



Bureau Veritas Minerals Pty Ltd



MINERAL TESTING & LABORATORY SERVICES

ABN: 30 008 127 802

58 Sorbonne Crescent Canning Vale
Perth WA 6155 Australia

Telephone (08) 9456 0404
Facsimile (08) 9456 0403

Reference: **u282156**
Date Finished: 01/12/2017
Order: NC_003
Project: Wollogorang
Date Received: 13/11/2017
Samples Analysed: **424**

FINAL ANALYSIS REPORT

Analysis of Mineral Samples

for

Northern Cobalt Ltd

67 Goodwood Rd Wayville SA 5034

Attention: Mr. M Schwarz

Authorised By:

Tom Lowther

Operations Manager

Bureau Veritas Minerals Pty Ltd



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	Au1 ppb	Pt ppb	Pd ppb	Ca %	Cr ppm	Fe %	K %	Mg %
Detection Limit	1	5	5	0.01	10	0.01	0.01	0.01
139695	2	<5	<5	2.75	20	4.63	8.61	2.59
139696	2	<5	<5	0.80	10	5.79	9.24	1.80
139697	5	<5	<5	1.09	20	6.60	8.14	2.67
139697 Rpt	5	<5	<5	1.08	20	6.56	6.72	2.65
139698	3	<5	<5	1.05	20	7.25	7.84	2.55
139699	3	<5	<5	0.96	20	7.00	8.45	2.56
Std Nominal	52	45	45	0.10	1.70%	47.5	<0.01	1.86
Determined	52	45	45	0.11	1.47%	47.8	0.01	1.88
139700	6	<5	<5	1.09	30	6.83	8.10	2.61
139701	2	<5	<5	0.68	30	8.24	7.85	2.68
139701 Rpt	4	<5	<5	0.70	20	8.25	7.96	2.73
139702	1	<5	<5	1.09	10	6.65	8.68	2.27
139703	2	<5	<5	0.68	20	8.97	7.50	3.17
139704	2	<5	<5	0.70	10	6.63	8.69	2.30
139705	3	<5	<5	7.74	10	5.40	5.87	5.28
139706	4	<5	<5	9.56	10	5.89	5.09	6.17
139707	2	<5	<5	2.99	<10	5.21	8.43	2.89
139708	3	<5	<5	1.22	<10	7.32	7.75	3.36
139709	13	<5	<5	1.18	<10	11.8	5.27	5.25
139710	3	<5	<5	0.79	<10	14.9	3.61	5.98
139711	1	<5	<5	4.58	<10	11.3	2.97	6.22
15412	2	<5	<5	15.3	<10	6.80	1.00	8.77
15413	7	<5	<5	14.3	<10	6.94	1.49	8.66
15414	5	<5	<5	12.3	<10	7.18	2.03	8.17
15415	9	<5	<5	11.2	<10	7.53	2.36	7.85
139712	6	<5	<5	0.83	40	7.18	7.96	1.70
139713	5	<5	<5	0.60	30	3.57	8.23	0.88
15425	11	<5	<5	0.20	30	2.45	6.30	0.86
Std Nominal	1.37M			1.53	1670	9.20	0.09	19.7
Determined	1.34M	<5	<5	1.48	1020	9.16	0.10	19.4
15426	28	<5	<5	0.25	40	2.83	9.20	1.07
15427	3	<5	<5	0.19	30	2.10	9.37	1.07
15427 Rpt	4	<5	<5	0.18	30	2.08	9.37	1.05
15428	3	<5	<5	0.13	20	1.39	5.64	0.68
15429	1	<5	<5	0.11	<10	0.69	1.81	0.13
15430	2	<5	<5	0.20	20	1.28	4.41	0.72
15431	2	<5	<5	0.14	10	1.04	3.40	0.55
15432	1	<5	<5	0.12	<10	0.86	2.51	0.34
139714	4	<5	5	1.71	20	2.34	4.98	1.72
139715	3	<5	<5	4.36	30	2.87	6.66	2.94
139716	2	<5	<5	4.84	30	5.00	7.08	3.68
139717	3	<5	<5	5.33	30	5.01	7.17	3.48



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	Au1 ppb	Pt ppb	Pd ppb	Ca %	Cr ppm	Fe %	K %	Mg %
Detection Limit	1	5	5	0.01	10	0.01	0.01	0.01
139718	3	<5	<5	3.61	40	4.91	7.43	2.76
139719	2	<5	<5	1.45	20	4.10	9.92	1.44
139720	IS	IS	IS	1.67	6820	24.7	0.13	1.19
139721	2	<5	<5	0.79	40	7.96	7.77	2.92
139722	2	<5	<5	0.78	20	6.43	8.98	2.29
139723	1	<5	<5	2.31	20	8.08	7.16	3.67
139723 Rpt	1	<5	<5	2.34	20	8.09	7.17	3.69
139724	3	<5	<5	1.71	20	5.28	8.98	2.13
139725	2	<5	<5	2.43	10	7.87	7.18	3.84
139726	<1	<5	<5	1.30	20	8.42	7.46	3.10
139727	<1	<5	<5	0.69	20	8.68	7.32	2.85
15488	4	<5	<5	0.48	40	7.28	8.11	2.56
15489	1	5	<5	0.39	30	6.50	8.28	2.32
15490	1	5	<5	13.1	10	5.19	2.81	8.12
15491	4	<5	<5	12.1	<10	4.77	3.81	7.49
15492	<1	<5	<5	16.2	<10	3.70	1.73	9.42
Std Nominal	860	910	690	8.22	30	6.27	0.21	4.52
Determined	885	905	690	8.22	10	6.41	0.20	4.54
15493	3	5	<5	13.9	<10	4.34	2.70	8.52
15494	<1	<5	<5	11.5	20	4.96	3.83	7.32
15495	4	5	<5	5.52	40	8.21	5.51	5.11
139728	12	<5	<5	2.32	<10	4.77	8.73	2.25
139729	<1	<5	<5	0.86	<10	6.59	8.53	2.41
139730	<1	<5	<5	1.69	<10	8.76	6.75	3.92
139730 Rpt	<1	<5	<5	1.75	<10	8.91	6.74	4.02
139731	<1	<5	<5	0.96	<10	15.2	3.14	6.44
15513	<1	<5	<5	0.81	<10	17.3	1.98	6.97
15514	3	<5	<5	3.39	<10	12.1	3.86	5.95
15515	2	<5	<5	3.47	<10	7.62	6.58	4.14
15515 Rpt	3	<5	<5	3.54	<10	7.66	6.58	4.15
15516	8	<5	<5	3.57	<10	8.18	6.53	4.44
15517	1	<5	<5	16.1	<10	4.19	1.78	8.93
15518	1	<5	<5	16.4	<10	4.85	1.07	9.58
15519	1	<5	<5	16.5	10	5.46	1.11	9.62
15520	IS	IS	IS	1.66	6560	24.5	0.11	1.22
15521	12	<5	<5	10.9	60	7.18	2.66	7.56
15522	3	<5	<5	1.20	20	1.18	11.6	0.25
15523	1	<5	<5	2.00	20	2.27	10.5	1.23
15524	1	<5	<5	0.82	30	1.00	11.8	0.19
15525	2	<5	<5	0.85	30	1.55	11.0	0.45
Std Nominal	2.42M			5.91	230	9.63	0.60	4.05
Determined	2.38M	<5	<5	5.83	160	9.59	0.62	3.98
15526	3	<5	<5	0.63	40	2.19	11.1	0.38



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	Au1 ppb	Pt ppb	Pd ppb	Ca %	Cr ppm	Fe %	K %	Mg %
Detection Limit	1	5	5	0.01	10	0.01	0.01	0.01
15527	4	<5	<5	0.40	30	2.35	9.25	0.86
15528	2	<5	<5	0.08	<10	0.70	2.79	0.12
15529	2	<5	<5	0.08	10	1.35	3.61	0.16
15529 Rpt	2	<5	<5	0.08	20	1.32	3.63	0.14
15530	1	<5	<5	0.19	40	1.37	7.94	0.54
15531	14	<5	<5	0.23	20	1.26	5.32	0.54
15532	15	<5	5	0.16	40	1.93	10.1	1.03
15533	3	<5	<5	0.10	30	2.09	7.99	0.75
15534	<1	<5	<5	0.15	20	1.29	6.34	0.38
15535	<1	<5	<5	0.08	<10	1.05	2.30	0.17
15536	1	<5	<5	0.10	20	1.03	3.63	0.33
15537	3	<5	<5	0.18	20	1.47	9.09	0.62
139732	12	<5	<5	2.82	40	3.42	7.66	2.79
139733	1	<5	<5	5.56	40	3.70	6.37	4.00
139734	<1	<5	<5	5.82	40	4.84	6.45	4.05
139735	1	<5	<5	5.28	30	5.15	6.80	3.56
139735 Rpt	<1	<5	<5	5.16	30	5.10	6.69	3.50
139736	1	<5	<5	6.88	30	5.79	6.13	4.51
139737	3	<5	<5	5.15	10	4.71	7.61	3.49
139738	2	<5	<5	4.54	20	6.49	7.79	3.21
139739	8	<5	<5	3.04	20	6.59	7.87	3.50
139740	IS	IS	IS	0.05	20	8.94	0.16	2.11
139741	1	<5	<5	2.24	20	7.40	7.08	3.51
139742	5	<5	<5	1.26	20	6.95	8.15	2.59
139743	5	<5	<5	0.70	20	6.36	8.92	1.99
139744	4	<5	<5	0.89	20	7.71	7.79	2.77
15589	2	<5	<5	0.81	20	8.19	7.42	3.27
15590	4	<5	<5	1.87	20	8.84	7.03	3.88
15590 Rpt	5	<5	<5	1.88	20	8.82	7.12	3.92
15591	2	<5	<5	2.06	20	6.41	8.24	2.55
15592	3	<5	<5	3.61	10	4.66	7.15	2.63
15593	2	<5	<5	3.34	20	4.98	8.14	2.91
15594	1	<5	<5	1.77	20	5.39	3.11	2.32
15595	1	<5	<5	1.68	<10	3.45	1.99	1.82
15596	2	<5	<5	0.32	20	4.47	2.58	1.43
15596 Rpt	3	<5	<5	0.32	20	4.46	2.58	1.42
15597	5	<5	<5	11.8	<10	5.05	2.35	7.40
15598	1	<5	<5	14.1	<10	4.22	2.72	8.27
15599	5	<5	<5	11.7	10	5.26	3.70	7.55
Std Nominal	4.94M			0.58	10	1.47	4.16	0.03
Determined	5.10M	<5	<5	0.58	<10	1.45	4.04	0.03
15600	IS	IS	IS	0.06	20	8.76	0.17	2.08
15601	39	<5	5	3.59	20	5.52	7.52	3.18



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	Au1 ppb	Pt ppb	Pd ppb	Ca %	Cr ppm	Fe %	K %	Mg %
Detection Limit	1	5	5	0.01	10	0.01	0.01	0.01
139745	8	<5	<5	5.46	<10	5.13	7.41	3.69
139746	<1	<5	<5	3.46	<10	6.22	7.76	3.29
139747	5	<5	<5	2.61	<10	9.51	5.60	4.56
139748	<1	<5	<5	1.24	<10	10.7	4.53	4.94
139749	<1	<5	<5	7.79	<10	7.99	3.65	6.40
139750	10	<5	<5	13.5	<10	7.02	2.05	8.20
15627	4	5	<5	0.08	120	20.1	2.85	0.26
Std Nominal	52	45	45	2.48	170	8.65	2.35	1.71
Determined	54	45	45	2.50	140	8.62	2.35	1.70
15628	1	<5	<5	0.10	20	2.58	1.76	0.13
15628 Rpt	3	<5	<5	0.09	20	2.57	1.79	0.12
15629	8	<5	<5	0.12	20	1.86	1.43	0.16
15630	9	<5	<5	0.07	30	3.55	2.90	0.27
15631	9	<5	<5	0.12	40	3.02	8.70	1.28
15632	2	<5	<5	0.16	10	1.51	3.36	0.36
15633	4	<5	5	0.09	10	1.55	2.76	0.38
15633 Rpt	3	<5	<5	0.10	<10	1.60	2.83	0.41
15634	15	<5	<5	0.13	20	3.33	3.84	0.47
15635	6	<5	<5	0.07	10	2.73	2.10	0.33
15636	4	<5	<5	0.06	10	2.40	3.03	0.49
15637	13	<5	<5	0.05	<10	2.27	2.56	0.30
15638	3	5	5	0.19	40	4.46	6.96	1.18
139751	2	<5	<5	1.08	30	3.51	7.45	1.84
139752	<1	<5	<5	4.27	30	3.44	6.65	2.95
139753	1	<5	<5	4.76	30	4.12	6.53	3.06
139754	1	<5	<5	3.77	30	4.82	6.41	2.65
139755	2	<5	<5	8.41	20	5.09	5.36	5.34
139756	1	<5	<5	3.69	10	8.09	7.36	3.37
139757	<1	<5	<5	3.47	10	9.95	5.48	4.81
139758	1	<5	<5	1.57	20	12.4	4.76	5.15
139759	1	<5	<5	0.91	20	10.0	6.53	3.61
139759 Rpt	3	<5	<5	0.93	20	10.2	6.63	3.71
139760	6	<5	<5	0.95	20	10.3	6.67	3.78
139761	3	<5	<5	1.90	20	7.40	7.97	3.01
139762	3	<5	<5	0.70	20	10.1	6.88	3.92
139763	4	<5	<5	0.73	20	8.82	7.45	3.01
139764	3	<5	<5	3.22	20	6.89	7.44	3.45
139765	4	<5	<5	11.8	10	5.93	3.41	7.44
139766	5	<5	<5	7.68	10	5.86	6.12	4.98
139767	13	<5	<5	3.58	<10	7.33	7.06	3.67
Std Nominal	1.37M			0.54	90	0.18	<0.01	26.6
Determined	1.34M	<5	<5	0.55	50	0.18	<0.01	27.0
139768	1	<5	<5	2.06	<10	10.3	5.88	4.24



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	Au1 ppb	Pt ppb	Pd ppb	Ca %	Cr ppm	Fe %	K %	Mg %
Detection Limit	1	5	5	0.01	10	0.01	0.01	0.01
139769	2	<5	<5	0.94	<10	10.1	5.97	3.97
139770	1	<5	<5	1.08	<10	12.8	4.26	5.21
15719	2	<5	<5	4.18	<10	8.92	6.21	4.42
15720	4	<5	<5	3.72	<10	8.74	6.01	4.18
15721	<1	<5	<5	9.99	<10	5.68	4.21	6.04
15722	2	<5	<5	16.7	<10	4.26	0.83	9.60
15722 Rpt	1	<5	<5	17.2	<10	4.30	0.83	9.54
15723	3	<5	<5	16.3	<10	5.64	1.06	9.17
15724	6	<5	<5	16.2	<10	5.56	1.03	9.21
15725	5	<5	<5	16.1	<10	5.54	1.31	9.31
15726	6	<5	<5	14.0	<10	5.72	2.25	8.20
15727	6	<5	<5	13.2	<10	6.25	2.19	8.09
15728	12	5	<5	8.52	10	8.23	3.63	6.97
15729	2	<5	<5	3.80	<10	10.0	4.70	5.57
15730	2	<5	<5	2.80	<10	9.02	4.24	4.92
15731	1	<5	<5	1.62	<10	10.3	4.19	5.35
15732	1	5	<5	0.47	130	20.0	1.01	0.75
15733	7	<5	<5	0.10	70	11.0	1.01	0.23
15734	10	<5	<5	0.07	40	6.82	1.45	0.23
15735	<1	<5	<5	0.12	20	1.93	8.40	0.88
15736	3	<5	<5	0.15	20	1.75	7.84	0.60
15736 Rpt	4	<5	<5	0.15	20	1.76	7.73	0.58
15737	1	<5	<5	0.08	<10	1.29	3.82	0.40
15738	1	<5	<5	0.13	20	2.27	5.02	1.02
15738 Rpt	<1	<5	<5	0.13	10	2.26	4.98	1.02
15739	<1	<5	<5	0.06	20	3.61	1.81	0.24
139771	20	<5	<5	2.27	20	3.25	5.68	2.06
139772	5	<5	<5	1.87	30	4.38	7.54	1.81
Std Nominal	860	910	690	0.20	2600	11.9	0.01	26.5
Determined	851	895	675	0.19	2080	12.1	0.02	26.8
139773	<1	<5	<5	2.46	30	3.96	7.11	2.04
139774	3	<5	<5	4.02	30	4.21	6.69	2.72
139775	1	<5	<5	7.23	30	5.71	5.21	4.84
139776	<1	<5	<5	3.92	20	5.09	8.71	2.79
139777	1	<5	<5	3.08	20	8.96	6.69	4.07
139778	1	<5	<5	2.37	20	9.56	6.76	4.14
139779	1	<5	<5	1.48	30	10.7	5.93	4.42
139780	IS	IS	IS	1.70	7060	24.8	0.12	1.24
139781	<1	<5	<5	1.44	30	10.6	5.06	4.50
139782	1	<5	<5	0.93	30	12.0	3.97	4.88
139783	1	<5	<5	1.25	30	11.9	4.71	5.07
139784	2	<5	<5	4.86	20	8.94	3.92	5.46
139785	2	<5	<5	13.8	10	5.90	2.36	8.36



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	Au1 ppb	Pt ppb	Pd ppb	Ca %	Cr ppm	Fe %	K %	Mg %
Detection Limit	1	5	5	0.01	10	0.01	0.01	0.01
139786	2	<5	<5	12.3	20	6.47	3.27	7.43
139787	1	<5	<5	3.89	10	7.51	6.99	3.44
139788	<1	<5	<5	1.83	<10	13.7	4.15	5.41
139789	1	<5	<5	0.77	<10	12.2	3.75	5.02
139790	1	<5	<5	0.93	<10	13.7	4.09	5.70
139791	1	<5	<5	7.08	<10	8.50	4.41	5.93
139791 Rpt	1	<5	<5	7.12	<10	8.63	4.46	6.03
139792	4	<5	<5	4.90	10	3.46	1.68	3.05
139793	5	<5	<5	1.91	10	4.10	3.20	2.06
139794	2	<5	<5	2.12	30	10.7	5.07	4.67
139795	1	<5	<5	0.20	50	7.16	1.51	0.27
139795 Rpt	2	<5	<5	0.19	40	7.27	1.45	0.26
139796	3	<5	<5	2.58	30	4.91	5.13	1.73
139797	2	<5	<5	4.29	30	4.40	6.69	2.64
Std Nominal	2.42M			14.0	180	7.52	0.02	7.83
Determined	2.44M	<5	<5	13.8	110	7.57	0.03	7.85
139798	2	<5	<5	3.96	30	4.52	6.71	2.50
139799	2	<5	<5	4.39	40	4.87	6.66	2.63
139800	IS	IS	IS	0.06	30	8.95	0.16	2.09
139801	2	<5	<5	2.80	30	4.21	5.51	1.71
139802	1	<5	<5	4.30	20	6.68	7.03	2.77
139803	1	<5	<5	2.78	20	10.9	5.42	4.20
139803 Rpt	3	<5	<5	2.79	10	11.0	5.47	4.30
139804	<1	<5	<5	1.94	20	10.9	5.38	4.15
139805	1	<5	<5	1.57	20	11.5	4.96	4.31
139806	<1	<5	<5	1.64	30	11.5	5.13	4.14
139807	<1	<5	<5	2.14	30	10.6	4.69	4.31
Std Nominal	4.94M			0.10	1.70%	47.5	<0.01	1.86
Determined	4.92M	<5	<5	0.10	1.59%	47.0	0.01	1.81
139808	1	<5	<5	1.56	30	9.60	5.00	3.87
139809	1	<5	<5	2.90	20	3.79	9.38	2.18
139810	6	<5	<5	13.2	20	7.76	2.65	7.43
139811	6	<5	<5	15.9	10	5.73	1.82	8.35
139812	3	<5	<5	4.26	20	7.19	4.33	3.67
139813	1	<5	<5	1.62	<10	10.1	4.20	3.98
139814	2	<5	<5	1.35	<10	10.8	5.17	3.96
139815	1	<5	<5	1.39	<10	11.5	4.78	4.26
139815 Rpt	<1	<5	<5	1.43	<10	11.5	4.77	4.21
139816	1	<5	<5	1.08	<10	11.2	4.37	4.13
139817	1	<5	<5	3.64	10	5.01	3.32	2.86
139818	7	<5	<5	3.90	20	3.53	1.78	2.36
139819	2	<5	<5	2.70	<10	8.89	5.39	4.01
139820	2	<5	<5	2.47	10	8.78	5.05	3.75



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	Au1 ppb	Pt ppb	Pd ppb	Ca %	Cr ppm	Fe %	K %	Mg %
Detection Limit	1	5	5	0.01	10	0.01	0.01	0.01
139821	2	<5	<5	2.15	<10	9.79	6.03	4.38
15943	3	5	<5	0.08	110	16.5	0.70	0.19
15944	1	<5	<5	0.27	30	6.12	1.40	0.52
15945	3	<5	<5	0.05	80	11.5	0.73	0.16
15946	1	<5	<5	0.05	50	6.99	1.22	0.17
15947	1	<5	<5	0.06	30	5.23	4.01	0.73
15948	2	<5	<5	0.03	60	10.1	1.23	0.14
15949	1	<5	<5	0.02	<10	1.45	1.74	0.13
15950	5	<5	<5	0.03	30	5.19	2.57	0.38
139822	12	<5	<5	2.00	30	3.43	5.24	1.72
139823	2	<5	<5	1.61	30	4.96	7.35	1.56
139823 Rpt	2	<5	<5	1.64	30	5.05	7.64	1.58
139824	1	<5	<5	2.98	30	4.58	7.03	2.11
139825	1	<5	<5	3.35	30	5.06	7.36	2.32
139826	2	<5	<5	3.38	30	5.09	6.85	2.25
139827	2	<5	<5	0.79	20	5.64	9.10	1.57
139828	1	<5	<5	1.28	20	11.2	6.00	3.86
139829	1	<5	<5	1.44	20	12.2	5.83	4.27
Std Nominal	52	45	45	1.53	1670	9.20	0.09	19.7
Determined	51	45	45	1.51	1240	9.19	0.10	19.7
139830	1	<5	<5	1.37	30	13.2	4.62	5.18
139831	<1	<5	<5	1.35	30	11.2	5.71	4.53
139832	1	<5	<5	1.89	20	13.1	4.34	5.11
139833	2	<5	<5	1.35	20	14.3	3.94	5.74
139833 Rpt	3	<5	<5	1.31	20	14.2	3.76	5.57
139834	3	<5	<5	8.09	10	5.43	5.65	4.98
139835	2	<5	<5	14.9	10	6.86	2.00	8.80
139836	5	<5	<5	10.0	10	5.96	4.43	5.91
139837	2	<5	<5	3.43	<10	8.03	6.63	4.07
139838	2	<5	<5	1.33	<10	12.0	4.65	5.04
139839	2	<5	<5	1.42	<10	9.51	4.12	4.45
139840	IS	IS	IS	1.66	6320	24.9	0.11	1.19
139841	1	<5	<5	1.90	20	10.4	5.07	4.28
139842	3	<5	<5	3.61	10	5.49	4.21	3.12
139842 Rpt	2	<5	<5	3.63	10	5.40	4.15	3.08
139843	2	<5	<5	2.94	10	3.40	1.78	2.04
139844	3	<5	<5	3.61	<10	5.19	3.70	3.13
Std Nominal	1.37M			8.22	30	6.27	0.21	4.52
Determined	1.36M	<5	<5	8.31	20	6.46	0.20	4.57
139845	1	<5	<5	3.10	<10	9.01	5.94	4.55
16048	1	5	<5	0.09	130	21.9	0.71	0.22
16049	12	<5	<5	0.21	140	22.0	0.94	0.39
16050	1	<5	<5	0.05	10	4.27	1.33	0.20



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	Au1 ppb	Pt ppb	Pd ppb	Ca %	Cr ppm	Fe %	K %	Mg %
Detection Limit	1	5	5	0.01	10	0.01	0.01	0.01
16051	3	<5	<5	0.03	30	4.96	4.69	0.51
16052	4	<5	<5	0.02	40	5.36	6.96	0.76
16053	4	<5	<5	0.04	10	2.57	2.88	0.46
16054	1	<5	<5	0.07	<10	1.75	2.60	0.36
16055	2	<5	<5	0.10	10	3.24	1.26	0.14
16056	3	<5	<5	0.57	20	3.10	2.63	0.59
16056 Rpt	3	<5	25	0.57	20	3.12	2.67	0.59
16057	3	<5	<5	0.19	10	2.98	2.70	0.53
16058	4	<5	<5	0.09	<10	1.85	1.94	0.33
16059	3	<5	<5	0.11	10	2.88	2.43	0.64
16060	IS	IS	IS	0.05	50	8.88	0.20	2.10
139846	13	<5	<5	2.89	30	4.45	5.99	2.21
139847	2	<5	<5	3.02	30	4.52	6.59	2.09
139848	1	<5	<5	3.67	20	4.48	6.40	2.50
139848 Rpt	2	<5	<5	3.74	30	4.50	6.42	2.56
139849	1	<5	<5	4.22	30	4.63	6.43	2.65
139849 Rpt	1	<5	<5	4.22	30	4.67	6.42	2.66
139850	3	<5	<5	2.96	20	4.11	4.44	1.88
139851	1	<5	<5	4.54	20	4.72	8.00	2.98
Std Nominal	860	910	690	5.91	230	9.63	0.60	4.05
Determined	893	915	695	5.92	160	9.80	0.61	4.02
139852	<1	<5	<5	2.97	20	8.71	7.03	3.40
139853	2	<5	<5	1.11	20	13.1	5.17	4.81
139854	1	<5	<5	1.43	20	12.9	4.71	4.92
139855	1	<5	<5	1.89	20	12.2	5.17	5.25
139856	1	<5	<5	2.04	20	12.9	4.24	5.71
139857	1	<5	<5	1.71	10	14.4	3.74	6.00
139858	1	<5	<5	8.88	20	8.56	3.55	6.77
139859	7	<5	<5	14.4	<10	6.63	1.80	8.43
139860	IS	IS	IS	0.06	20	9.01	0.17	2.11
139861	5	<5	<5	8.94	10	5.22	5.15	5.16
139862	1	<5	<5	3.54	<10	9.02	6.76	3.86
139863	1	<5	<5	2.27	<10	11.3	4.99	4.70
139864	1	<5	<5	2.28	<10	10.4	5.47	4.83
139865	1	<5	<5	1.76	<10	11.1	4.35	4.98
16141	1	<5	<5	1.97	<10	10.1	5.54	4.65
16142	1	<5	<5	3.54	<10	8.25	5.21	4.59
16143	1	<5	<5	14.5	<10	6.83	1.19	8.72
16144	1	<5	<5	15.6	<10	7.51	0.68	9.17
16145	2	<5	<5	9.65	<10	4.56	1.37	5.78
16146	3	<5	<5	11.8	<10	5.73	1.18	7.48
16147	3	<5	<5	10.5	10	6.16	2.05	6.48
Std Nominal	2.42M			0.58	10	1.47	4.16	0.03



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	Au1 ppb	Pt ppb	Pd ppb	Ca %	Cr ppm	Fe %	K %	Mg %
Detection Limit	1	5	5	0.01	10	0.01	0.01	0.01
Determined	2.41M	<5	<5	0.59	<10	1.45	4.06	0.03
16148	6	<5	<5	11.1	10	7.82	2.09	8.03
16149	4	<5	<5	7.66	<10	8.64	3.75	6.61
16150	<1	<5	<5	3.68	10	9.65	5.10	5.40
16151	<1	<5	<5	3.22	<10	10.4	4.80	5.70
16151 Rpt	1	<5	<5	3.21	10	10.5	4.79	5.71
16152	<1	<5	<5	1.95	10	9.03	6.02	4.49
16153	1	5	<5	0.07	120	19.4	0.82	0.19
16153 Rpt	1	<5	<5	0.06	120	19.9	0.81	0.19
16154	1	<5	<5	0.09	40	5.17	8.15	0.32
16155	3	<5	<5	0.03	40	6.90	3.89	0.23
16156	3	<5	<5	0.04	40	7.03	4.09	0.49
16157	7	<5	<5	0.05	40	13.0	3.25	1.00
16158	2	<5	<5	0.04	20	3.13	2.90	0.43
16159	5	<5	<5	0.02	30	4.85	5.84	0.60
16160	IS	IS	IS	1.71	7170	24.8	0.11	1.20
16161	2	<5	<5	0.11	60	9.14	6.58	0.69
139866	2	<5	<5	0.17	20	2.70	2.58	0.48
139867	1	<5	<5	0.15	20	3.79	3.00	0.62
139868	7	<5	<5	2.04	30	4.65	5.42	1.69
139868 Rpt	5	<5	<5	2.07	30	4.65	5.08	1.69
139869	2	<5	<5	4.25	40	3.94	4.55	2.78
139870	2	<5	<5	4.13	40	4.23	5.19	2.67
139871	<1	<5	<5	4.52	40	4.34	4.98	2.86
139872	1	<5	<5	3.74	40	4.44	5.38	2.29
139873	2	<5	<5	3.13	20	4.32	5.85	1.99
139874	2	<5	<5	3.92	20	8.03	5.73	3.20
139875	1	<5	<5	3.39	20	11.3	4.51	5.33
139876	1	<5	<5	1.94	20	11.0	5.04	4.71
139877	1	<5	<5	2.26	20	9.47	6.25	4.12
139878	<1	<5	<5	2.52	20	10.5	5.64	4.73
Std Nominal	4.94M			2.48	170	8.65	2.35	1.71
Determined	4.88M	<5	<5	2.42	150	8.68	2.35	1.69
139879	3	<5	<5	1.77	20	10.9	5.27	4.70
139880	1	<5	<5	1.88	20	11.5	5.37	4.92
139880 Rpt	<1	<5	<5	1.82	20	11.1	5.34	4.88
139881	1	<5	<5	1.53	20	11.7	5.49	4.86
139882	2	<5	<5	9.14	20	7.49	4.14	6.34
139883	1	<5	<5	15.2	10	6.24	1.80	8.88
139884	6	<5	<5	5.43	10	7.22	4.54	4.30
139885	2	<5	<5	3.33	<10	9.03	4.94	3.68
139886	1	<5	<5	3.22	<10	8.91	5.96	4.36
139887	<1	<5	<5	2.70	<10	9.16	5.08	4.57



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	Au1 ppb	Pt ppb	Pd ppb	Ca %	Cr ppm	Fe %	K %	Mg %
Detection Limit	1	5	5	0.01	10	0.01	0.01	0.01
139888	1	<5	<5	1.33	<10	13.1	3.39	5.71
139889	2	<5	<5	15.3	<10	6.45	1.23	8.65
16258	2	<5	<5	0.15	140	21.3	0.71	0.21
16259	3	<5	<5	0.14	100	17.1	0.85	0.23
16260	IS	IS	IS	0.06	40	9.04	0.16	2.07
16261	1	5	<5	0.02	50	5.81	1.73	0.12
16262	3	<5	<5	0.04	30	3.26	2.06	0.31
16263	3	<5	<5	0.06	30	2.76	3.59	0.45
16264	1	<5	<5	0.02	20	2.88	3.16	0.39
16265	10	<5	<5	0.17	40	3.29	4.89	0.99
16266	2	<5	<5	0.16	40	3.67	5.83	1.29
16267	3	<5	<5	0.09	10	2.07	2.52	0.40
16268	2	<5	<5	0.32	20	1.83	2.95	0.52
16269	2	<5	<5	0.19	10	2.81	3.60	0.83
16270	2	<5	<5	3.89	10	2.34	2.69	2.60
139890	1	<5	<5	0.39	20	2.17	2.23	0.67
139891	6	<5	<5	1.85	50	4.54	6.20	1.70
139891 Rpt	6	<5	<5	1.83	40	4.48	4.62	1.70
139892	2	<5	<5	3.54	40	4.08	4.23	2.49
139892 Rpt	2	<5	<5	3.59	40	4.12	4.78	2.53
139893	1	<5	<5	3.76	40	4.46	3.18	2.56
139894	3	<5	<5	3.41	30	4.59	5.94	2.48
Std Nominal	52	45	45	0.54	90	0.18	<0.01	26.6
Determined	51	45	40	0.55	90	0.18	0.01	27.0
139895	3	<5	<5	4.50	30	5.57	6.40	3.35
139896	1	<5	<5	4.19	20	5.21	7.12	2.91
139897	2	<5	<5	2.48	20	9.11	4.75	4.23
139898	2	<5	35	3.79	20	8.73	4.74	4.82
139899	<1	<5	<5	2.40	20	9.95	4.50	4.46
139900	IS	IS	IS	1.72	7110	24.5	0.12	1.21
139900 Rpt	NR	NR	NR	1.73	6920	24.7	0.11	1.21
139901	1	<5	<5	2.60	30	7.71	6.44	3.64
Std Nominal	1.37M			0.20	2600	11.9	0.01	26.5
Determined	1.33M	<5	<5	0.20	2220	11.8	0.02	26.6
139902	2	<5	<5	2.32	20	9.64	6.18	4.44
139903	1	<5	<5	2.73	20	7.37	7.42	3.52
139904	2	<5	<5	1.64	20	6.21	6.61	2.61
139905	3	<5	<5	9.52	20	6.47	3.90	6.23
139906	5	<5	<5	12.1	20	5.33	3.97	6.97
139907	2	<5	<5	6.13	<10	4.86	4.37	3.80
139908	1	<5	<5	3.29	<10	8.67	5.66	4.06
139909	2	<5	<5	2.67	<10	9.95	4.43	4.68
139910	1	<5	<5	1.09	<10	12.5	4.66	5.14



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	Au1 ppb	Pt ppb	Pd ppb	Ca %	Cr ppm	Fe %	K %	Mg %
Detection Limit	1	5	5	0.01	10	0.01	0.01	0.01
139911	2	<5	<5	12.1	<10	5.84	3.72	7.11
139912	6	<5	<5	15.6	<10	6.00	1.85	8.81
16364	2	<5	<5	0.12	110	23.9	2.54	0.31
16365	2	<5	<5	0.25	40	7.79	5.49	1.15
16365 Rpt	1	<5	<5	0.25	40	7.80	5.50	1.16
16366	1	<5	<5	0.34	40	7.76	7.23	1.54
16367	3	<5	<5	0.74	30	6.78	4.62	1.70
16368	2	<5	<5	0.72	30	3.91	8.48	1.06
16369	4	<5	<5	1.21	20	1.62	10.2	0.49
16370	3	<5	<5	0.20	20	3.17	4.56	1.12
16370 Rpt	3	<5	<5	0.19	30	3.14	4.62	1.11
16371	3	<5	<5	0.09	50	9.95	2.16	0.65
16372	3	<5	<5	0.12	40	3.96	4.38	0.90
16373	6	<5	<5	0.12	30	2.72	3.90	0.58
16374	1	<5	<5	0.16	30	2.65	7.55	1.00
16375	1	<5	<5	0.14	30	2.51	3.69	0.96
16376	2	<5	<5	0.13	<10	1.48	1.67	0.20
16377	1	<5	<5	0.19	20	3.11	3.02	0.70
16378	<1	<5	<5	0.20	<10	1.90	2.54	0.38
16379	2	<5	<5	0.16	10	2.56	3.09	0.62
16380	2	<5	<5	0.15	10	2.60	2.90	0.63
16381	1	<5	<5	0.07	<10	1.88	2.04	0.58
16382	1	<5	<5	0.07	10	2.03	2.98	0.52
Std Nominal	860	910	690	14.0	180	7.52	0.02	7.83
Determined	874	900	675	14.2	130	7.51	0.03	7.84
16383	2	<5	<5	0.13	20	2.33	2.92	0.45
16384	3	<5	<5	3.46	30	3.59	4.00	2.54
139913	6	<5	<5	3.55	30	4.23	4.78	2.54
139913 Rpt	7	<5	<5	3.66	30	4.32	5.05	2.61
139914	1	<5	<5	4.47	40	4.03	3.42	2.91
139915	1	<5	<5	4.67	30	3.72	5.09	2.90
139916	2	<5	<5	4.53	40	4.27	4.86	2.92
139917	2	<5	<5	6.56	30	4.76	4.16	3.87
139918	2	<5	<5	6.56	10	6.25	5.06	3.69
139919	<1	<5	<5	2.77	10	10.5	5.15	5.18
139919 Rpt	<1	<5	<5	2.84	10	10.7	5.18	5.28
139920	IS	IS	IS	0.06	20	8.89	0.20	2.15
139921	1	<5	<5	2.60	20	7.73	7.38	3.74
139922	1	<5	<5	2.63	10	6.28	7.48	3.06
139923	1	<5	<5	1.34	20	5.61	9.20	2.21
139924	1	<5	<5	2.56	20	6.53	7.75	3.18
139925	2	<5	<5	1.23	20	8.27	7.29	3.45
139926	4	<5	<5	0.95	10	6.54	8.40	2.45



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	Au1 ppb	Pt ppb	Pd ppb	Ca %	Cr ppm	Fe %	K %	Mg %
Detection Limit	1	5	5	0.01	10	0.01	0.01	0.01
139927	6	5	<5	5.20	20	5.58	6.72	4.34
139928	4	<5	<5	8.00	20	5.81	4.25	5.31
139929	5	<5	<5	4.35	<10	5.11	7.09	3.29
139930	3	<5	<5	2.16	<10	5.42	8.80	2.45
Std Nominal	2.42M			0.10	1.70%	47.5	<0.01	1.86
Determined	2.41M	<5	<5	0.11	1.63%	46.4	0.02	1.84
139931	3	<5	<5	2.50	10	6.35	7.90	2.99
139932	1	<5	<5	2.26	<10	7.40	7.74	3.39
139933	5	<5	<5	10.9	<10	6.02	4.35	6.52
149371	3	5	<5	2.95	30	3.49	7.05	2.68
149372	2	<5	<5	3.35	30	3.88	7.49	2.65
149372 Rpt	3	<5	<5	3.38	40	3.91	6.16	2.68
149373	1	<5	<5	5.59	50	5.40	5.99	3.64
149374	4	<5	<5	6.05	50	4.82	5.32	3.92
149375	2	<5	<5	2.86	20	4.26	7.88	2.39
149376	1	<5	<5	1.36	20	6.23	5.73	2.68
149377	1	<5	<5	2.15	20	8.87	5.69	4.30
149378	1	<5	<5	1.91	20	9.31	6.59	4.00
149379	2	<5	<5	0.80	20	9.18	4.02	3.15
149380	IS	IS	IS	0.06	30	8.87	0.20	2.13
149381	1	<5	<5	1.51	20	8.06	6.67	3.34
149382	3	<5	<5	0.76	20	10.5	5.99	3.50
149383	1	<5	<5	0.99	20	7.88	5.95	2.78
149384	<1	<5	<5	3.24	<10	10.5	5.44	4.65
Std Nominal	4.94M			1.53	1670	9.20	0.09	19.7
Determined	4.99M	<5	<5	1.50	1100	9.14	0.10	19.5
149385	<1	<5	<5	2.28	<10	9.70	5.21	4.64
149386	<1	<5	<5	1.12	<10	11.0	4.31	4.52
149387	<1	<5	<5	0.84	<10	11.5	4.04	4.52
149388	2	<5	<5	9.78	<10	7.05	4.49	6.35
149388 Rpt	2	<5	<5	9.90	<10	7.14	4.59	6.48
Std Nominal	52	45	45	8.22	30	6.27	0.21	4.52
Determined	52	45	45	8.22	20	6.38	0.22	4.52
Std Nominal				5.91	230	9.63	0.60	4.05
Determined	NR	NR	NR	NR	NR	NR	NR	NR
Std Nominal				0.26		1.40	2.03	3.42
Determined	NR	NR	NR	NR	NR	NR	NR	NR



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	Mn ppm	Na %	P ppm	S ppm	V ppm	Ag ppm	As ppm	Ba ppm
Detection Limit	2	0.01	50	50	5	0.5	1	1
139695	1070	0.06	2300	350	185	<0.5	8	717
139696	834	0.03	2850	50	265	<0.5	28	1640
139697	472	0.03	2800	1150	245	<0.5	24	694
139697 Rpt	484	0.03	2700	1100	240	<0.5	23	708
139698	258	0.03	2900	1400	235	<0.5	9	610
139699	202	0.03	2850	1600	250	<0.5	32	705
Std Nominal	5810	<0.01	50	1900	125	<0.5	2	38
Determined	5780	<0.01	100	1950	130	<0.5	2	39
139700	248	0.03	2750	1550	250	<0.5	36	683
139701	88	0.03	2800	1950	245	0.5	41	590
139701 Rpt	86	0.03	2850	1900	245	<0.5	40	593
139702	190	0.03	2900	1950	235	0.5	59	740
139703	92	0.02	2850	2150	300	<0.5	210	616
139704	72	0.03	2950	1800	195	0.5	98	702
139705	2180	0.08	1100	2900	95	<0.5	66	642
139706	3060	0.06	1150	1000	110	<0.5	5	533
139707	772	0.03	2800	1100	215	<0.5	22	634
139708	230	0.03	3250	1850	230	<0.5	15	494
139709	312	0.02	3050	1100	270	<0.5	8	429
139710	172	0.02	3100	1300	295	<0.5	12	477
139711	2440	0.02	2150	1450	210	<0.5	7	282
15412	6110	0.03	200	900	60	<0.5	<1	104
15413	5550	0.03	150	600	75	<0.5	<1	130
15414	3960	0.04	200	1700	135	<0.5	3	199
15415	3170	0.06	350	700	185	<0.5	<1	250
139712	598	0.04	2600	100	275	<0.5	188	1070
139713	522	0.07	2200	100	135	<0.5	87	964
15425	300	0.07	650	200	60	<0.5	37	580
Std Nominal	996	0.09	150	3.11%	40	<0.5	25	17
Determined	1000	0.10	100	3.11%	40	<0.5	25	18
15426	514	0.08	800	50	95	<0.5	47	759
15427	86	0.08	750	100	95	<0.5	16	681
15427 Rpt	86	0.08	700	100	90	<0.5	16	690
15428	74	0.07	550	100	55	<0.5	11	446
15429	496	0.04	500	100	10	<0.5	8	292
15430	576	0.05	1000	100	40	<0.5	12	490
15431	86	0.05	650	50	20	<0.5	5	329
15432	130	0.05	550	100	15	<0.5	4	269
139714	1510	0.06	400	500	45	<0.5	49	428
139715	1800	0.07	550	150	60	<0.5	8	439
139716	1800	0.07	600	50	90	<0.5	4	517
139717	2010	0.07	550	150	90	<0.5	3	457
139718	1410	0.08	850	1600	110	<0.5	16	549



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	Mn ppm	Na %	P ppm	S ppm	V ppm	Ag ppm	As ppm	Ba ppm
Detection Limit	2	0.01	50	50	5	0.5	1	1
139719	948	0.04	4300	100	265	<0.5	50	1110
139720	1280	0.33	100	700	145	<0.5	17	147
139721	990	0.03	2600	250	295	<0.5	54	801
139722	470	0.03	2800	150	310	<0.5	32	794
139723	894	0.03	2400	1350	295	<0.5	25	736
139723 Rpt	902	0.03	2450	1400	290	<0.5	26	742
139724	460	0.03	2550	1100	250	<0.5	8	771
139725	940	0.03	2450	1400	270	<0.5	10	623
139726	348	0.02	2700	2950	280	0.5	116	584
139727	74	0.02	2800	4600	270	1.0	155	587
15488	78	0.10	2000	5750	175	1.0	534	792
15489	118	0.13	1200	3850	140	0.5	144	852
15490	4740	0.06	550	2500	65	<0.5	20	319
15491	3950	0.07	550	2150	55	<0.5	43	430
15492	4620	0.03	250	650	40	<0.5	10	219
Std Nominal	1390	1.82	100	100	220	<0.5	1	102
Determined	1420	1.77	50	100	215	<0.5	1	99
15493	4550	0.05	350	4650	45	<0.5	17	319
15494	4060	0.06	250	1500	55	<0.5	5	326
15495	2020	0.07	800	1850	150	<0.5	6	494
139728	586	0.04	3200	1450	230	<0.5	16	935
139729	86	0.03	3300	1900	275	<0.5	16	590
139730	478	0.02	3150	2000	285	<0.5	12	488
139730 Rpt	490	0.03	3100	1950	295	<0.5	12	497
139731	228	0.01	3050	1050	335	<0.5	6	400
15513	148	<0.01	3150	2650	390	<0.5	5	447
15514	1150	0.01	2900	1200	290	<0.5	6	558
15515	970	0.03	3300	1550	270	<0.5	10	477
15515 Rpt	990	0.03	3300	1600	265	<0.5	11	470
15516	936	0.04	3600	1350	245	<0.5	8	456
15517	4850	0.02	350	1050	65	<0.5	4	187
15518	4800	0.02	350	3950	80	<0.5	4	120
15519	5090	0.03	250	550	65	<0.5	1	118
15520	1260	0.34	100	750	150	<0.5	17	146
15521	3300	0.05	300	1100	65	<0.5	6	215
15522	1310	0.06	3900	100	70	<0.5	39	946
15523	1370	0.04	2800	650	100	<0.5	43	935
15524	894	0.04	3200	100	75	<0.5	40	1200
15525	1030	0.04	3000	100	205	<0.5	38	1560
Std Nominal	1070	2.15	1300	1.74%	155	0.5	13	239
Determined	1070	2.18	1250	1.70%	150	0.5	12	246
15526	1750	0.04	2700	150	235	<0.5	70	1690
15527	1050	0.10	1650	100	125	<0.5	42	1120



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	Mn ppm	Na %	P ppm	S ppm	V ppm	Ag ppm	As ppm	Ba ppm
Detection Limit	2	0.01	50	50	5	0.5	1	1
15528	180	0.06	350	150	20	<0.5	24	407
15529	562	0.04	350	100	50	<0.5	21	431
15529 Rpt	586	0.05	350	100	50	<0.5	20	435
15530	126	0.09	800	100	90	<0.5	23	633
15531	216	0.06	500	150	60	<0.5	17	490
15532	58	0.10	700	50	135	<0.5	44	717
15533	48	0.08	600	150	75	<0.5	133	605
15534	74	0.12	750	100	40	<0.5	110	747
15535	92	0.05	300	100	15	<0.5	21	266
15536	72	0.07	450	100	30	<0.5	25	382
15537	92	0.16	700	100	45	<0.5	57	1000
139732	1330	0.08	550	100	80	<0.5	16	668
139733	2100	0.07	600	700	65	<0.5	16	475
139734	2310	0.06	600	300	70	<0.5	4	485
139735	2020	0.06	600	250	80	<0.5	3	431
139735 Rpt	2000	0.07	600	250	75	<0.5	3	439
139736	2220	0.06	1550	500	130	<0.5	3	489
139737	1500	0.04	3450	600	215	<0.5	2	644
139738	1520	0.03	2350	800	280	<0.5	2	559
139739	1000	0.04	2550	2050	275	<0.5	15	669
139740	84	0.01	200	8.33%	10	2.5	3050	15
139741	744	0.03	2550	1650	250	<0.5	17	524
139742	262	0.04	2800	1800	280	<0.5	14	584
139743	66	0.04	2900	2050	300	<0.5	20	716
139744	122	0.03	2850	2950	300	<0.5	36	709
15589	102	0.02	2950	2300	315	<0.5	31	628
15590	420	0.02	2800	1050	315	<0.5	14	573
15590 Rpt	420	0.02	2800	1050	320	<0.5	14	564
15591	444	0.03	3050	7150	260	<0.5	49	635
15592	1000	0.03	2550	9350	175	0.5	69	548
15593	1020	0.03	2000	3200	190	<0.5	21	632
15594	612	0.07	600	4000	95	<0.5	17	373
15595	540	0.04	450	1200	50	<0.5	20	206
15596	146	0.04	450	5250	55	<0.5	33	265
15596 Rpt	146	0.05	450	5250	55	<0.5	32	270
15597	3660	0.05	350	3150	65	<0.5	24	303
15598	4560	0.04	350	2650	50	<0.5	19	328
15599	3860	0.05	450	2500	65	0.5	9	420
Std Nominal	160	2.49	100	200	<5	<0.5	17	118
Determined	156	2.47	50	150	<5	<0.5	18	117
15600	88	0.01	200	8.26%	10	2.5	3080	16
15601	1060	0.05	3250	3100	190	<0.5	57	895
139745	1910	0.03	2600	550	220	<0.5	23	909



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	Mn ppm	Na %	P ppm	S ppm	V ppm	Ag ppm	As ppm	Ba ppm
Detection Limit	2	0.01	50	50	5	0.5	1	1
139746	1190	0.02	2850	1150	225	<0.5	16	542
139747	984	0.02	2800	3150	260	<0.5	15	383
139748	446	0.03	2750	600	245	<0.5	6	319
139749	2610	0.03	1750	1000	165	<0.5	5	328
139750	4480	0.03	300	450	40	<0.5	1	210
15627	1760	0.02	1050	50	665	<0.5	188	781
Std Nominal	1180	1.30	600	1.97%	120	6.0	100	132
Determined	1200	1.33	650	1.96%	120	6.0	100	138
15628	1230	0.03	400	150	75	<0.5	28	522
15628 Rpt	1210	0.04	400	150	75	<0.5	27	516
15629	654	0.03	200	150	40	<0.5	22	349
15630	502	0.06	350	100	80	<0.5	34	450
15631	148	0.09	500	100	120	<0.5	28	917
15632	1100	0.07	450	100	35	<0.5	29	668
15633	894	0.04	300	100	30	<0.5	79	481
15633 Rpt	910	0.06	300	100	30	<0.5	81	506
15634	3280	0.06	400	100	60	<0.5	288	931
15635	3920	0.04	200	50	45	<0.5	169	584
15636	2280	0.06	200	50	40	<0.5	83	491
15637	3320	0.07	200	50	40	<0.5	94	538
15638	3960	0.09	550	100	105	<0.5	96	814
139751	1440	0.07	650	<50	80	<0.5	17	614
139752	1810	0.06	500	150	60	<0.5	11	439
139753	1900	0.08	550	100	60	<0.5	5	405
139754	1820	0.06	600	100	75	<0.5	5	489
139755	2820	0.04	1600	450	170	<0.5	4	497
139756	1200	0.02	2250	1350	265	<0.5	5	399
139757	1420	0.02	2250	2300	275	<0.5	11	467
139758	618	0.03	2600	1350	295	<0.5	8	443
139759	192	0.01	2800	1550	310	<0.5	16	474
139759 Rpt	196	0.02	2850	1500	320	<0.5	17	490
139760	218	0.03	2750	1650	325	<0.5	18	476
139761	614	0.03	2750	1850	290	<0.5	15	649
139762	86	0.02	2850	1350	345	<0.5	11	530
139763	76	0.02	3000	2850	325	<0.5	26	576
139764	978	0.03	2750	3300	265	<0.5	32	596
139765	4060	0.05	500	1900	75	<0.5	55	411
139766	2410	0.06	1700	1350	150	<0.5	14	591
139767	1160	0.03	2650	1800	240	<0.5	13	455
Std Nominal	80	<0.01	<50	100	5	<0.5	<1	<1
Determined	78	<0.01	<50	100	<5	<0.5	<1	2
139768	664	0.02	2850	2000	245	<0.5	14	423
139769	212	0.02	2900	2150	245	<0.5	19	401



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	Mn ppm	Na %	P ppm	S ppm	V ppm	Ag ppm	As ppm	Ba ppm
Detection Limit	2	0.01	50	50	5	0.5	1	1
139770	344	0.03	2750	750	270	<0.5	5	271
15719	1380	0.03	2600	450	230	<0.5	3	356
15720	1260	0.03	2550	450	220	<0.5	3	364
15721	3490	0.03	1750	2000	120	<0.5	2	410
15722	4840	0.03	250	750	35	<0.5	<1	87
15722 Rpt	4910	0.02	250	800	35	<0.5	1	84
15723	5170	0.02	250	350	35	<0.5	2	776
15724	4490	0.02	250	1100	25	<0.5	1	4360
15725	4970	0.03	200	150	20	<0.5	<1	234
15726	4660	0.05	200	300	30	<0.5	<1	224
15727	3930	0.06	200	200	35	<0.5	<1	234
15728	2650	0.06	950	250	140	<0.5	<1	387
15729	1330	0.03	1850	550	270	<0.5	3	590
15730	994	0.02	1650	750	230	<0.5	3	321
15731	620	0.02	1850	450	285	<0.5	1	259
15732	4240	0.01	900	200	555	<0.5	167	299
15733	1480	0.04	750	50	320	<0.5	108	304
15734	2400	0.05	450	100	180	<0.5	71	570
15735	116	0.10	500	50	100	<0.5	14	676
15736	172	0.12	750	50	65	<0.5	121	760
15736 Rpt	170	0.12	700	100	65	<0.5	121	779
15737	236	0.07	400	<50	30	<0.5	14	426
15738	274	0.10	600	50	45	<0.5	19	597
15738 Rpt	280	0.11	600	50	45	<0.5	18	605
15739	490	0.04	300	50	75	<0.5	29	328
139771	2510	0.07	400	50	60	<0.5	32	478
139772	1740	0.07	650	<50	75	<0.5	6	478
Std Nominal	1710	0.03	<50	100	40	<0.5	<1	2
Determined	1730	0.02	<50	100	35	<0.5	<1	3
139773	1730	0.08	600	<50	65	<0.5	7	477
139774	2010	0.06	550	<50	65	<0.5	4	435
139775	2550	0.06	1350	100	120	<0.5	4	400
139776	1120	0.04	2750	200	250	<0.5	2	700
139777	912	0.03	2500	550	270	<0.5	7	467
139778	840	0.02	2600	1350	285	<0.5	11	461
139779	612	0.04	2600	1450	295	<0.5	11	516
139780	1250	0.35	100	750	145	<0.5	17	144
139781	798	0.04	2400	550	285	<0.5	4	524
139782	680	0.02	2400	200	275	<0.5	8	425
139783	510	0.02	2750	900	310	<0.5	5	390
139784	2100	0.02	1750	1150	205	<0.5	6	391
139785	4790	0.04	300	250	35	<0.5	2	267
139786	4130	0.03	600	450	75	<0.5	3	303



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	Mn ppm	Na %	P ppm	S ppm	V ppm	Ag ppm	As ppm	Ba ppm
Detection Limit	2	0.01	50	50	5	0.5	1	1
139787	1240	0.03	2650	400	230	<0.5	5	560
139788	766	0.02	2850	1400	265	<0.5	6	352
139789	138	0.03	2800	800	265	<0.5	4	623
139790	240	0.02	3100	1000	280	<0.5	8	372
139791	2390	0.02	1700	1350	195	<0.5	8	395
139791 Rpt	2430	0.02	1750	1350	200	<0.5	7	407
139792	1500	0.04	200	1100	25	<0.5	3	164
139793	616	0.04	800	250	115	<0.5	1	538
139794	1250	0.03	2000	550	270	<0.5	8	604
139795	700	0.05	300	<50	150	<0.5	38	252
139795 Rpt	734	0.04	300	50	155	<0.5	38	261
139796	1670	0.07	400	50	70	<0.5	11	417
139797	1880	0.06	550	<50	60	<0.5	5	477
Std Nominal	1510	0.19	50	<50	230	<0.5	1	14
Determined	1530	0.18	50	50	230	<0.5	<1	15
139798	1760	0.08	550	50	60	<0.5	3	446
139799	1960	0.07	550	50	65	<0.5	3	424
139800	88	0.01	200	8.26%	10	2.5	3060	16
139801	1680	0.06	500	50	70	<0.5	12	481
139802	1740	0.04	2300	450	235	<0.5	14	938
139803	1100	0.03	2300	500	265	<0.5	6	630
139803 Rpt	1120	0.04	2350	550	270	<0.5	5	643
139804	938	0.05	2250	800	260	<0.5	6	845
139805	1020	0.07	2250	400	260	<0.5	3	420
139806	980	0.15	2250	500	260	<0.5	2	976
139807	1150	0.21	2250	450	250	<0.5	2	1630
Std Nominal	5810	<0.01	50	1900	125	<0.5	2	38
Determined	5810	<0.01	100	1950	130	<0.5	2	36
139808	700	0.10	2400	650	265	<0.5	4	928
139809	1090	0.04	2600	550	210	<0.5	2	365
139810	6570	0.06	350	500	50	<0.5	3	271
139811	6770	0.03	150	150	20	<0.5	<1	163
139812	2230	0.03	1200	400	135	<0.5	2	280
139813	798	0.04	2100	800	200	<0.5	2	348
139814	708	0.05	2450	600	220	<0.5	2	330
139815	864	0.08	2350	250	220	<0.5	1	516
139815 Rpt	868	0.09	2400	250	220	<0.5	<1	477
139816	446	0.31	2450	150	230	<0.5	<1	1250
139817	1080	0.10	1100	450	105	<0.5	<1	428
139818	1110	0.07	250	450	20	<0.5	<1	146
139819	1200	0.06	1650	450	230	<0.5	<1	562
139820	1120	0.04	1550	550	215	<0.5	2	540
139821	1060	0.05	1850	500	270	<0.5	2	547



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	Mn ppm	Na %	P ppm	S ppm	V ppm	Ag ppm	As ppm	Ba ppm
Detection Limit	2	0.01	50	50	5	0.5	1	1
15943	2490	0.01	600	150	440	<0.5	128	276
15944	2340	0.03	350	150	125	<0.5	33	537
15945	2640	0.02	450	100	290	<0.5	85	355
15946	2080	0.04	300	50	165	<0.5	52	453
15947	4440	0.12	250	50	100	<0.5	52	1420
15948	2270	0.04	400	50	250	<0.5	80	399
15949	2000	0.06	100	<50	20	<0.5	9	586
15950	2130	0.08	250	<50	110	<0.5	33	536
139822	2310	0.10	400	50	50	<0.5	11	485
139823	1900	0.09	600	<50	70	<0.5	10	504
139823 Rpt	1880	0.10	650	50	70	<0.5	10	500
139824	1860	0.07	550	50	65	<0.5	5	438
139825	2200	0.07	650	50	75	<0.5	6	464
139826	1710	0.07	650	<50	90	<0.5	9	463
139827	1130	0.04	2950	50	275	1.0	32	915
139828	1170	0.02	2650	100	295	0.5	26	671
139829	836	0.03	2550	1550	290	<0.5	18	473
Std Nominal	996	0.09	150	3.11%	40	<0.5	25	17
Determined	990	0.09	100	3.04%	35	<0.5	25	18
139830	658	0.02	2600	2050	305	<0.5	17	690
139831	630	0.04	2600	1200	300	<0.5	7	697
139832	824	0.03	2450	1050	305	<0.5	8	926
139833	476	0.02	2800	850	340	<0.5	8	1590
139833 Rpt	466	0.02	2700	800	330	<0.5	9	1570
139834	2960	0.04	2050	750	130	<0.5	11	463
139835	5740	0.03	350	200	40	<0.5	2	235
139836	3840	0.03	1200	1550	110	<0.5	12	603
139837	1190	0.04	2750	1150	245	<0.5	6	597
139838	520	0.02	2900	650	265	<0.5	10	524
139839	582	0.04	2500	450	235	<0.5	4	837
139840	1240	0.33	100	700	140	<0.5	18	137
139841	838	0.05	2450	1100	235	<0.5	9	695
139842	1220	0.05	1500	400	130	<0.5	3	395
139842 Rpt	1200	0.05	1450	450	130	<0.5	4	395
139843	860	0.04	300	100	25	<0.5	1	167
139844	1360	0.04	1050	450	145	<0.5	1	499
Std Nominal	1390	1.82	100	100	220	<0.5	1	102
Determined	1410	1.85	50	50	220	<0.5	<1	98
139845	1320	0.05	1850	600	270	<0.5	3	542
16048	7800	0.02	900	100	620	<0.5	263	1090
16049	3860	0.02	950	100	585	<0.5	234	498
16050	3220	0.04	200	50	80	<0.5	78	813
16051	1450	0.08	150	<50	80	<0.5	40	697



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	Mn ppm	Na %	P ppm	S ppm	V ppm	Ag ppm	As ppm	Ba ppm
Detection Limit	2	0.01	50	50	5	0.5	1	1
16052	2000	0.08	150	50	75	<0.5	26	960
16053	2400	0.07	200	50	45	<0.5	53	901
16054	1140	0.06	200	50	30	<0.5	19	560
16055	1640	0.04	300	150	60	<0.5	35	479
16056	2750	0.06	2100	50	40	<0.5	44	728
16056 Rpt	2700	0.08	2100	100	40	<0.5	45	729
16057	3860	0.06	400	50	45	<0.5	73	641
16058	1850	0.06	300	<50	20	<0.5	40	381
16059	1870	0.06	300	50	25	<0.5	47	385
16060	90	0.01	200	8.24%	10	2.5	2990	15
139846	2170	0.06	450	50	55	<0.5	8	411
139847	1780	0.06	600	50	60	<0.5	7	426
139848	1740	0.06	550	100	60	<0.5	6	438
139848 Rpt	1800	0.06	550	50	60	<0.5	5	440
139849	1790	0.06	550	50	70	<0.5	4	405
139849 Rpt	1790	0.06	550	50	70	<0.5	4	389
139850	1470	0.05	500	50	70	<0.5	8	335
139851	1500	0.04	2550	50	240	<0.5	3	1250
Std Nominal	1070	2.15	1300	1.74%	155	0.5	13	239
Determined	1100	2.17	1250	1.72%	155	0.5	13	246
139852	1150	0.02	2400	800	270	<0.5	7	673
139853	512	0.03	2550	700	290	<0.5	5	481
139854	784	0.02	2400	1000	285	<0.5	8	395
139855	1020	0.02	2550	1150	300	<0.5	6	541
139856	936	0.03	2500	800	290	<0.5	5	1510
139857	758	0.01	2600	1550	295	<0.5	14	776
139858	3410	0.05	1150	500	135	<0.5	5	453
139859	4930	0.04	250	200	40	<0.5	<1	220
139860	90	0.01	200	8.42%	10	2.5	3060	15
139861	3120	0.03	1450	300	120	<0.5	2	537
139862	1150	0.03	2650	1150	260	<0.5	8	569
139863	928	0.03	2600	1950	245	<0.5	13	369
139864	732	0.03	2850	1250	265	<0.5	9	482
139865	718	0.03	2550	1350	245	<0.5	7	391
16141	634	0.03	2850	1300	275	<0.5	5	377
16142	1210	0.03	2800	1550	215	<0.5	13	355
16143	5520	0.02	300	2600	60	<0.5	9	103
16144	6170	0.02	200	800	30	<0.5	1	81
16145	3210	0.03	300	400	20	<0.5	2	127
16146	3800	0.02	300	250	25	<0.5	<1	108
16147	3250	0.05	250	800	30	<0.5	2	202
Std Nominal	160	2.49	100	200	<5	<0.5	17	118
Determined	158	2.46	50	200	<5	<0.5	17	121



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	Mn ppm	Na %	P ppm	S ppm	V ppm	Ag ppm	As ppm	Ba ppm
Detection Limit	2	0.01	50	50	5	0.5	1	1
16148	3560	0.05	300	1200	60	<0.5	2	204
16149	2560	0.04	1200	1500	180	<0.5	12	402
16150	1300	0.02	1900	400	285	<0.5	3	365
16151	1310	0.01	1850	750	295	<0.5	4	263
16151 Rpt	1380	0.02	1900	700	300	<0.5	8	281
16152	734	0.03	1950	450	305	<0.5	3	384
16153	2880	0.01	900	50	525	<0.5	182	402
16153 Rpt	2840	0.02	850	100	525	<0.5	180	383
16154	1510	0.03	400	50	135	<0.5	73	1280
16155	2590	0.05	600	<50	200	<0.5	169	959
16156	6200	0.10	450	50	200	<0.5	235	1910
16157	1.04%	0.15	400	100	230	<0.5	327	1720
16158	2770	0.08	150	<50	40	<0.5	37	717
16159	3200	0.09	150	<50	60	<0.5	19	764
16160	1310	0.34	100	750	145	<0.5	18	147
16161	1920	0.08	600	100	155	<0.5	44	561
139866	1650	0.05	600	<50	25	<0.5	20	259
139867	3200	0.06	500	50	35	<0.5	52	364
139868	2370	0.07	400	50	55	<0.5	27	426
139868 Rpt	2410	0.07	400	50	55	<0.5	29	437
139869	2140	0.06	500	<50	55	<0.5	7	396
139870	1850	0.07	500	<50	60	<0.5	5	391
139871	2030	0.07	500	50	65	<0.5	4	403
139872	1540	0.07	500	50	70	<0.5	2	374
139873	990	0.03	1800	450	185	<0.5	3	1090
139874	1440	0.03	2200	400	270	<0.5	2	608
139875	2170	0.02	2200	1750	260	<0.5	12	431
139876	932	0.03	2450	2200	300	<0.5	12	376
139877	946	0.03	2550	2950	305	<0.5	17	509
139878	1010	0.03	2550	1700	295	<0.5	18	624
Std Nominal	1180	1.30	600	1.97%	120	6.0	100	132
Determined	1180	1.29	600	1.93%	115	6.0	101	139
139879	710	0.04	2500	1350	295	<0.5	13	568
139880	790	0.03	2650	1500	310	<0.5	14	572
139880 Rpt	784	0.03	2700	1500	315	<0.5	15	603
139881	476	0.01	2800	1600	300	<0.5	18	524
139882	3340	0.05	1150	750	150	<0.5	8	400
139883	5540	0.02	300	250	70	<0.5	2	228
139884	1900	0.04	2300	1450	190	<0.5	36	696
139885	1150	0.03	2500	700	225	<0.5	4	378
139886	1280	0.02	2650	1050	230	<0.5	9	443
139887	1100	0.03	2450	450	225	<0.5	4	457
139888	436	0.02	2850	500	275	<0.5	1	335



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	Mn ppm	Na %	P ppm	S ppm	V ppm	Ag ppm	As ppm	Ba ppm
Detection Limit	2	0.01	50	50	5	0.5	1	1
139889	6190	<0.01	350	650	35	<0.5	2	116
16258	1880	<0.01	900	100	610	<0.5	211	273
16259	2180	<0.01	1000	100	495	<0.5	226	331
16260	84	0.01	200	8.27%	10	2.5	3040	16
16261	4930	0.03	700	50	195	<0.5	152	716
16262	1200	0.05	300	50	75	<0.5	63	393
16263	2360	0.08	150	50	60	<0.5	119	674
16264	2480	0.06	200	50	50	<0.5	40	564
16265	2400	0.09	500	50	65	<0.5	20	589
16266	2130	0.10	750	50	80	<0.5	37	601
16267	2360	0.05	400	50	35	<0.5	29	324
16268	1440	0.06	1150	50	35	<0.5	68	413
16269	2360	0.08	650	50	40	<0.5	102	524
16270	2570	0.06	500	<50	30	<0.5	36	294
139890	2610	0.04	300	50	30	<0.5	49	368
139891	2390	0.06	450	<50	65	<0.5	22	398
139891 Rpt	2340	0.07	450	<50	65	<0.5	21	416
139892	1980	0.05	600	<50	60	<0.5	9	393
139892 Rpt	1990	0.05	600	<50	60	<0.5	10	402
139893	1880	0.07	550	50	60	<0.5	6	377
139894	2320	0.05	600	50	70	<0.5	18	632
Std Nominal	80	<0.01	<50	100	5	<0.5	<1	<1
Determined	82	<0.01	<50	100	<5	<0.5	<1	1
139895	2480	0.06	1600	50	160	<0.5	19	652
139896	1410	0.03	2350	50	245	<0.5	4	788
139897	980	0.03	2450	2100	285	<0.5	26	507
139898	1740	0.03	2300	2500	250	<0.5	9	354
139899	1190	0.03	2450	1350	285	<0.5	14	442
139900	1270	0.35	100	750	145	<0.5	18	140
139900 Rpt	1270	0.35	100	750	150	<0.5	17	142
139901	1390	0.03	2550	550	270	<0.5	12	704
Std Nominal	1710	0.03	<50	100	40	<0.5	<1	2
Determined	1690	0.02	<50	100	45	<0.5	<1	2
139902	896	0.03	2550	1600	310	<0.5	17	569
139903	854	0.03	2650	1550	320	<0.5	27	637
139904	384	0.03	2800	2850	280	<0.5	24	569
139905	3180	0.07	850	1000	155	<0.5	8	465
139906	3550	0.07	850	2450	90	<0.5	26	388
139907	1650	0.04	3500	1050	200	<0.5	14	506
139908	1110	0.03	2750	1100	240	<0.5	7	434
139909	958	0.03	2600	600	230	<0.5	7	322
139910	286	0.02	3100	1050	275	<0.5	7	323
139911	3630	0.03	1450	800	125	<0.5	4	272



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Detection Limit	2	0.01	50	50	5	0.5	1	1
139912	5290	0.05	250	350	75	<0.5	2	184
16364	1480	0.02	1350	50	740	<0.5	312	540
16365	338	0.03	950	100	300	<0.5	181	1400
16365 Rpt	326	0.03	900	100	300	<0.5	193	1340
16366	310	0.03	1900	100	340	<0.5	195	1070
16367	194	0.04	2750	100	260	<0.5	103	774
16368	252	0.05	2800	100	195	<0.5	111	935
16369	1040	0.06	3200	100	75	<0.5	48	1390
16370	148	0.09	700	100	100	<0.5	31	546
16370 Rpt	144	0.09	700	100	100	<0.5	32	543
16371	734	0.05	650	100	275	<0.5	143	372
16372	1610	0.08	400	50	100	<0.5	150	601
16373	2240	0.07	500	50	65	<0.5	80	532
16374	1470	0.08	650	50	90	<0.5	45	660
16375	630	0.07	550	<50	70	<0.5	45	403
16376	326	0.04	550	50	20	<0.5	52	204
16377	2830	0.05	750	50	50	<0.5	134	467
16378	2140	0.05	800	50	30	<0.5	76	313
16379	2840	0.05	600	<50	40	<0.5	122	409
16380	3090	0.05	600	50	40	<0.5	126	407
16381	2490	0.04	350	50	30	<0.5	96	443
16382	2160	0.06	300	50	25	<0.5	92	446
Std Nominal	1510	0.19	50	<50	230	<0.5	1	14
Determined	1550	0.20	100	50	235	<0.5	1	14
16383	2660	0.06	300	50	30	<0.5	103	418
16384	2550	0.06	400	50	50	<0.5	61	413
139913	2070	0.07	500	<50	60	<0.5	18	389
139913 Rpt	2160	0.07	500	<50	60	<0.5	19	400
139914	1760	0.07	550	<50	60	<0.5	7	338
139915	1830	0.07	550	50	60	<0.5	6	387
139916	1760	0.07	600	250	75	<0.5	7	394
139917	1900	0.06	1300	350	135	<0.5	4	479
139918	2180	0.03	1850	1250	195	<0.5	6	594
139919	1180	0.03	2450	1150	295	<0.5	13	405
139919 Rpt	1200	0.03	2500	1200	300	<0.5	14	375
139920	90	0.02	200	8.26%	10	2.5	3040	16
139921	1010	0.03	2500	2800	275	<0.5	20	547
139922	832	0.03	2550	2400	285	0.5	23	530
139923	342	0.03	2750	1750	290	<0.5	18	691
139924	962	0.03	2500	750	265	<0.5	24	676
139925	306	0.02	2800	300	285	<0.5	30	631
139926	422	0.03	3050	50	260	<0.5	34	719
139927	1390	0.09	1200	2300	155	<0.5	94	738



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	Mn ppm	Na %	P ppm	S ppm	V ppm	Ag ppm	As ppm	Ba ppm
Detection Limit	2	0.01	50	50	5	0.5	1	1
139928	2570	0.06	1400	2800	130	<0.5	16	764
139929	1200	0.04	2650	4150	230	<0.5	25	682
139930	528	0.03	3100	1950	215	<0.5	19	467
Std Nominal	5810	<0.01	50	1900	125	<0.5	2	38
Determined	5760	<0.01	100	1950	130	<0.5	3	38
139931	708	0.03	3050	1750	225	<0.5	20	520
139932	642	0.03	3150	1600	240	<0.5	16	550
139933	3320	0.04	1750	2650	125	<0.5	10	319
149371	1210	0.07	650	600	70	<0.5	14	528
149372	1230	0.07	650	1200	75	<0.5	10	514
149372 Rpt	1280	0.07	650	1200	80	<0.5	11	489
149373	2270	0.07	600	150	75	<0.5	4	447
149374	2080	0.07	750	3450	115	<0.5	71	480
149375	960	0.04	2450	400	235	<0.5	13	674
149376	374	0.04	2700	650	315	<0.5	13	637
149377	704	0.04	2650	1600	295	<0.5	15	547
149378	510	0.03	2800	1100	320	<0.5	11	743
149379	106	0.02	3100	2150	325	<0.5	26	444
149380	86	0.01	200	8.39%	10	2.5	2990	16
149381	370	0.03	2700	2300	315	<0.5	25	660
149382	104	0.02	2850	5700	330	0.5	45	519
149383	180	0.03	2750	3100	290	<0.5	42	674
149384	1460	0.03	2700	800	275	<0.5	4	384
Std Nominal	996	0.09	150	3.11%	40	<0.5	25	17
Determined	966	0.10	100	3.07%	45	<0.5	24	18
149385	1090	0.03	2600	700	235	<0.5	3	346
149386	464	0.03	2500	350	235	<0.5	3	343
149387	240	0.03	2550	250	240	<0.5	2	561
149388	3040	0.04	1400	350	140	<0.5	5	426
149388 Rpt	3080	0.04	1450	400	140	<0.5	4	425
Std Nominal	1390	1.82	100	100	220	<0.5	1	102
Determined	1390	1.85	100	50	215	<0.5	1	101
Std Nominal	1070	2.15	1300	1.74%	155	0.5	13	239
Determined	NR	NR	NR	NR	NR	NR	NR	NR
Std Nominal	620		550					
Determined	NR	NR	NR	NR	NR	NR	NR	NR



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	Bi ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm
Detection Limit	0.1	0.5	5	2	0.5	0.5	2	1
139695	0.3	<0.5	65	38	28.5	0.5	30	7
139696	<0.1	<0.5	30	24	20.0	1.0	30	4
139697	1.6	<0.5	80	18	27.0	1.0	68	9
139697 Rpt	1.5	<0.5	80	20	25.5	1.0	66	9
139698	0.6	<0.5	95	18	28.0	1.0	86	6
139699	1.6	<0.5	160	20	30.0	2.0	122	9
Std Nominal	<0.1	<0.5	750	26	3.0	1.0	1.48%	3
Determined	<0.1	<0.5	765	28	3.5	1.0	1.50%	4
139700	1.4	<0.5	160	20	29.5	2.0	124	8
139701	1.3	<0.5	330	46	33.5	2.5	212	17
139701 Rpt	1.3	<0.5	330	44	32.0	2.5	208	18
139702	0.5	<0.5	330	58	26.5	2.0	182	10
139703	1.0	<0.5	510	34	34.5	3.5	260	43
139704	1.9	<0.5	240	20	30.0	5.5	146	34
139705	0.4	0.5	580	210	16.0	1.5	318	111
139706	0.2	<0.5	210	226	15.0	0.5	70	12
139707	0.3	<0.5	80	78	17.5	<0.5	58	11
139708	0.7	<0.5	95	56	38.5	5.5	82	9
139709	0.5	<0.5	70	54	55.5	1.0	56	6
139710	0.5	<0.5	80	20	55.0	<0.5	50	6
139711	0.2	<0.5	60	96	41.0	<0.5	32	8
15412	<0.1	<0.5	20	14	8.5	<0.5	20	3
15413	<0.1	<0.5	30	12	12.0	<0.5	24	3
15414	<0.1	<0.5	30	14	17.0	<0.5	24	14
15415	0.2	<0.5	30	10	18.0	2.0	22	10
139712	0.8	0.5	740	676	20.0	9.0	880	10
139713	0.5	<0.5	1210	2130	10.5	3.0	1190	10
15425	0.1	<0.5	135	246	11.5	1.0	160	8
Std Nominal	0.9	<0.5	285	876	11.0	1.0	1.41%	5
Determined	1.0	<0.5	285	878	10.5	1.5	1.39%	6
15426	0.1	<0.5	140	124	20.5	1.0	80	12
15427	<0.1	<0.5	85	112	19.0	<0.5	66	8
15427 Rpt	<0.1	<0.5	80	116	19.0	0.5	64	8
15428	0.1	<0.5	65	150	11.0	0.5	76	7
15429	0.4	<0.5	160	250	2.5	1.0	82	5
15430	0.3	<0.5	140	512	10.5	0.5	152	6
15431	0.2	<0.5	65	344	8.0	0.5	238	5
15432	0.1	<0.5	55	252	5.0	0.5	156	4
139714	0.5	<0.5	100	362	14.5	0.5	208	6
139715	0.3	<0.5	35	22	11.0	<0.5	24	7
139716	0.2	<0.5	15	10	14.5	<0.5	30	8
139717	0.3	<0.5	15	18	12.0	0.5	24	8
139718	0.8	<0.5	575	34	12.5	0.5	192	11



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	Bi ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm
Detection Limit	0.1	0.5	5	2	0.5	0.5	2	1
139719	<0.1	<0.5	60	150	29.5	0.5	26	8
139720	<0.1	<0.5	440	76	10.0	0.5	4960	7
139721	0.3	<0.5	135	64	31.5	0.5	58	4
139722	0.7	<0.5	85	16	23.5	<0.5	64	10
139723	0.6	<0.5	85	14	36.0	<0.5	44	8
139723 Rpt	0.6	<0.5	85	16	35.0	<0.5	44	8
139724	0.4	<0.5	70	26	24.5	0.5	48	7
139725	0.3	<0.5	60	38	37.0	<0.5	48	6
139726	0.6	<0.5	445	50	37.0	2.0	216	26
139727	1.3	1.5	865	144	37.5	1.5	508	24
15488	1.7	1.0	2460	304	41.0	9.0	1330	195
15489	0.7	<0.5	1500	546	30.5	3.0	828	239
15490	0.3	<0.5	260	124	10.0	0.5	120	23
15491	0.3	<0.5	330	76	10.5	1.0	162	19
15492	0.1	<0.5	205	44	4.5	<0.5	72	10
Std Nominal	<0.1	<0.5	60	14	6.0	1.0	120	3
Determined	<0.1	<0.5	55	14	6.5	1.0	122	3
15493	0.4	<0.5	265	3440	7.5	0.5	120	13
15494	0.2	<0.5	170	248	14.0	<0.5	60	7
15495	0.2	<0.5	495	130	28.0	<0.5	94	9
139728	0.7	<0.5	55	28	25.5	1.5	42	12
139729	0.9	<0.5	60	22	26.5	5.0	44	10
139730	0.4	<0.5	110	46	44.5	1.5	104	7
139730 Rpt	0.4	<0.5	115	44	45.0	1.5	106	7
139731	<0.1	<0.5	95	8	74.5	<0.5	88	5
15513	0.1	<0.5	120	2	79.0	<0.5	100	6
15514	0.2	<0.5	65	<2	56.5	<0.5	60	5
15515	0.2	<0.5	50	<2	33.5	0.5	52	7
15515 Rpt	0.2	<0.5	55	<2	35.0	0.5	52	7
15516	0.2	<0.5	60	2	34.5	0.5	60	8
15517	<0.1	<0.5	40	38	6.0	<0.5	26	5
15518	<0.1	<0.5	25	36	10.0	1.0	24	3
15519	<0.1	<0.5	15	64	9.5	<0.5	16	3
15520	<0.1	<0.5	450	80	10.0	0.5	4930	7
15521	0.3	<0.5	30	8	22.5	1.5	58	9
15522	0.4	<0.5	1350	470	3.0	6.0	238	6
15523	1.1	<0.5	1040	394	8.5	5.0	322	11
15524	1.3	<0.5	980	356	3.5	3.5	316	13
15525	1.3	<0.5	890	388	13.5	3.0	304	11
Std Nominal	<0.1	<0.5	155	316	7.5	2.0	6930	3
Determined	<0.1	<0.5	160	320	8.0	2.0	6990	3
15526	1.2	<0.5	1770	1030	13.5	4.0	288	14
15527	0.3	<0.5	1500	2450	19.5	3.0	602	13



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	Bi ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm
Detection Limit	0.1	0.5	5	2	0.5	0.5	2	1
15528	0.8	<0.5	170	424	4.5	1.5	46	11
15529	0.5	<0.5	280	396	8.5	4.0	84	7
15529 Rpt	0.5	<0.5	280	390	8.5	4.0	84	7
15530	0.7	<0.5	90	592	12.0	1.0	118	10
15531	0.5	<0.5	330	396	12.0	1.0	154	10
15532	1.8	<0.5	290	700	23.5	1.0	166	15
15533	1.2	<0.5	160	1.35%	17.5	2.0	178	12
15534	2.4	<0.5	215	2150	9.0	1.5	100	17
15535	0.3	<0.5	180	220	4.0	1.0	66	6
15536	0.5	<0.5	125	288	7.5	1.0	76	7
15537	1.1	<0.5	150	498	9.5	1.0	178	21
139732	0.2	<0.5	100	154	23.0	0.5	78	9
139733	0.6	<0.5	110	14	14.5	<0.5	32	7
139734	0.3	<0.5	15	6	14.5	<0.5	28	8
139735	0.3	<0.5	15	10	13.5	<0.5	28	8
139735 Rpt	0.3	<0.5	15	12	14.5	0.5	26	8
139736	0.4	<0.5	35	74	16.0	0.5	28	11
139737	<0.1	<0.5	35	38	25.5	<0.5	20	6
139738	<0.1	<0.5	145	16	22.0	0.5	20	3
139739	0.4	<0.5	60	8	31.0	<0.5	44	7
139740	49.0	<0.5	2440	3.13%	11.0	11.0	114	428
139741	0.2	<0.5	100	36	33.5	<0.5	74	6
139742	<0.1	<0.5	130	26	29.5	<0.5	126	4
139743	0.3	<0.5	140	28	28.0	0.5	128	7
139744	0.6	0.5	210	34	36.5	4.5	156	12
15589	1.3	<0.5	225	36	40.0	2.0	168	15
15590	1.7	<0.5	95	2	42.0	1.0	80	18
15590 Rpt	1.7	<0.5	95	2	44.5	1.5	80	19
15591	0.9	1.0	345	216	27.0	1.0	218	25
15592	0.5	1.0	650	542	19.5	1.0	406	16
15593	0.2	<0.5	165	108	18.5	<0.5	122	11
15594	0.2	<0.5	145	170	15.0	0.5	78	21
15595	0.1	<0.5	170	190	12.0	1.0	60	89
15596	0.2	<0.5	620	600	13.5	0.5	264	30
15596 Rpt	0.3	<0.5	615	592	13.0	0.5	258	33
15597	0.2	<0.5	700	114	11.0	<0.5	382	23
15598	0.2	<0.5	700	62	6.5	<0.5	296	18
15599	0.4	<0.5	795	24	11.5	0.5	294	16
Std Nominal	0.3	<0.5	<5	10	12.0	3.5	8	36
Determined	0.3	<0.5	<5	12	13.0	3.5	4	38
15600	50.2	<0.5	2430	3.12%	11.0	11.0	114	430
15601	0.2	<0.5	570	46	32.0	1.5	98	14
139745	0.2	<0.5	55	30	15.0	<0.5	34	7



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	Bi ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm
Detection Limit	0.1	0.5	5	2	0.5	0.5	2	1
139746	0.2	<0.5	40	<2	20.5	0.5	30	5
139747	0.1	<0.5	45	<2	40.5	0.5	30	4
139748	0.1	<0.5	45	4	47.5	<0.5	20	6
139749	0.3	<0.5	45	16	30.5	<0.5	20	6
139750	<0.1	<0.5	20	6	14.0	<0.5	18	4
15627	1.2	<0.5	570	794	28.5	10.0	224	35
Std Nominal	3.0	9.0	45	1500	9.5	67.0	74	521
Determined	2.9	9.0	45	1520	9.5	65.5	74	519
15628	0.2	<0.5	550	398	14.0	6.5	86	11
15628 Rpt	0.2	<0.5	550	398	13.5	6.0	86	10
15629	<0.1	<0.5	405	416	6.5	7.5	48	5
15630	0.2	<0.5	195	474	12.5	3.0	66	9
15631	0.5	<0.5	220	1180	20.5	1.5	358	11
15632	0.5	<0.5	260	374	7.0	2.0	128	12
15633	0.3	<0.5	320	1060	8.5	2.0	138	6
15633 Rpt	0.3	<0.5	325	1070	9.0	2.0	142	6
15634	0.3	<0.5	690	2720	13.0	2.5	218	8
15635	0.1	<0.5	415	1900	7.5	1.0	152	5
15636	0.2	<0.5	80	1040	7.0	1.0	124	7
15637	<0.1	<0.5	100	1070	6.0	0.5	90	6
15638	0.5	<0.5	335	1190	24.5	1.0	126	10
139751	0.1	<0.5	50	266	19.0	0.5	54	6
139752	0.4	<0.5	35	38	12.5	<0.5	26	8
139753	0.3	<0.5	15	16	11.5	0.5	26	9
139754	0.4	<0.5	15	10	12.5	0.5	26	9
139755	0.3	<0.5	30	34	16.5	<0.5	24	6
139756	0.3	<0.5	100	2	22.0	<0.5	26	4
139757	1.1	<0.5	60	<2	41.0	<0.5	30	6
139758	0.3	<0.5	55	<2	54.5	<0.5	42	5
139759	0.3	<0.5	90	<2	41.0	<0.5	70	5
139759 Rpt	0.3	<0.5	90	<2	43.0	<0.5	70	6
139760	0.3	<0.5	85	<2	44.5	<0.5	66	6
139761	0.4	<0.5	90	2	31.5	0.5	78	7
139762	0.9	<0.5	145	6	50.5	1.5	128	8
139763	1.0	<0.5	225	46	39.0	2.0	186	23
139764	1.0	<0.5	200	60	31.0	1.0	150	28
139765	0.2	<0.5	320	102	13.0	0.5	136	31
139766	0.3	<0.5	290	92	17.5	<0.5	110	11
139767	0.2	<0.5	65	26	26.0	<0.5	26	4
Std Nominal	<0.1	<0.5	5	4	2.0	<0.5	252	5
Determined	<0.1	<0.5	<5	2	1.5	<0.5	254	5
139768	0.3	<0.5	60	2	39.0	<0.5	30	7
139769	0.1	<0.5	60	<2	44.0	<0.5	30	4



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	Bi ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm
Detection Limit	0.1	0.5	5	2	0.5	0.5	2	1
139770	<0.1	<0.5	85	38	55.0	<0.5	40	3
15719	<0.1	<0.5	50	6	27.0	<0.5	28	3
15720	<0.1	<0.5	50	2	28.0	<0.5	28	3
15721	<0.1	<0.5	30	20	10.0	<0.5	16	5
15722	<0.1	<0.5	10	4	6.0	<0.5	6	2
15722 Rpt	<0.1	<0.5	10	6	6.5	<0.5	6	2
15723	<0.1	<0.5	15	6	8.0	<0.5	16	2
15724	<0.1	<0.5	20	2	9.5	<0.5	14	2
15725	<0.1	<0.5	15	8	9.0	<0.5	14	2
15726	<0.1	<0.5	15	18	10.5	<0.5	14	5
15727	<0.1	<0.5	15	2	12.5	<0.5	16	5
15728	0.1	<0.5	30	<2	25.0	2.5	28	7
15729	0.2	<0.5	45	2	36.5	0.5	28	5
15730	0.4	<0.5	55	90	33.5	<0.5	26	4
15731	0.3	<0.5	65	66	44.5	<0.5	24	4
15732	0.7	<0.5	745	712	40.5	15.0	174	37
15733	0.5	<0.5	365	670	20.0	6.0	98	20
15734	0.3	<0.5	375	620	18.5	5.0	88	20
15735	0.4	<0.5	40	1000	18.0	1.0	132	11
15736	2.5	<0.5	145	1860	11.0	2.5	70	18
15736 Rpt	2.5	<0.5	140	1820	11.0	2.5	70	19
15737	0.4	<0.5	100	254	7.0	1.0	74	8
15738	0.1	<0.5	30	56	11.5	0.5	46	9
15738 Rpt	0.1	<0.5	30	56	11.0	0.5	46	10
15739	0.1	<0.5	55	108	7.0	1.5	30	8
139771	0.8	<0.5	35	14	15.5	0.5	26	8
139772	0.4	<0.5	15	10	13.0	0.5	26	10
Std Nominal	<0.1	<0.5	210	10	4.0	1.0	2000	2
Determined	<0.1	<0.5	205	10	4.0	1.0	2010	2
139773	0.4	<0.5	15	72	12.0	0.5	34	9
139774	0.4	<0.5	15	6	11.0	<0.5	28	9
139775	0.2	<0.5	20	12	18.0	<0.5	20	8
139776	<0.1	<0.5	25	50	23.5	<0.5	16	4
139777	0.1	<0.5	45	<2	34.5	<0.5	40	4
139778	0.4	<0.5	55	394	36.0	1.0	34	12
139779	0.1	<0.5	80	82	42.0	0.5	34	8
139780	<0.1	<0.5	450	80	11.0	0.5	5030	8
139781	<0.1	<0.5	80	22	42.5	0.5	36	6
139782	<0.1	<0.5	60	28	46.5	1.0	26	6
139783	0.1	<0.5	55	32	49.0	0.5	36	7
139784	0.2	<0.5	50	186	33.0	<0.5	32	9
139785	<0.1	<0.5	20	22	11.0	<0.5	14	7
139786	<0.1	<0.5	20	64	15.0	<0.5	20	5



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	Bi ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm
Detection Limit	0.1	0.5	5	2	0.5	0.5	2	1
139787	<0.1	<0.5	45	62	19.0	<0.5	24	4
139788	<0.1	<0.5	80	12	47.5	<0.5	36	5
139789	<0.1	<0.5	65	26	59.0	<0.5	34	5
139790	0.2	<0.5	85	28	57.5	4.5	40	6
139791	<0.1	<0.5	35	4	33.0	1.0	26	5
139791 Rpt	<0.1	<0.5	35	4	31.0	1.0	26	5
139792	<0.1	<0.5	10	8	8.0	0.5	10	4
139793	<0.1	<0.5	20	114	17.0	0.5	16	4
139794	0.3	<0.5	80	168	34.5	1.0	52	6
139795	0.3	<0.5	50	106	9.0	2.0	32	15
139795 Rpt	0.3	<0.5	50	104	9.0	2.5	34	15
139796	0.6	<0.5	15	30	13.0	1.0	26	12
139797	0.6	<0.5	10	4	10.0	0.5	20	13
Std Nominal	0.1	<0.5	95	1760	3.0	<0.5	1020	3
Determined	0.1	<0.5	90	1760	3.0	<0.5	1020	3
139798	0.6	<0.5	15	12	9.5	0.5	26	13
139799	0.6	<0.5	15	14	10.5	1.0	28	13
139800	49.4	<0.5	2440	3.14%	11.0	10.5	116	426
139801	0.6	<0.5	15	50	9.5	2.0	24	14
139802	0.3	<0.5	30	60	18.5	1.0	16	7
139803	<0.1	<0.5	50	20	30.5	0.5	24	5
139803 Rpt	<0.1	<0.5	50	18	29.5	<0.5	24	4
139804	<0.1	<0.5	50	16	28.5	0.5	18	4
139805	<0.1	<0.5	40	16	30.0	0.5	20	4
139806	<0.1	<0.5	45	30	32.0	0.5	20	6
139807	<0.1	<0.5	40	20	35.0	1.0	26	8
Std Nominal	<0.1	<0.5	750	26	3.0	1.0	1.48%	3
Determined	<0.1	<0.5	770	28	3.0	1.0	1.50%	3
139808	<0.1	<0.5	45	14	36.5	1.5	24	6
139809	0.1	<0.5	30	8	9.0	2.5	26	3
139810	0.1	<0.5	15	4	8.0	<0.5	12	6
139811	<0.1	<0.5	10	4	4.5	<0.5	10	3
139812	0.2	<0.5	20	24	18.0	0.5	16	4
139813	0.2	<0.5	50	32	30.0	0.5	12	5
139814	<0.1	<0.5	40	22	28.5	1.0	10	5
139815	<0.1	<0.5	35	26	40.5	1.0	14	6
139815 Rpt	<0.1	<0.5	35	26	38.0	1.0	14	5
139816	<0.1	<0.5	40	28	38.0	1.0	12	8
139817	<0.1	<0.5	15	16	14.0	1.0	10	4
139818	<0.1	<0.5	5	4	5.5	1.0	10	5
139819	0.1	<0.5	35	48	22.0	<0.5	24	3
139820	0.1	<0.5	35	38	22.5	<0.5	24	4
139821	<0.1	<0.5	40	40	31.5	0.5	16	4



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	Bi ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm
Detection Limit	0.1	0.5	5	2	0.5	0.5	2	1
15943	0.5	<0.5	305	398	25.0	9.5	126	29
15944	0.2	<0.5	125	282	15.5	8.0	52	13
15945	0.4	<0.5	240	404	23.0	7.0	96	25
15946	0.3	<0.5	140	302	16.0	3.5	62	16
15947	0.2	<0.5	40	222	13.5	1.0	62	10
15948	0.3	<0.5	200	340	22.5	4.5	84	23
15949	<0.1	<0.5	10	54	5.5	0.5	14	4
15950	0.2	<0.5	140	208	18.0	2.0	72	14
139822	0.4	<0.5	25	28	17.5	0.5	26	8
139823	0.5	<0.5	15	38	16.0	0.5	26	12
139823 Rpt	0.5	<0.5	15	36	16.5	0.5	26	12
139824	0.5	<0.5	10	10	12.5	0.5	20	12
139825	0.8	<0.5	15	20	13.0	0.5	26	13
139826	0.6	<0.5	15	6	13.5	1.0	20	12
139827	0.3	<0.5	25	6	30.0	0.5	20	6
139828	0.3	<0.5	70	2	37.0	<0.5	36	7
139829	0.1	<0.5	75	4	44.0	<0.5	28	8
Std Nominal	0.9	<0.5	285	876	11.0	1.0	1.41%	5
Determined	0.9	<0.5	280	872	11.5	1.0	1.38%	5
139830	0.2	<0.5	90	20	57.0	<0.5	32	8
139831	<0.1	<0.5	80	20	44.0	<0.5	36	7
139832	<0.1	<0.5	50	14	55.5	<0.5	38	7
139833	0.3	<0.5	60	14	59.0	1.0	42	7
139833 Rpt	0.3	<0.5	60	12	59.0	1.0	40	7
139834	0.2	<0.5	25	6	15.0	1.0	16	5
139835	<0.1	<0.5	15	<2	11.5	<0.5	14	4
139836	0.4	<0.5	20	32	16.0	0.5	16	7
139837	0.6	<0.5	75	62	25.5	<0.5	26	8
139838	0.2	<0.5	75	26	62.5	<0.5	28	9
139839	<0.1	<0.5	45	<2	58.0	<0.5	12	8
139840	<0.1	<0.5	445	78	10.5	0.5	5010	7
139841	0.2	<0.5	55	2	42.5	0.5	26	8
139842	0.2	<0.5	30	4	18.5	1.0	18	6
139842 Rpt	0.2	<0.5	30	4	19.5	1.0	18	6
139843	0.1	<0.5	10	4	9.0	1.0	14	4
139844	0.1	<0.5	20	44	19.5	0.5	14	4
Std Nominal	<0.1	<0.5	60	14	6.0	1.0	120	3
Determined	<0.1	<0.5	55	12	6.5	1.0	122	3
139845	0.4	<0.5	50	26	36.0	<0.5	16	6
16048	0.7	<0.5	900	878	40.0	10.0	240	41
16049	1.2	<0.5	625	702	43.0	9.5	174	56
16050	0.2	<0.5	270	362	13.5	1.5	72	9
16051	0.4	<0.5	90	254	17.0	1.5	58	13



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	Bi ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm
Detection Limit	0.1	0.5	5	2	0.5	0.5	2	1
16052	0.4	<0.5	55	178	18.0	1.5	72	13
16053	0.1	<0.5	40	88	7.5	1.0	54	5
16054	<0.1	<0.5	25	50	7.0	0.5	44	5
16055	0.1	<0.5	100	130	8.0	11.0	36	7
16056	<0.1	<0.5	45	100	9.5	2.5	36	6
16056 Rpt	0.1	<0.5	45	100	10.0	2.5	34	6
16057	0.3	<0.5	35	90	11.0	1.5	28	6
16058	<0.1	<0.5	15	10	5.5	1.0	16	5
16059	0.5	<0.5	20	10	10.0	1.0	20	8
16060	49.6	<0.5	2360	3.12%	11.0	10.0	116	427
139846	0.5	<0.5	15	12	16.5	1.5	20	12
139847	0.5	<0.5	10	10	11.0	1.0	24	12
139848	0.4	<0.5	15	4	12.0	0.5	20	11
139848 Rpt	0.5	<0.5	10	2	12.5	0.5	20	11
139849	0.6	<0.5	10	<2	12.5	1.0	20	11
139849 Rpt	0.6	<0.5	10	<2	11.5	1.0	22	12
139850	0.8	<0.5	10	6	10.0	1.0	16	10
139851	<0.1	<0.5	20	72	25.5	<0.5	16	5
Std Nominal	<0.1	<0.5	155	316	7.5	2.0	6930	3
Determined	<0.1	<0.5	155	320	8.0	2.0	6980	4
139852	0.1	<0.5	50	2	36.0	1.0	28	5
139853	<0.1	<0.5	50	<2	52.0	1.0	30	4
139854	<0.1	<0.5	50	<2	47.0	<0.5	26	4
139855	<0.1	<0.5	85	36	49.0	<0.5	28	6
139856	<0.1	<0.5	50	32	67.5	1.0	28	6
139857	0.1	<0.5	60	36	69.0	<0.5	30	9
139858	<0.1	<0.5	35	6	28.5	<0.5	26	6
139859	<0.1	<0.5	10	2	12.0	<0.5	12	4
139860	50.2	<0.5	2450	3.22%	10.5	10.5	118	431
139861	0.2	<0.5	15	12	13.0	0.5	12	6
139862	0.5	<0.5	50	4	29.5	0.5	26	7
139863	0.2	<0.5	55	2	44.5	<0.5	26	5
139864	0.2	<0.5	55	<2	51.5	3.0	26	8
139865	0.4	<0.5	55	10	62.5	1.0	16	9
16141	0.8	<0.5	50	18	43.5	<0.5	24	7
16142	0.3	<0.5	50	10	33.0	0.5	28	6
16143	<0.1	<0.5	20	8	18.0	<0.5	16	3
16144	<0.1	<0.5	20	4	10.5	<0.5	16	2
16145	<0.1	<0.5	10	2	12.5	0.5	16	3
16146	<0.1	<0.5	15	6	15.0	<0.5	16	2
16147	<0.1	<0.5	15	<2	18.0	<0.5	16	4
Std Nominal	0.3	<0.5	<5	10	12.0	3.5	8	36
Determined	0.3	<0.5	<5	12	12.5	3.0	6	37



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	Bi ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm
Detection Limit	0.1	0.5	5	2	0.5	0.5	2	1
16148	<0.1	<0.5	20	10	25.5	<0.5	24	5
16149	0.2	<0.5	35	10	31.0	1.0	26	5
16150	<0.1	<0.5	40	12	34.5	<0.5	24	2
16151	0.2	<0.5	60	186	37.5	<0.5	28	3
16151 Rpt	0.2	<0.5	60	190	38.0	<0.5	26	4
16152	0.2	<0.5	50	40	33.0	<0.5	20	4
16153	0.6	<0.5	430	620	24.5	7.0	148	34
16153 Rpt	0.6	<0.5	430	636	25.5	7.0	150	34
16154	0.4	<0.5	100	580	10.5	1.0	60	14
16155	0.3	<0.5	200	760	16.5	1.0	92	14
16156	0.3	<0.5	140	676	18.0	1.5	86	14
16157	0.2	<0.5	35	442	18.5	3.0	144	9
16158	0.1	<0.5	30	92	8.5	1.0	44	5
16159	0.3	<0.5	50	86	15.0	1.5	74	11
16160	<0.1	<0.5	445	80	11.0	0.5	5050	8
16161	0.6	<0.5	80	112	22.5	3.0	84	20
139866	0.2	<0.5	10	4	8.0	1.0	14	6
139867	0.2	<0.5	35	170	8.5	1.0	108	7
139868	0.4	<0.5	35	192	14.5	1.0	108	10
139868 Rpt	0.4	<0.5	35	192	14.5	1.0	108	10
139869	0.4	<0.5	10	20	12.0	0.5	30	10
139870	0.4	<0.5	10	8	11.0	0.5	24	11
139871	0.6	<0.5	10	4	12.0	0.5	26	11
139872	0.6	<0.5	10	4	11.5	1.0	18	12
139873	0.5	<0.5	15	4	19.0	1.5	18	10
139874	0.1	<0.5	20	<2	26.0	0.5	18	5
139875	0.2	<0.5	55	2	47.5	<0.5	28	6
139876	<0.1	<0.5	105	6	43.0	<0.5	30	3
139877	<0.1	<0.5	35	6	43.5	<0.5	28	4
139878	0.1	<0.5	50	32	55.0	<0.5	42	7
Std Nominal	3.0	9.0	45	1500	9.5	67.0	74	521
Determined	3.1	9.0	50	1520	10.0	66.0	74	514
139879	0.1	<0.5	70	82	62.0	0.5	42	10
139880	0.1	<0.5	70	66	52.0	0.5	42	9
139880 Rpt	0.1	<0.5	70	68	56.0	<0.5	44	9
139881	0.3	<0.5	90	78	59.0	<0.5	54	11
139882	0.3	<0.5	40	18	24.5	<0.5	30	8
139883	<0.1	<0.5	25	<2	10.0	<0.5	18	4
139884	0.2	<0.5	180	12	24.5	<0.5	72	7
139885	0.2	<0.5	65	4	28.0	<0.5	24	5
139886	0.2	<0.5	60	4	38.0	0.5	24	6
139887	<0.1	<0.5	55	40	48.0	3.0	24	6
139888	0.2	<0.5	100	52	60.0	<0.5	44	4



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	Bi ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm
Detection Limit	0.1	0.5	5	2	0.5	0.5	2	1
139889	<0.1	<0.5	10	<2	10.0	<0.5	14	3
16258	0.7	<0.5	410	506	22.0	10.0	160	30
16259	0.8	<0.5	580	772	31.0	12.0	192	29
16260	48.5	<0.5	2440	3.13%	11.0	11.0	116	438
16261	0.2	<0.5	1640	1030	28.0	8.5	266	12
16262	0.2	<0.5	400	498	13.0	3.5	156	7
16263	0.1	<0.5	410	496	15.0	2.0	186	8
16264	<0.1	<0.5	100	146	12.0	1.0	90	5
16265	0.4	<0.5	200	14	19.0	1.0	82	9
16266	0.2	<0.5	50	14	24.5	2.0	32	7
16267	0.1	<0.5	15	6	8.5	1.0	16	5
16268	0.2	<0.5	80	166	10.5	1.0	34	6
16269	0.1	<0.5	110	548	12.0	1.0	44	7
16270	0.2	<0.5	30	34	8.5	1.0	16	5
139890	<0.1	<0.5	180	444	8.5	1.0	208	6
139891	0.6	<0.5	50	98	17.0	1.0	58	10
139891 Rpt	0.5	<0.5	55	96	17.5	1.0	56	11
139892	0.4	<0.5	25	26	12.0	0.5	34	10
139892 Rpt	0.4	<0.5	20	26	12.0	0.5	34	10
139893	0.5	<0.5	15	6	12.0	0.5	42	11
139894	0.4	<0.5	15	4	12.5	0.5	28	9
Std Nominal	<0.1	<0.5	5	4	2.0	<0.5	252	5
Determined	<0.1	<0.5	5	4	2.0	<0.5	254	5
139895	0.3	<0.5	20	118	23.5	0.5	24	9
139896	<0.1	<0.5	20	18	23.5	<0.5	14	3
139897	0.4	<0.5	55	4	49.0	0.5	38	6
139898	0.2	<0.5	335	264	40.5	<0.5	38	8
139899	0.1	<0.5	70	28	46.5	0.5	42	8
139900	<0.1	<0.5	440	78	10.5	0.5	5010	7
139900 Rpt	<0.1	<0.5	445	78	10.0	1.0	4970	8
139901	<0.1	<0.5	60	48	37.0	<0.5	42	5
Std Nominal	<0.1	<0.5	210	10	4.0	1.0	2000	2
Determined	<0.1	<0.5	210	8	4.0	1.0	1980	2
139902	0.2	<0.5	75	36	53.5	0.5	46	9
139903	0.3	<0.5	120	16	38.5	2.5	84	10
139904	0.9	<0.5	120	40	31.5	1.5	86	43
139905	0.1	<0.5	165	36	19.5	<0.5	92	15
139906	0.3	<0.5	735	46	14.0	1.5	320	13
139907	0.2	<0.5	35	20	15.5	0.5	20	5
139908	0.1	<0.5	95	76	30.5	<0.5	20	5
139909	<0.1	<0.5	60	4	40.5	<0.5	26	3
139910	<0.1	<0.5	90	10	53.5	<0.5	34	3
139911	0.2	<0.5	30	12	14.5	0.5	18	4



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Detection Limit	0.1	0.5	5	2	0.5	0.5	2	1
139912	<0.1	<0.5	20	4	13.0	<0.5	16	4
16364	0.6	<0.5	475	818	20.5	10.5	218	26
16365	0.3	<0.5	240	320	17.0	10.0	286	5
16365 Rpt	0.2	<0.5	230	322	17.0	10.0	280	5
16366	0.2	<0.5	310	428	23.5	8.5	348	4
16367	0.5	<0.5	510	420	22.0	3.5	486	7
16368	0.4	<0.5	380	712	12.5	1.5	484	6
16369	0.7	<0.5	1130	894	6.0	3.0	394	8
16370	<0.1	<0.5	480	680	15.5	1.0	600	8
16370 Rpt	<0.1	<0.5	475	674	15.0	1.0	596	8
16371	0.3	<0.5	225	596	15.0	5.0	158	13
16372	<0.1	<0.5	300	566	18.0	2.0	104	8
16373	0.2	<0.5	120	254	14.0	1.0	32	8
16374	0.3	<0.5	45	40	21.5	1.0	30	8
16375	0.3	<0.5	70	60	16.0	1.0	32	9
16376	<0.1	<0.5	100	272	5.0	1.0	72	4
16377	0.6	<0.5	225	418	11.0	1.0	110	9
16378	0.1	<0.5	45	58	7.0	0.5	18	5
16379	0.1	<0.5	180	526	9.0	1.0	316	6
16380	0.1	<0.5	175	510	10.0	1.0	296	6
16381	<0.1	<0.5	420	1000	8.5	0.5	576	5
16382	<0.1	<0.5	315	948	8.0	0.5	550	6
Std Nominal	0.1	<0.5	95	1760	3.0	<0.5	1020	3
Determined	0.1	<0.5	100	1800	3.0	<0.5	1050	3
16383	<0.1	<0.5	320	944	8.0	1.0	460	5
16384	0.3	<0.5	160	416	13.5	1.0	220	7
139913	0.4	<0.5	30	44	13.0	0.5	40	10
139913 Rpt	0.4	<0.5	30	46	13.5	0.5	40	10
139914	0.4	<0.5	20	32	10.5	0.5	32	10
139915	0.3	<0.5	25	22	10.5	<0.5	30	9
139916	0.5	<0.5	20	12	11.5	0.5	28	10
139917	0.3	<0.5	30	94	18.5	0.5	26	9
139918	0.3	<0.5	40	10	20.5	<0.5	14	4
139919	0.3	<0.5	105	2	41.5	<0.5	40	5
139919 Rpt	0.3	<0.5	100	4	45.5	<0.5	42	5
139920	49.3	<0.5	2420	3.14%	10.5	11.5	114	443
139921	0.4	<0.5	80	14	31.0	<0.5	48	7
139922	0.2	<0.5	75	24	23.5	<0.5	52	5
139923	0.1	<0.5	60	12	27.5	<0.5	42	4
139924	0.8	<0.5	75	36	26.5	<0.5	56	16
139925	0.6	<0.5	135	38	35.0	0.5	96	36
139926	1.4	<0.5	130	48	26.0	<0.5	96	27
139927	0.2	<0.5	545	126	18.0	1.0	260	64



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	Bi ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm
Detection Limit	0.1	0.5	5	2	0.5	0.5	2	1
139928	0.4	<0.5	485	34	15.5	0.5	192	11
139929	0.7	<0.5	45	10	16.0	1.0	30	12
139930	1.1	<0.5	65	12	21.5	2.0	48	13
Std Nominal	<0.1	<0.5	750	26	3.0	1.0	1.48%	3
Determined	<0.1	<0.5	750	24	3.0	1.0	1.49%	6
139931	1.3	<0.5	110	32	26.5	4.0	94	16
139932	0.9	<0.5	80	12	33.5	9.0	74	11
139933	0.5	<0.5	35	94	14.5	16.0	34	13
149371	0.3	<0.5	70	40	16.5	<0.5	42	7
149372	0.4	<0.5	30	14	14.0	0.5	40	9
149372 Rpt	0.4	<0.5	30	16	14.0	0.5	42	9
149373	0.3	<0.5	15	6	13.5	0.5	28	9
149374	1.9	<0.5	50	10	15.0	22.0	38	11
149375	1.5	<0.5	40	32	30.0	1.5	36	9
149376	0.5	<0.5	50	80	29.5	1.0	32	7
149377	0.6	<0.5	70	6	46.0	0.5	60	10
149378	0.4	<0.5	90	14	44.5	1.0	60	6
149379	0.7	<0.5	220	46	35.0	2.5	198	12
149380	48.8	<0.5	2470	3.25%	10.0	11.5	114	438
149381	0.9	<0.5	115	32	34.5	1.5	82	10
149382	1.1	<0.5	490	108	41.5	3.5	378	18
149383	0.7	0.5	275	68	35.5	2.0	192	69
149384	0.2	<0.5	90	16	30.5	1.0	44	7
Std Nominal	0.9	<0.5	285	876	11.0	1.0	1.41%	5
Determined	0.9	<0.5	285	864	11.5	1.0	1.39%	5
149385	0.1	<0.5	60	16	36.0	1.0	20	13
149386	0.1	<0.5	50	16	48.5	1.0	28	5
149387	<0.1	<0.5	50	32	52.0	1.0	30	3
149388	0.2	<0.5	40	28	18.5	0.5	28	6
149388 Rpt	0.2	<0.5	40	30	18.5	0.5	30	6
Std Nominal	<0.1	<0.5	60	14	6.0	1.0	120	3
Determined	<0.1	<0.5	65	14	6.0	1.0	124	2
Std Nominal	<0.1	<0.5	155	316	7.5	2.0	6930	3
Determined	NR	NR	NR	NR	NR	NR	NR	NR
Std Nominal			1.50%	4480				
Determined	NR	NR	NR	NR	NR	NR	NR	NR



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	Zn ppm	U ppm	Th ppm
Detection Limit	2	0.1	0.1
139695	30	7.7	15.7
139696	28	5.1	11.5
139697	34	5.3	11.8
139697 Rpt	32	5.3	11.5
139698	36	4.4	12.2
139699	68	3.2	12.1
Std Nominal	516	0.2	0.2
Determined	518	0.3	0.2
139700	68	3.1	11.6
139701	112	6.0	12.6
139701 Rpt	110	5.9	12.6
139702	98	6.5	12.6
139703	62	3.4	13.1
139704	130	3.4	12.5
139705	92	5.6	15.9
139706	58	6.0	11.8
139707	40	4.5	11.7
139708	50	7.2	12.7
139709	78	4.4	12.4
139710	136	3.7	13.1
139711	126	2.6	9.5
15412	22	1.8	5.9
15413	32	2.4	7.5
15414	32	4.9	9.0
15415	38	13.4	9.2
139712	156	3.2	10.3
139713	140	5.2	16.1
15425	56	3.3	18.6
Std Nominal	76	0.3	1.1
Determined	78	0.3	1.2
15426	68	4.8	24.0
15427	36	3.7	24.4
15427 Rpt	34	3.7	24.7
15428	22	2.6	17.0
15429	8	1.1	5.0
15430	18	2.8	18.5
15431	20	2.3	14.4
15432	14	1.5	8.2
139714	36	2.2	14.4
139715	32	2.1	17.0
139716	38	2.6	19.0
139717	44	2.9	17.5
139718	34	6.3	18.8



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	Zn ppm	U ppm	Th ppm
Detection Limit	2	0.1	0.1
139719	20	20.0	12.2
139720	96	1.0	2.8
139721	42	4.5	12.1
139722	32	4.1	12.4
139723	72	3.0	11.2
139723 Rpt	72	2.9	11.1
139724	30	4.3	11.9
139725	48	3.5	10.9
139726	106	3.7	12.1
139727	266	4.0	12.7
15488	170	6.3	21.9
15489	110	6.0	25.8
15490	74	3.1	10.0
15491	58	3.5	11.3
15492	48	1.8	5.5
Std Nominal	68	0.3	0.5
Determined	66	0.3	0.6
15493	42	2.7	8.5
15494	28	3.0	12.1
15495	50	8.5	19.7
139728	34	8.7	12.6
139729	36	7.2	14.0
139730	50	5.5	13.8
139730 Rpt	48	5.8	13.7
139731	96	3.9	12.8
15513	114	4.0	14.2
15514	74	3.8	12.0
15515	44	5.6	13.0
15515 Rpt	46	5.7	13.2
15516	48	12.5	16.2
15517	12	2.4	6.7
15518	20	1.6	4.7
15519	14	1.7	6.0
15520	98	1.0	2.9
15521	42	4.6	12.3
15522	28	5.4	11.4
15523	62	4.7	11.2
15524	46	6.1	12.1
15525	44	7.1	12.0
Std Nominal	104	0.7	2.8
Determined	106	0.7	2.7
15526	34	10.0	13.3
15527	86	9.7	27.4



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	Zn ppm	U ppm	Th ppm
Detection Limit	2	0.1	0.1
15528	14	2.0	7.7
15529	48	2.3	7.4
15529 Rpt	48	2.3	7.9
15530	40	4.3	24.0
15531	46	3.1	16.3
15532	60	4.6	27.6
15533	48	3.9	20.2
15534	22	3.1	19.2
15535	12	1.4	7.7
15536	12	2.4	14.8
15537	30	5.1	26.0
139732	48	2.9	21.4
139733	36	2.4	17.8
139734	42	2.8	18.5
139735	40	3.8	17.2
139735 Rpt	40	3.7	16.8
139736	28	11.3	15.8
139737	18	18.2	11.1
139738	22	6.5	10.7
139739	32	5.5	11.5
139740	36	1.4	3.1
139741	48	3.5	12.0
139742	36	5.2	12.7
139743	94	5.7	13.3
139744	148	6.0	13.2
15589	88	7.4	14.2
15590	94	4.2	13.1
15590 Rpt	92	4.6	12.9
15591	276	3.9	13.2
15592	194	3.2	9.4
15593	46	7.1	13.8
15594	44	5.3	12.8
15595	66	3.3	8.0
15596	88	3.9	10.8
15596 Rpt	90	4.1	11.6
15597	90	3.0	10.2
15598	50	2.3	10.2
15599	90	3.5	13.8
Std Nominal	50	17.3	51.0
Determined	52	17.6	53.2
15600	38	1.5	3.2
15601	38	18.0	15.3
139745	34	5.3	10.1



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	Zn ppm	U ppm	Th ppm
Detection Limit	2	0.1	0.1
139746	32	5.2	12.2
139747	56	3.6	11.7
139748	134	2.6	11.6
139749	54	2.6	9.3
139750	28	2.4	9.1
15627	10	7.2	16.7
Std Nominal	5200	0.8	2.7
Determined	5290	0.8	2.7
15628	20	3.1	6.4
15628 Rpt	18	3.2	6.6
15629	20	1.7	4.7
15630	18	3.1	10.8
15631	72	4.7	25.9
15632	32	2.1	10.4
15633	30	1.6	9.7
15633 Rpt	34	1.7	10.4
15634	36	3.1	17.7
15635	30	1.7	8.8
15636	22	2.3	10.6
15637	18	1.5	8.0
15638	38	3.5	21.9
139751	40	2.5	20.4
139752	38	2.1	16.0
139753	40	2.6	16.6
139754	34	3.4	16.8
139755	20	6.0	11.4
139756	22	2.9	10.7
139757	50	2.4	11.0
139758	92	2.4	11.8
139759	54	4.8	13.8
139759 Rpt	54	5.0	13.8
139760	56	4.5	13.2
139761	44	5.6	12.6
139762	58	4.6	13.2
139763	138	5.8	14.0
139764	78	5.5	13.3
139765	50	4.4	13.5
139766	32	7.9	13.3
139767	28	4.4	11.4
Std Nominal	10	<0.1	0.1
Determined	8	<0.1	0.1
139768	50	3.5	12.0
139769	62	3.3	11.9



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	Zn ppm	U ppm	Th ppm
Detection Limit	2	0.1	0.1
139770	84	2.9	11.8
15719	42	4.4	11.3
15720	38	4.2	11.6
15721	20	6.9	8.7
15722	6	1.3	3.8
15722 Rpt	8	1.2	3.6
15723	28	1.8	6.4
15724	20	1.9	6.1
15725	16	1.6	6.7
15726	18	2.2	8.1
15727	20	2.3	8.1
15728	40	4.5	11.4
15729	60	3.7	8.6
15730	72	3.1	8.2
15731	58	4.0	9.2
15732	44	5.4	14.6
15733	14	5.0	11.1
15734	18	3.8	10.7
15735	26	4.4	25.9
15736	16	3.9	22.8
15736 Rpt	20	4.0	22.9
15737	12	2.3	14.9
15738	10	3.1	19.9
15738 Rpt	12	3.1	20.9
15739	6	1.6	6.9
139771	30	2.3	16.0
139772	42	2.6	19.3
Std Nominal	90	0.1	0.5
Determined	90	0.1	0.5
139773	42	2.9	19.3
139774	40	3.1	17.1
139775	28	8.2	13.7
139776	18	9.6	12.1
139777	56	5.6	11.7
139778	102	3.6	12.0
139779	134	2.4	11.8
139780	98	1.0	2.8
139781	126	2.5	10.5
139782	176	2.6	10.8
139783	164	3.4	12.7
139784	100	3.8	11.6
139785	32	2.5	9.5
139786	34	3.7	9.9



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	Zn ppm	U ppm	Th ppm
Detection Limit	2	0.1	0.1
139787	32	3.9	10.9
139788	96	3.3	12.2
139789	112	3.2	13.1
139790	128	3.2	13.0
139791	44	5.1	9.6
139791 Rpt	44	5.3	10.4
139792	12	2.2	5.8
139793	22	3.4	6.0
139794	68	4.0	9.7
139795	10	2.2	10.0
139795 Rpt	8	2.2	9.9
139796	132	2.2	15.3
139797	42	2.2	16.5
Std Nominal	64	0.1	0.4
Determined	62	0.1	0.5
139798	60	2.4	16.9
139799	42	2.9	17.2
139800	36	1.5	3.2
139801	32	3.5	14.3
139802	32	4.6	10.5
139803	72	2.5	10.5
139803 Rpt	70	2.6	10.9
139804	66	1.6	7.0
139805	64	1.4	7.1
139806	72	1.6	6.9
139807	44	1.9	7.8
Std Nominal	516	0.2	0.2
Determined	518	0.2	0.2
139808	94	2.5	9.2
139809	56	2.5	9.2
139810	30	2.5	8.0
139811	18	1.1	4.6
139812	48	3.0	7.7
139813	104	2.8	8.0
139814	88	2.5	8.0
139815	76	2.2	8.9
139815 Rpt	74	2.1	8.5
139816	64	2.1	8.3
139817	56	1.6	5.5
139818	22	1.3	4.4
139819	40	2.7	6.3
139820	42	2.5	5.8
139821	46	2.8	8.2



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	Zn ppm	U ppm	Th ppm
Detection Limit	2	0.1	0.1
15943	12	3.3	12.4
15944	20	2.4	8.5
15945	14	3.1	11.2
15946	8	2.4	9.0
15947	36	3.5	21.9
15948	88	2.7	10.9
15949	6	1.0	5.7
15950	54	3.0	12.6
139822	34	2.1	14.4
139823	44	2.2	18.4
139823 Rpt	44	2.2	18.4
139824	44	2.2	17.0
139825	46	3.2	18.0
139826	36	4.1	17.2
139827	20	5.7	12.2
139828	62	3.8	11.8
139829	90	2.8	11.6
Std Nominal	76	0.3	1.1
Determined	74	0.3	1.2
139830	130	2.9	11.4
139831	96	3.0	11.4
139832	110	3.4	10.9
139833	150	3.9	12.3
139833 Rpt	146	3.9	11.8
139834	28	6.7	9.7
139835	34	2.6	9.2
139836	32	5.3	10.1
139837	44	3.9	11.4
139838	124	3.6	11.7
139839	96	2.9	10.4
139840	96	0.9	2.7
139841	66	2.9	10.2
139842	46	3.0	8.3
139842 Rpt	46	3.0	8.3
139843	20	2.4	5.8
139844	26	3.4	5.8
Std Nominal	68	0.3	0.5
Determined	66	0.3	0.5
139845	48	3.4	8.3
16048	114	5.1	14.8
16049	98	5.3	14.4
16050	100	2.4	8.4
16051	50	3.1	15.1



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	Zn ppm	U ppm	Th ppm
Detection Limit	2	0.1	0.1
16052	38	3.5	19.8
16053	22	2.1	11.1
16054	16	1.7	9.3
16055	34	1.3	5.0
16056	16	2.2	11.3
16056 Rpt	18	2.2	11.4
16057	14	2.1	13.8
16058	10	1.1	6.8
16059	16	1.9	9.8
16060	36	1.4	3.2
139846	52	2.2	16.6
139847	34	2.2	17.2
139848	38	2.4	16.7
139848 Rpt	38	2.5	17.1
139849	34	3.2	16.6
139849 Rpt	36	3.3	16.4
139850	30	3.8	11.4
139851	18	7.4	10.3
Std Nominal	104	0.7	2.8
Determined	104	0.7	2.9
139852	46	3.5	10.8
139853	92	2.7	11.5
139854	122	2.9	10.9
139855	128	3.4	11.5
139856	132	3.6	11.2
139857	152	3.1	11.7
139858	58	3.7	11.9
139859	32	2.2	8.5
139860	36	1.4	3.1
139861	28	5.9	10.6
139862	36	3.9	11.2
139863	92	3.6	11.4
139864	114	3.2	11.7
139865	150	2.6	10.5
16141	108	3.8	12.0
16142	56	6.2	10.6
16143	28	3.1	5.2
16144	26	1.8	5.6
16145	20	2.4	6.6
16146	26	2.4	7.4
16147	22	3.4	9.0
Std Nominal	50	17.3	51.0
Determined	52	17.5	52.1



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	Zn ppm	U ppm	Th ppm
Detection Limit	2	0.1	0.1
16148	38	4.1	10.4
16149	40	7.3	8.9
16150	56	5.8	8.5
16151	52	5.8	8.6
16151 Rpt	54	5.8	8.6
16152	52	4.5	8.9
16153	34	5.1	14.8
16153 Rpt	32	5.1	14.9
16154	22	4.8	12.5
16155	14	9.0	11.3
16156	26	7.3	16.3
16157	52	4.4	15.4
16158	20	2.5	11.4
16159	36	3.0	16.3
16160	98	1.0	2.9
16161	292	3.8	19.9
139866	48	1.6	9.1
139867	50	2.0	11.4
139868	50	2.3	16.0
139868 Rpt	50	2.2	15.9
139869	40	2.0	15.7
139870	40	2.1	16.1
139871	52	2.8	16.5
139872	30	3.7	15.5
139873	16	6.0	8.3
139874	26	4.9	10.2
139875	68	2.8	10.4
139876	82	2.6	11.2
139877	54	3.6	11.9
139878	62	3.4	11.3
Std Nominal	5200	0.8	2.7
Determined	5120	0.8	2.8
139879	110	3.2	12.1
139880	116	3.2	12.1
139880 Rpt	114	3.4	12.8
139881	106	3.7	12.5
139882	46	5.0	11.0
139883	26	2.2	7.6
139884	36	6.9	12.9
139885	36	3.7	10.8
139886	64	3.1	11.3
139887	110	2.7	10.9
139888	130	3.2	11.9



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	Zn ppm	U ppm	Th ppm
Detection Limit	2	0.1	0.1
139889	20	1.9	5.9
16258	16	4.1	14.1
16259	34	5.7	15.0
16260	38	1.5	3.2
16261	26	5.5	11.6
16262	34	2.7	9.4
16263	46	2.8	14.3
16264	34	2.3	11.6
16265	36	3.5	18.5
16266	148	3.5	21.8
16267	34	1.8	9.7
16268	18	2.1	10.6
16269	18	2.2	12.8
16270	22	1.8	10.7
139890	26	1.8	9.5
139891	46	2.3	17.8
139891 Rpt	46	2.3	17.7
139892	38	2.1	16.8
139892 Rpt	38	2.1	17.0
139893	64	2.4	16.9
139894	40	2.9	16.9
Std Nominal	10	<0.1	0.1
Determined	8	<0.1	0.1
139895	30	7.9	14.4
139896	28	4.0	10.4
139897	42	3.7	11.5
139898	56	2.6	10.3
139899	66	2.7	11.5
139900	98	1.0	2.7
139900 Rpt	100	1.0	2.8
139901	46	4.2	12.1
Std Nominal	90	0.1	0.5
Determined	90	0.2	0.5
139902	66	3.4	12.2
139903	74	4.5	12.5
139904	114	5.0	13.3
139905	42	5.3	14.5
139906	50	6.1	13.5
139907	26	12.2	12.8
139908	46	4.4	11.9
139909	64	3.1	11.8
139910	112	3.5	12.6
139911	30	3.1	7.9



Bureau Veritas Minerals Pty Ltd



MINERAL TESTING & LABORATORY SERVICES

ABN: 30 008 127 802

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	Zn ppm	U ppm	Th ppm
Detection Limit	2	0.1	0.1
139912	28	2.3	7.9
16364	16	6.5	13.3
16365	80	4.1	10.8
16365 Rpt	80	4.0	10.1
16366	106	3.7	10.2
16367	132	2.8	12.0
16368	94	3.5	11.4
16369	74	8.6	13.7
16370	140	4.5	18.7
16370 Rpt	144	4.4	18.5
16371	82	3.6	12.9
16372	72	3.6	18.1
16373	44	2.9	16.1
16374	36	4.4	22.0
16375	32	2.6	15.6
16376	22	1.3	4.8
16377	48	2.8	14.3
16378	18	1.7	9.6
16379	50	2.2	13.2
16380	44	2.3	13.2
16381	48	1.4	7.5
16382	48	2.2	10.5
Std Nominal	64	0.1	0.4
Determined	66	0.1	0.5
16383	46	1.6	9.1
16384	44	2.4	14.2
139913	38	2.2	17.2
139913 Rpt	40	2.3	17.6
139914	46	2.2	16.8
139915	46	2.4	15.9
139916	40	3.6	17.5
139917	28	5.5	12.4
139918	14	2.9	9.1
139919	50	4.1	11.9
139919 Rpt	52	4.0	11.2
139920	38	1.5	3.1
139921	36	4.3	12.0
139922	40	3.1	11.1
139923	32	4.9	12.8
139924	60	3.5	11.7
139925	144	5.9	13.5
139926	72	4.3	14.0
139927	80	7.0	20.1



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	Zn ppm	U ppm	Th ppm
Detection Limit	2	0.1	0.1
139928	34	7.1	13.9
139929	22	7.2	11.5
139930	38	4.9	13.4
Std Nominal	516	0.2	0.2
Determined	512	0.2	0.2
139931	52	4.6	13.2
139932	46	4.4	13.2
139933	36	8.8	11.0
149371	36	2.5	20.3
149372	42	3.2	20.0
149372 Rpt	40	3.3	21.0
149373	44	3.4	18.0
149374	36	7.0	17.6
149375	28	8.3	11.7
149376	48	14.1	13.2
149377	50	3.9	13.0
149378	68	3.1	12.5
149379	92	4.6	14.6
149380	38	1.5	3.1
149381	50	3.9	13.9
149382	120	7.4	14.6
149383	126	5.3	13.4
149384	56	4.1	11.9
Std Nominal	76	0.3	1.1
Determined	74	0.3	1.1
149385	128	2.8	11.0
149386	128	2.6	11.0
149387	120	2.5	10.2
149388	42	5.0	11.0
149388 Rpt	42	5.1	10.7
Std Nominal	68	0.3	0.5
Determined	66	0.3	0.5
Std Nominal	104	0.7	2.8
Determined	NR	NR	NR
Std Nominal			
Determined	NR	NR	NR

These results pertain to the samples as received at this laboratory.
Where standards are reported, the nominal value for the element is reported above the result found.

"IS" Implies insufficient sample for this determination

"NR" Implies result is not required for this determination



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"M" Implies this result reported in ppm

"%" Implies this result reported in %

Sample Storage

The excess material (Residue) will be held after 30 days

The pulp samples (Pulp) will be held after 60 days as per instructions.

Sample Preparation

The samples have been sorted and dried. Primary preparation has been by crushing the whole sample. The samples have been split with a riffle splitter to obtain a sub-fraction which has then been pulverised in a vibrating pulveriser.

Digest and Analysis:

The sample(s) have been digested and refluxed with a mixture of Acids including Hydrofluoric, Nitric, Hydrochloric and Perchloric Acids. This extended digest approaches a Total digest for many elements however some refractory minerals are not completely attacked.

Ca,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,P,S,V,Zn

have been determined by Inductively Coupled Plasma (ICP) Optical Emission Spectrometry.

Ag,As,Ba,Bi,Cd,Li,Mo,Pb,Th,U

have been determined by Inductively Coupled Plasma (ICP) Mass Spectrometry.

The samples have been analysed by Firing a 40 gm (approx) portion of the sample. Lower sample weights may be employed for samples with very high sulphide and metal contents. This is the classical fire assay process and will give total separation of Gold, Platinum and Palladium in the sample.

Au,I,Pd,Pt

have been determined by Inductively Coupled Plasma (ICP) Optical Emission Spectrometry.