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NEVADA GOLDFIELDS INC.
BARITE HILL PROJECT
McCormick County SC

DHEC MONITOR WELLS
BI-ANNUAL REPORT

RECEIVED
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WATER QUALITY ASSESSMENT
AND ENFORCEMENT DIVISION

MONITOR WELL - A3 UPGRADIENT

LOCATION 20242.910, 6753.730

COLLAR ELEVATION - 486.100
DEPTH OF WELL - 70 FT

DATE	8/28/91	9/12/91	2/27/92	5/14/92	8/25/92	11/23/92	2/24/93
DEPTH TO WATER	46.27	46.18	50.82	52.21	52.65	49.89	46.06
WATER ELEVATION	439.83	439.92	435.28	433.89	433.45	436.21	440.04
Silver	<0.01	<0.010	<0.010	<0.010	<0.01	<0.01	<0.01
Aluminum	51	71	16.6	1.9	2.6	2.63	1.16
Barium	0.53	0.11	0.23	0.11	0.10	0.098	0.129
Calcium	4		0.6	<1	<1	0.272	
Cadmium	0.006	<0.005	<0.005	<0.005	<0.005	<0.001	<0.00100
Chromium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.0020
Copper	1	0.06	0.28	0.07	0.04	0.060	0.042
Copper (Dissolved)							
Iron	128	95	28.2	5.9	3.0	5.13	2.29
Potassium	3	<2	2	<2	<2	<0.40	
Magnesium	1	50	0.38	<1	<1	<0.20	
Manganese	0.31	3	0.06	0.02	0.01	0.018	
Sodium	9	24	8	9	10	11.3	
Nickel	<0.02	0.10	<0.02	<0.02	<0.02	<0.0040	<0.0040
Zinc	0.34	0.38	0.09	0.06	<0.02	0.021	0.020
Mercury	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Arsenic	<0.005	<0.024	<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
Selenium	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
TOC	1	<1	1	2	1	3	1
Alkalinity	14	128	11	12	7.4	11.6	
Chloride	5	45	5	5	5	5	5
Fluoride	0.20	0.60		0.1	<0.1	0.1	
pH (Lab)	5.64	7.08	5.40	5.46	5.75		
pH (Field)			5.40	5.56	5.17	5.27	4.64

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Sulfate	7	<12	4	5	4	4	<3
Spec. Cond.	40	310	50	53	61	65	43
Temperature	21	8	16.1	18.9	18	16	15
Ammonia N	0.1	0.35	<0.1	<0.1	0.2	<0.1	
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
Cyanide (total)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.006
TDS	116	38	56	42	58	33	17
TSS							

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MONITOR WELL - A3

LOCATION 20242.910, 6753.730

COLLAR ELEVATION -
DEPTH OF WELL -

DATE	5/19/93	8/17/93	11/15/93	2/14/94	5/9/94	8/8/94	11/30/94	5/30/95
DEPTH TO WATER	43.14	44.22	46.91	48.06	49.08	50.93	49.64	47.72
WATER ELEVATION	442.96	441.88	439.19	438.04	437.02	435.17	436.46	438.38
Silver	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	<0.002	<0.010
Aluminum	1.19	0.236	0.501	0.247	4.04	8.17	0.307	0.143
Barium	0.149	0.100	0.130	0.144	0.197	0.274	0.135	0.136
Calcium			0.262				<0.2	<1.0
Cadmium	<0.00100	<0.001	<0.001	<0.0050	<0.0050	<0.0050	<0.001	<0.0050
Chromium	<0.0020	<0.002	<0.002	<0.010	<0.010	<0.010	<0.002	<0.010
Copper	0.042	0.016	0.034	0.031	0.101	0.245	0.021	0.016
Copper (Dissolved)						0.015		0.020
Iron	2.11	0.425	1.57	0.609	8.25	20.9	0.671	0.139
Potassium			<0.4				<0.4	<2.0
Magnesium			<0.2				<0.2	<1.0
Manganese			0.009				0.003	<0.010
Sodium			5.45				3.13	3.56
Nickel	<0.0040	0.017	<0.004	<0.020	<0.020	<0.020	<0.004	<0.020
Zinc	0.038	0.086	0.027	0.056	0.044	0.061	0.016	<0.020
Mercury	<0.0002	<0.0002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Arsenic	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050
Lead	<0.005	<0.005	<0.005	<0.005	0.0089	0.0148	<0.0050	<0.0050
Selenium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050
TOC	3	3	1.4	1.6	3.6	2.1	1.2	1.1
Alkalinity			2.8				<1.0	<1.0
Chloride	5	5	4.1	4.0	3.6	3.6	3.7	3.7
Fluoride			0.15				<0.10	<0.10
pH (Lab)		5.4	5.3	5.0	5.1	5.3		4.8
pH (Field)	4.54	4.81	4.94	4.6	5.16	4.77	4.81	4.7

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DATE	5/19/93	8/17/93	11/15/93	2/14/94	5/9/94	8/8/94	11/30/94	5/30/95
Sulfate	<3	4	<3.0	<3.0	<15	<12	<3.0	<3.0
Spec. Cond.	41	45	45	46	36	17	30	28
Temperature	18	19	19.3	16.3	16.4	18.4	14.2	19
Ammonia N			<0.10				0.16	<0.10
Nitrite N							<0.050	<0.050
Nitrate N	0.34	0.27	0.293	0.308	0.485	0.279	0.283	0.229
Cyanide (total)	<0.006	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
TDS	57	24	32	29	27	50	41	51
TSS						1160		

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MONITOR WELL - A3

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COLLAR ELEVATION -
DEPTH OF WELL -

DATE	11/27/95	5/22/96	00/0096	00/00/97	00/00/97	00/00/98	00/00/98	00/00/99
DEPTH TO WATER	48.33	45.95						
WATER ELEVATION	437.77	440.15						
Silver	<0.010	<0.010						
Aluminum	0.195	0.12						
Barium	0.133	0.14						
Calcium	<1.0	<1.0						
Cadmium	<0.0050	<0.005						
Chromium	<0.010	<0.010						
Copper	0.016	0.016						
Copper (Dissolved)	0.013	0.012						
Iron	0.305	0.2						
Potassium	<2.0	<2.0						
Magnesium	<1.0	<1.0						
Manganese	<0.010	<0.010						
Sodium	3.45	2.9						
Nickel	<0.020	<0.020						
Zinc	0.022	0.038						
Mercury	<0.00020	<0.00020						
Arsenic	<0.0050	<0.0050						
Lead	<0.0050	<0.0050						
Selenium	<0.0050	<0.0050						
TOC	1	<1.0						
Alkalinity	<1.0	<2.0						
Chloride	3.68	3.8						
Fluoride	<0.10	<0.10						
pH (Lab)	5.2	4.8						
pH (Field)	4.2	4.1						

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DEPTH OF WELL -

DATE	11/27/95	5/22/96	00/0096	00/00/97	00/00/97	00/00/98	00/00/98	00/00/99
Sulfate	1.17	2						
Spec. Cond.	27	29						
Temperature	18	20						
Ammonia N	<0.10	<0.10						
Nitrite N	<0.10	<0.10						
Nitrate N	0.2	0.22						
Cyanide (total)	<0.0050	<0.0050						
TDS	69	16.2						
TSS								