12:13:42

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

ATTEN JEAN WHISNANT

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

PHONE (803)-229-5211

CERTIFIED BY

JOHN_MCCORD

WORK ID JOB NO. 7561.02
P.O. # N/A
TAKEN ERNEST CULPEPPER
TYPE GROUNDWATER
NUMBER OF SAMPLES 2

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.

RECEIVED MAY 2 5 1994

SAMPLE IDENTIFICATION	DATE COLLECTED
01 WELL N	05/09/94 10:50:00
02 A-3	05/09/94 09:00:00

Davis & Floyd, Inc.

Laboratory Analysis Report

Work Order # 94-05-122

Received: 05/10/94 05/23/94 12:13:42

Test Description	Units	01 WELL N	02 A-3
SILVER (TOTAL)	mg/l	< 0.010	< 0.010
ALUMINUM (TOTAL)	mg/l	38.2	4.04
BARIUM (TOTAL)	mg/l	0.096	0.197
CADMIUM (TOTAL)	mg/l	< 0.0050	< 0.0050
CHROMIUM (TOTAL)	mg/l	0.045	< 0.010
COPPER (TOTAL)	mg/l	0.053	0.101
IRON (TOTAL)	mg/l	47.8	8.25
NICKEL (TOTAL)	mg/l	< 0.020	< 0.020
ZINC (TOTAL)	mg/l	0.344	0.044
MERCURY (TOTAL)	mg/l	< 0.00020	< 0.00020
ARSENIC (TOTAL)	mg/l	< 0.0050	< 0.0050
LEAD (TOTAL)	mg/l	0.0068	0.0089
SELENIUM (TOTAL)	mg/l	< 0.020 X	< 0.0050
ORGANIC CARBON TOTAL	mg/l	1.8	3.6
CHLORIDE	mg/l	66.5	3.6
FLUORIDE	mg/l	0.90	
pH (LAB)	pH units	6.9	5.1
SULFATE	mg/l	< 60 X	< 15 X
NITRATE NITROGEN	mg/l	< 0.050	0.485
CYANIDE (TOTAL)	mg/l	< 0.0050	< 0.0050
DISSOLVED SOLIDS TOTAL	mg/l	300	27

Received: 05/10/94 05/23/94 12:13:42

NEVADA GOLDFIELDS, INC.

NOTES:

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4405121, 4405122

DAVIS & FLOYD

Chain of Custody Form

Page __ of __

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

PROJ. NO. 7561.02

PROJECT NAME: NEVADA GOLDFIELDS, MCCORMICK, SC

SAMPLERS NAME/AFFILIATION:(PRINTED): Ernest Anderson NGI, Michael K. Rose NGI

SAMPLE NO.	DATE	GRAB	TIME	COMP.	TIME ON	TIME OFF	SAMPLE DESCRIPTION	NO. OF BOTTLES	1 125 ml	2 125 ml	3 500 ml	4 500 ml	5 1,000 ml	6 1,000 ml	7 1,890 ml	8 1,890 ml	9	10	11	12	13	14	15	SAMPLE TYPE	POTENTIAL HAZARD
1	5-9-94		17:30				Well O	7	1	1	1	1	1	1	1										
2	"		17:10				Well F-3	7	1	1	1	1	1	1	1										
3	"		16:35				Well GW-6	7	1	1	1	1	1	1	1										
4	"		15:45				Well D-3	7	1	1	1	1	1	1	1										
5	"		15:25				Well GW-5	7	1	1	1	1	1	1	1										
6	"		13:00				Well T	7	1	1	1	1	1	1	1										
7	"		12:40				Well L-2	7	1	1	1	1	1	1	1										
8	"		11:20				Well B-2	7	1	1	1	1	1	1	1										
9	"		10:50				Well N	7	1	1	1	1	0	1	1	1									
10	"		9:00				Well A-3	7	1	1	1	1	1	1	1										

CONTAINERS (PARAMETERS ON BACK)

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)
Ernest Anderson	5-9-94 18:00	Jean Whisonant	Jean Whisonant	5/10/94 8:00 pm	Sealed and sent to D+F

RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED FOR LAB BY: (SIGNATURE)	DATE / TIME	CLIENT CONTACT:	
		Lisa S. McCall	5.10.94 08:00	RESULTS SENT TO:	DATE:

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