Sample	Total Volume	INSOLUBLE PARTICULATE					SOLUBLE PARTICULATE					TOTAL PARTICULATE
		Tare Weight	Filtrate Volume	Dish + Filter Weight	Filtrate Particulate	Deposition Rate	Tare Weight	Filtrate Volume	Dish + Filter Weight	Filtrate Particulate	Deposition Rate	Deposition Rate
	ml	g	ml	g	g	mg/ (100cm2·30d)	g	ml	g	g	mg/ (100cm2·30d)	mg/ (100cm2·30d)
M2112-A1	3270	51.6121	200	51.6130	0.0009	7.5	47.5220	200	47.5264	0.0044	36.6	44.1
M2112-A2	3268	44.4905	200	44.4903	0.0000	0.0	48.7986	200	48.8016	0.0030	25.0	25.0
M2112-A3	3669	47.4643	200	47.4646	0.0003	2.8	44.8129	200	44.8155	0.0026	24.3	27.1
M2112-B1	3508	51.6106	200	51.6115	0.0009	8.0	50.5521	200	50.5552	0.0031	27.7	35.7
M2112-B2	2529	44.4916	200	44.4931	0.0015	9.7	47.4522	200	47.4555	0.0033	21.3	30.9
M2112-B3	2953	47.4718	200	47.4723	0.0005	3.8	50.3708	200	50.3733	0.0025	18.8	22.6
M2112-C1	2836	47.8917	217	47.8991	0.0074	49.3	47.5202	217	47.5253	0.0051	33.9	83.2
M2112-C2	3033	47.4685	465	47.4771	0.0086	28.6	49.0980	465	49.1041	0.0061	20.3	48.8
M2112-C3	3311	50.9923	458	51.0024	0.0101	37.2	44.0401	458	44.0496	0.0095	35.0	72.2
M2112-D1	2772	50.8092	500	50.8194	0.0102	28.8	51.1769	500	51.1826	0.0057	16.1	44.9
M2112-D2	1821	50.8125	200	50.8134	0.0009	4.2	44.8127	200	44.8153	0.0026	12.1	16.2
M2112-D3	2765	47.8938	200	47.8963	0.0025	17.6	47.0277	200	47.0304	0.0027	19.0	36.6
M2112-E1	3798	50.9886	200	50.9901	0.0015	14.5	48.7978	200	48.8015	0.0037	35.8	50.3
M2112-E2	3900	44.4819	200	44.4829	0.0010	9.9	50.5519	200	50.5538	0.0019	18.9	28.8
M2112-E3	3590	49.5359	200	49.5377	0.0018	16.5	50.3704	200	50.3729	0.0025	22.9	39.3
M2112-F1	3370	47.9683	200	47.9659	0.0000	0.0	47.4518	200	47.4545	0.0027	23.2	23.2
M2112-F2	3600	51.6053	200	51.6059	0.0006	5.5	47.0276	200	47.0299	0.0023	21.1	26.6
M2112-F3	3655	49.5383	200	49.5372	0.0000	0.0	44.8123	200	44.8152	0.0029	27.0	27.0
M2112-G1	3757	47.9607	200	47.9597	0.0000	0.0	48.7981	200	48.8000	0.0019	18.2	18.2
M2112-G2*												
M2112-G3*												

Note:
* Unable to process samples.

Soluble and insoluble particulate (spring).

Sample	Total Volume	INSOLUBLE PARTICULATE					SOLUBLE PARTICULATE					TOTAL
		Tare Weight	Filtrate Volume	Dish + Filter Weight	Filtrate Particulate	Deposition Rate	Tare Weight	Filtrate Volume	Dish + Filter Weight	Filtrate Particulate	Deposition Rate	Deposition Rate
	ml	g	ml	g	g	mg/ (100cm2·30d)	g	ml	g	g	mg/ (100cm2·30d)	mg/ (100cm2·30d)
M2112-A1	603	44.4981	603	44.5239	0.0258	12.7	48.8056	603	48.8108	0.0052	2.6	15.3
M2112-A2	580	47.9038	580	47.9146	0.0108	5.3	50.5598	580	50.5636	0.0038	1.9	7.2
M2112-A3	581	47.4791	581	47.4828	0.0037	1.8	44.8190	581	44.8231	0.0041	2.0	3.8
M2112-B1	332	51.6165	332	51.6215	0.0050	2.5	44.0446	332	44.0565	0.0119	5.9	8.3
M2112-B2	306	47.9712	306	47.9704	-0.0008	-0.4	47.4524	306	47.4626	0.0102	5.0	4.6
M2112-B3	300	50.8199	300	50.8292	0.0093	4.6	47.0270	300	47.0379	0.0109	5.4	10.0
M2112-C1	298	51.6055	298	51.6203	0.0148	7.3	50.5522	298	50.5673	0.0151	7.5	14.8
M2112-C2	305	47.9613	305	47.9730	0.0117	5.8	48.7984	305	48.8116	0.0132	6.5	12.3
M2112-C3*					0.0154	0.0				0.0132	0.0	15.0
M2112-D1		44.4808		44.5390	0.0582	0.0						31.0
M2112-D2***												
M2112-D3***												
M2112-E1	525	47.9616	525	47.9545	0.0000	0.0	44.8133	525	44.8178	0.0045	2.2	2.2
M2112-E2	555	47.8879	555	47.8979	0.0100	4.9	50.3709	555	50.3735	0.0026	1.3	6.2
M2112-E3***												
M2112-F1	632	50.9831	632	51.0032	0.0201	9.9	44.0383	632	44.0606	0.0223	11.0	20.9
M2112-F2	635	49.2306	635	49.2520	0.0214	10.6	48.2753	635	48.2989	0.0236	11.6	22.2
M2112-F3***												
M2112-G1	429	47.4672	429	47.4944	0.0272	13.4	44.3414	429	44.3659	0.0245	12.1	25.5
M2112-G2	409	51.6051	409	51.6354	0.0303	15.0	47.5158	409	47.5378	0.0220	10.9	25.8
M2112-G3***												8.8

Notes:

* Sample analysis done by Maxxam Analytics (sample C3).

** Sample D1 too high in particulate to determine weight of soluble particulate.

*** Unable to process samples.

Soluble and insoluble particulate (summer).

MDH Engineered Solutions Corp
Maxxam Job #: B0B0368
Client Project #: M2112
Report Date: 2010/08/31
Project name: FORTUNE MINERALS, LANGHAM
Sampler Initials:

ELEMENTS BY ICP/MS (WATER)

Maxxam ID		GV3445		
Sampling Date		13/08/2010		
COC Number		EA171710		
	Units	**M2112-C3**	**RDL**	**QC Batch**
Metals				
Soluble Aluminum (Al)	ug	<13	13	2244664
Soluble Antimony (Sb)	ug	<0.63	0.63	2244664
Soluble Arsenic (As)	ug	<0.63	0.63	2244664
Soluble Barium (Ba)	ug	11.7	0.63	2244664
Soluble Beryllium (Be)	ug	<0.38	0.38	2244664
Soluble Bismuth (Bi)	ug	<0.63	0.63	2244664
Soluble Boron (B)	ug	12.4	2.5	2244664
Soluble Cadmium (Cd)	ug	<0.13	0.13	2244664
Soluble Calcium (Ca)	ug	1070	25	2244664
Soluble Chromium (Cr)	ug	<0.63	0.63	2244664
Soluble Cobalt (Co)	ug	<0.38	0.38	2244664
Soluble Copper (Cu)	ug	1.23	0.38	2244664
Soluble Iron (Fe)	ug	<6.3	6.3	2244664
Soluble Lead (Pb)	ug	<0.38	0.38	2244664
Soluble Magnesium (Mg)	ug	310	6.3	2244664
Soluble Manganese (Mn)	ug	<0.63	0.63	2244664
Soluble Molybdenum (Mo)	ug	<0.38	0.38	2244664
Soluble Nickel (Ni)	ug	<0.63	0.63	2244664
Soluble Potassium (K)	ug	232	63	2244664
Soluble Selenium (Se)	ug	<1.3	1.3	2244664
Soluble Silver (Ag)	ug	<0.13	0.13	2244664
Soluble Sodium (Na)	ug	712	32	2244664
Soluble Strontium (Sr)	ug	7.63	0.63	2244664
Soluble Thallium (Tl)	ug	<0.63	0.63	2244664
Soluble Tin (Sn)	ug	0.41	0.38	2244664
Soluble Titanium (Ti)	ug	<1.3	1.3	2244664
Soluble Uranium (U)	ug	<0.32	0.32	2244664
Soluble Vanadium (V)	ug	<0.38	0.38	2244664
Soluble Zinc (Zn)	ug	<6.3	6.3	2244664

RDL = Reportable Detection Limit
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch

Soluble metals M2112-C3 (summer).

MDH Engineered Solutions Corp
Maxxam Job #: B0B0368
Client Project #: M2112
Report Date: 2010/08/31
Project name: FORTUNE MINERALS, LANGHAM
Sampler Initials:

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		GV3445		
Sampling Date		13/08/2010		
COC Number		EA171710		
	Units	**M2112-C3**	**RDL**	**QC Batch**
Metals				
Insoluble Aluminum (Al)	ug	180	2	2245290
Insoluble Antimony (Sb)	ug	<0.05	0.05	2245290
Insoluble Arsenic (As)	ug	0.12	0.05	2245290
Insoluble Barium (Ba)	ug	26	0.05	2245290
Insoluble Beryllium (Be)	ug	<0.03	0.03	2245290
Insoluble Bismuth (Bi)	ug	<0.05	0.05	2245290
Insoluble Boron (B)	ug	140	1	2245290
Insoluble Cadmium (Cd)	ug	0.06	0.01	2245290
Insoluble Calcium (Ca)	ug	550	5	2245290
Insoluble Chromium (Cr)	ug	0.70	0.05	2245290
Insoluble Cobalt (Co)	ug	0.12	0.03	2245290
Insoluble Copper (Cu)	ug	1.6	0.03	2245290
Insoluble Iron (Fe)	ug	240	5	2245290
Insoluble Lead (Pb)	ug	1.1	0.03	2245290
Insoluble Magnesium (Mg)	ug	220	1	2245290
Insoluble Manganese (Mn)	ug	12	0.05	2245290
Insoluble Molybdenum (Mo)	ug	<0.03	0.03	2245290
Insoluble Nickel (Ni)	ug	0.58	0.05	2245290
Insoluble Potassium (K)	ug	120	5	2245290
Insoluble Selenium (Se)	ug	<0.1	0.1	2245290
Insoluble Silver (Ag)	ug	0.02	0.01	2245290
Insoluble Sodium (Na)	ug	1700	5	2245290
Insoluble Strontium (Sr)	ug	1.5	0.05	2245290
Insoluble Thallium (Tl)	ug	0.0050	N/A	2245290
Insoluble Tin (Sn)	ug	0.10	0.03	2245290
Insoluble Titanium (Ti)	ug	5.3	0.1	2245290
Insoluble Uranium (U)	ug	0.02	0.01	2245290
Insoluble Vanadium (V)	ug	0.40	0.03	2245290
Insoluble Zinc (Zn)	ug	27	0.5	2245290

RDL = Reportable Detection Limit
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch

Insoluble metals M2112-C3 (summer).

MDH Engineered Solutions Corp
Maxxam Job #: B0F0742
Client Project #:
Report Date: 2010/11/15
Project name:
Sampler Initials:

RESULTS OF ANALYSES OF WATER

Maxxam ID		HP2703	HP2704	HP2705	HP2706	HP2707	HP2708	HP2709	HP2710		HP2711		HP2712	HP2713
Sampling Date		10/21/2010	10/21/2010	10/21/2010	10/21/2010	10/21/2010	10/21/2010	10/21/2010	10/21/2010		10/21/2010		10/21/2010	10/21/2010
COC Number		A014551	A014551	A014551	A014551	A014551	A014551	A014551	A014551		A014551		A014551	A014551
	Units	**M2112-A1**	**M2112-A2**	**M2112-A3**	**M2112-B1**	**M2112-B2**	**M2112-B3**	**M2112-C1**	**M2112-C2**	**QC Batch**	**M2112-C3**	**QC Batch**	**M2112-D1**	**M2112-D2**
Insoluble Particulate	mg	23.1	33.1	26.9	29.6	27.0	26.1	14.3	18.6	2323385	19.7	2323415	30.0	23.9
Soluble Particulate	mg	5.70	12.5	13.6	7.90	9.90	7.60	8.60	7.60	2324392	5.60	2324399	7.20	13.8

Maxxam ID		HP2714	HP2715	HP2716	HP2717	HP2718	HP2719	HP2720	HP2721	HP2722	HP2723		
Sampling Date		10/21/2010	10/21/2010	10/21/2010	10/21/2010	10/21/2010	10/21/2010	10/21/2010	10/21/2010	10/21/2010	10/21/2010		
COC Number		A014551	A014551	A014551	A014551	A014551	A014551	A014551	A014551	A014551	A014551		
	Units	**M2112-D3**	**M2112-E1**	**M2112-E2**	**M2112-E3**	**M2112-F1**	**M2112-F2**	**M2112-F3**	**M2112-G1**	**M2112-G2**	**M2112-G3**	**RDL**	**QC Batch**
Insoluble Particulate	mg	27.7	25.6	24.4	27.9	18.5	16.2	17.9	19.7	16.5	18.0	0.30	2323385
Soluble Particulate	mg	7.70	8.50	7.80	8.10	8.60	11.0	8.20	7.90	7.60	7.50	0.30	2324392

RDL = Reportable Detection Limit
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch

Soluble and insoluble particulate (fall).

MDH Engineered Solutions Corp
Maxxam Job #: B0F0742
Client Project #:
Report Date: 2010/11/15
Project name:
Sampler Initials:

ELEMENTS BY ICP/MS (WATER)

Maxxam ID		HP2711	HP2711		
Sampling Date		10/21/2010	10/21/2010		
COC Number		A014551	A014551		
	Units	**M2112-C3**	**M2112-C3 Lab-Dup**	**RDL**	**QC Batch**
Metals					
Soluble Aluminum (Al)	ug	<8.0	<8.0	8.0	2324319
Soluble Antimony (Sb)	ug	<0.40	<0.40	0.40	2324319
Soluble Arsenic (As)	ug	<0.40	<0.40	0.40	2324319
Soluble Barium (Ba)	ug	2.48	2.56	0.40	2324319
Soluble Beryllium (Be)	ug	<0.24	<0.24	0.24	2324319
Soluble Bismuth (Bi)	ug	<0.40	<0.40	0.40	2324319
Soluble Boron (B)	ug	5.1	4.1	1.6	2324319
Soluble Cadmium (Cd)	ug	<0.080	<0.080	0.080	2324319
Soluble Calcium (Ca)	ug	747	728	16	2324319
Soluble Chromium (Cr)	ug	<0.40	<0.40	0.40	2324319
Soluble Cobalt (Co)	ug	<0.24	<0.24	0.24	2324319
Soluble Copper (Cu)	ug	1.21	1.30	0.24	2324319
Soluble Iron (Fe)	ug	8.5	<4.0	4.0	2324319
Soluble Lead (Pb)	ug	0.83	0.80	0.24	2324319
Soluble Magnesium (Mg)	ug	123	114	4.0	2324319
Soluble Manganese (Mn)	ug	1.05	0.96	0.40	2324319
Soluble Molybdenum (Mo)	ug	<0.24	<0.24	0.24	2324319
Soluble Nickel (Ni)	ug	<0.40	<0.40	0.40	2324319
Soluble Potassium (K)	ug	183	174	40	2324319
Soluble Selenium (Se)	ug	<0.80	<0.80	0.80	2324319
Soluble Silver (Ag)	ug	<0.080	<0.080	0.080	2324319
Soluble Sodium (Na)	ug	407	370	20	2324319
Soluble Strontium (Sr)	ug	2.24	2.16	0.40	2324319
Soluble Thallium (Tl)	ug	<0.40	<0.40	0.40	2324319
Soluble Tin (Sn)	ug	<0.24	<0.24	0.24	2324319
Soluble Titanium (Ti)	ug	<0.80	<0.80	0.80	2324319
Soluble Uranium (U)	ug	<0.20	<0.20	0.20	2324319
Soluble Vanadium (V)	ug	<0.24	<0.24	0.24	2324319
Soluble Zinc (Zn)	ug	<4.0	<4.0	4.0	2324319

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch

Soluble metals M2112-C3 (fall).

MDH Engineered Solutions Corp

Maxxam Job #: B0F0742
Report Date: 2010/11/15

Client Project #:
Project name:
Sampler Initials:

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		HP2711	HP2711		
Sampling Date		10/21/2010	10/21/2010		
COC Number		A014551	A014551		
	Units	**M2112-C3**	**M2112-C3 Lab-Dup**	**RDL**	**QC Batch**
Metals					
Insoluble Aluminum (Al)	ug	220	220	2	2324375
Insoluble Antimony (Sb)	ug	<0.05	<0.05	0.05	2324375
Insoluble Arsenic (As)	ug	0.16	0.15	0.05	2324375
Insoluble Barium (Ba)	ug	22	22	0.05	2324375
Insoluble Beryllium (Be)	ug	<0.03	<0.03	0.03	2324375
Insoluble Bismuth (Bi)	ug	0.06	0.06	0.05	2324375
Insoluble Boron (B)	ug	180	180	1	2324375
Insoluble Cadmium (Cd)	ug	0.02	0.02	0.01	2324375
Insoluble Calcium (Ca)	ug	1100	1100	5	2324375
Insoluble Chromium (Cr)	ug	0.65	0.64	0.05	2324375
Insoluble Cobalt (Co)	ug	0.15	0.15	0.03	2324375
Insoluble Copper (Cu)	ug	1.9	1.9	0.03	2324375
Insoluble Iron (Fe)	ug	350	360	5	2324375
Insoluble Lead (Pb)	ug	0.48	0.47	0.03	2324375
Insoluble Magnesium (Mg)	ug	460	450	1	2324375
Insoluble Manganese (Mn)	ug	14	14	0.05	2324375
Insoluble Molybdenum (Mo)	ug	<0.03	<0.03	0.03	2324375
Insoluble Nickel (Ni)	ug	0.80	0.79	0.05	2324375
Insoluble Potassium (K)	ug	130	130	5	2324375
Insoluble Selenium (Se)	ug	<0.1	<0.1	0.1	2324375
Insoluble Silver (Ag)	ug	<0.01	<0.01	0.01	2324375
Insoluble Sodium (Na)	ug	1900	1800	5	2324375
Insoluble Strontium (Sr)	ug	1.5	1.5	0.05	2324375
Insoluble Thallium (Tl)	ug	0.0070	0.0070	N/A	2324375
Insoluble Tin (Sn)	ug	0.07	0.06	0.03	2324375
Insoluble Titanium (Ti)	ug	7.3	7.2	0.1	2324375
Insoluble Uranium (U)	ug	0.03	0.02	0.01	2324375
Insoluble Vanadium (V)	ug	0.53	0.52	0.03	2324375
Insoluble Zinc (Zn)	ug	20	20	0.5	2324375

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch

Insoluble metals M2112-C3 (fall).

Maxxam Job #: B136567
Report Date: 2011/04/06

MDH Engineered Solutions Corp
Client Project #: ASTM D1739-98
Project name:
Sampler Initials:

RESULTS OF ANALYSES OF WATER

Maxxam ID		IY2480		IY2481		IY2482		IY2483		IY2484		IY2485		IY2486		IY2487		IY2488		IY2489		IY2490
Sampling Date		3/15/2011		3/15/2011		3/15/2011		3/15/2011		3/15/2011		3/15/2011		3/15/2011		3/15/2011		3/15/2011		3/15/2011		3/15/2011
COC Number		a014114		a014114		a014114		a014114		a014114		a014114		a014114		a014114		a014114		a014114		a014114
	Units	**M 2112-A 1**	**RDL**	**M 2112-A 2**	**RDL**	**M 2112-A 3**	**RDL**	**M 2112-B 1**	**RDL**	**M 2112-B 2**	**RDL**	**M 2112-B 3**	**RDL**	**M 2112-C 1**	**RDL**	**M 2112-C 2**	**RDL**	**M 2112-C 3**	**RDL**	**M 2112-D 1**	**RDL**	**M 2112-D 2**
Insoluble Particulate	mg	22.8	0.30	15.1	0.30	12.1	0.30	3.30	0.30	1.20	0.30	1.60	0.30	3.40	0.30	4.20	0.30	3.50	0.30	13.6	0.30	8.10
Soluble Particulate	mg	7.0	1.3	5.8	1.2	7.00	0.90	3.4	1.2	1.4	1.0	1.8	1.1	3.2	1.2	5.0	1.4	7.6	1.5	9.2	1.3	10.0
Charge/Prep Analysis																						
Volume of sample	ml	170	N/A	140	N/A	130	N/A	140	N/A	110	N/A	130	N/A	140	N/A	220	N/A	330	N/A	190	N/A	260

Maxxam ID		IY2491		IY2492		IY2493		IY2494		IY2495		IY2496		IY2497		IY2498	IY2499			IY2501		
Sampling Date		3/15/2011		3/15/2011		3/15/2011		3/15/2011		3/15/2011		3/15/2011		3/15/2011		3/15/2011	3/15/2011			3/15/2011		
COC Number		a014114		a014114		a014114		a014114		a014114		a014114		a014114		a014114	a014114			a014114		
	Units	**M 2112-D 3**	**RDL**	**M 2112-E 1**	**RDL**	**M 2112-E 2**	**RDL**	**M 2112-E 3**	**RDL**	**M 2112-F 1**	**RDL**	**M 2112-F 2**	**RDL**	**M 2112-F 3**	**RDL**	**M 2112-G 1**	**M 2112-G 2**	**RDL**	**QC Batch**	**M 2112-G 3**	**RDL**	**QC Batch**
Insoluble Particulate	mg	5.50	0.30	7.20	0.30	4.50	0.30	4.10	0.30	264	0.30	5.80	0.30	5.70	0.30	5.20	4.80	0.30	2436836	8.90	0.30	2436839
Soluble Particulate	mg	5.0	1.4	5.8	1.1	5.0	1.2	3.6	1.1	9.80	0.90	5.4	1.5	4.4	1.4	5.8	4.2	1.6	2436837	10.6	0.30	2436840
Charge/Prep Analysis																						
Volume of sample	ml	210	N/A	130	N/A	150	N/A	120	N/A	120	N/A	300	N/A	250	N/A	440	430	N/A	2436838	490	N/A	2436841

RDL = Reportable Detection Limit
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch

Soluble and insoluble particulate (winter).

MDH Engineered Solutions Corp
Maxxam Job #: B0F0742
Client Project #:
Report Date: 2010/11/15
Project name:
Sampler Initials:

ELEMENTS BY ICP/MS (WATER)

Maxxam ID		HP2711	HP2711		
Sampling Date		10/21/2010	10/21/2010		
COC Number		A014551	A014551		
	Units	**M2112-C3**	**M2112-C3 Lab-Dup**	**RDL**	**QC Batch**
Metals					
Soluble Aluminum (Al)	ug	<8.0	<8.0	8.0	2324319
Soluble Antimony (Sb)	ug	<0.40	<0.40	0.40	2324319
Soluble Arsenic (As)	ug	<0.40	<0.40	0.40	2324319
Soluble Barium (Ba)	ug	2.48	2.56	0.40	2324319
Soluble Beryllium (Be)	ug	<0.24	<0.24	0.24	2324319
Soluble Bismuth (Bi)	ug	<0.40	<0.40	0.40	2324319
Soluble Boron (B)	ug	5.1	4.1	1.6	2324319
Soluble Cadmium (Cd)	ug	<0.080	<0.080	0.080	2324319
Soluble Calcium (Ca)	ug	747	728	16	2324319
Soluble Chromium (Cr)	ug	<0.40	<0.40	0.40	2324319
Soluble Cobalt (Co)	ug	<0.24	<0.24	0.24	2324319
Soluble Copper (Cu)	ug	1.21	1.30	0.24	2324319
Soluble Iron (Fe)	ug	8.5	<4.0	4.0	2324319
Soluble Lead (Pb)	ug	0.83	0.80	0.24	2324319
Soluble Magnesium (Mg)	ug	123	114	4.0	2324319
Soluble Manganese (Mn)	ug	1.05	0.96	0.40	2324319
Soluble Molybdenum (Mo)	ug	<0.24	<0.24	0.24	2324319
Soluble Nickel (Ni)	ug	<0.40	<0.40	0.40	2324319
Soluble Potassium (K)	ug	183	174	40	2324319
Soluble Selenium (Se)	ug	<0.80	<0.80	0.80	2324319
Soluble Silver (Ag)	ug	<0.080	<0.080	0.080	2324319
Soluble Sodium (Na)	ug	407	370	20	2324319
Soluble Strontium (Sr)	ug	2.24	2.16	0.40	2324319
Soluble Thallium (Tl)	ug	<0.40	<0.40	0.40	2324319
Soluble Tin (Sn)	ug	<0.24	<0.24	0.24	2324319
Soluble Titanium (Ti)	ug	<0.80	<0.80	0.80	2324319
Soluble Uranium (U)	ug	<0.20	<0.20	0.20	2324319
Soluble Vanadium (V)	ug	<0.24	<0.24	0.24	2324319
Soluble Zinc (Zn)	ug	<4.0	<4.0	4.0	2324319

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch

Soluble metals M2112-C3 (winter).

MDH Engineered Solutions Corp
Maxxam Job #: B0F0742
Report Date: 2010/11/15
Client Project #:
Project name:
Sampler Initials:

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		HP2711	HP2711		
Sampling Date		10/21/2010	10/21/2010		
COC Number		A014551	A014551		
	Units	**M2112-C3**	**M2112-C3 Lab-Dup**	**RDL**	**QC Batch**
Metals					
Insoluble Aluminum (Al)	ug	220	220	2	2324375
Insoluble Antimony (Sb)	ug	<0.05	<0.05	0.05	2324375
Insoluble Arsenic (As)	ug	0.16	0.15	0.05	2324375
Insoluble Barium (Ba)	ug	22	22	0.05	2324375
Insoluble Beryllium (Be)	ug	<0.03	<0.03	0.03	2324375
Insoluble Bismuth (Bi)	ug	0.06	0.06	0.05	2324375
Insoluble Boron (B)	ug	180	180	1	2324375
Insoluble Cadmium (Cd)	ug	0.02	0.02	0.01	2324375
Insoluble Calcium (Ca)	ug	1100	1100	5	2324375
Insoluble Chromium (Cr)	ug	0.65	0.64	0.05	2324375
Insoluble Cobalt (Co)	ug	0.15	0.15	0.03	2324375
Insoluble Copper (Cu)	ug	1.9	1.9	0.03	2324375
Insoluble Iron (Fe)	ug	350	360	5	2324375
Insoluble Lead (Pb)	ug	0.48	0.47	0.03	2324375
Insoluble Magnesium (Mg)	ug	460	450	1	2324375
Insoluble Manganese (Mn)	ug	14	14	0.05	2324375
Insoluble Molybdenum (Mo)	ug	<0.03	<0.03	0.03	2324375
Insoluble Nickel (Ni)	ug	0.80	0.79	0.05	2324375
Insoluble Potassium (K)	ug	130	130	5	2324375
Insoluble Selenium (Se)	ug	<0.1	<0.1	0.1	2324375
Insoluble Silver (Ag)	ug	<0.01	<0.01	0.01	2324375
Insoluble Sodium (Na)	ug	1900	1800	5	2324375
Insoluble Strontium (Sr)	ug	1.5	1.5	0.05	2324375
Insoluble Thallium (Tl)	ug	0.0070	0.0070	N/A	2324375
Insoluble Tin (Sn)	ug	0.07	0.06	0.03	2324375
Insoluble Titanium (Ti)	ug	7.3	7.2	0.1	2324375
Insoluble Uranium (U)	ug	0.03	0.02	0.01	2324375
Insoluble Vanadium (V)	ug	0.53	0.52	0.03	2324375
Insoluble Zinc (Zn)	ug	20	20	0.5	2324375

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
EDL = Estimated Detection Limit
QC Batch = Quality Control Batch

Insoluble metals M2112-C3 (winter).