



BUREAU VERITAS MINERAL LABORATORIES
Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: Spere Exploration Inc.
Box 1381
Dawson City YT Y0B 1G0 CANADA

Submitted By: Morgan Fraughton
Receiving Lab: Canada-Whitehorse
Received: October 27, 2015
Report Date: December 11, 2015
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CERTIFICATE OF ANALYSIS

WHI15000233.1

CLIENT JOB INFORMATION

Project: JPL
Shipment ID:
P.O. Number
Number of Samples: 39

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Spere Exploration Inc.
Box 1381
Dawson City YT Y0B 1G0
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	39	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ201	39	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	39	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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CERTIFICATE OF ANALYSIS

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Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1502051	Rock	0.52	0.4	5.8	16.1	48	<0.1	2.3	2.2	391	0.73	1.6	2.3	0.5	3	<0.1	0.2	<0.1	4	0.06	0.007
1502052	Rock	1.38	0.2	5.8	5.5	17	<0.1	1.5	0.9	190	0.53	1.3	<0.5	0.5	7	<0.1	0.2	<0.1	<2	0.18	0.003
1502053	Rock	1.89	0.1	4.5	10.0	12	<0.1	0.8	0.3	90	0.30	0.8	<0.5	0.3	6	<0.1	0.2	<0.1	<2	0.06	0.005
1502054	Rock	0.73	1.3	834.2	134.4	2017	4.7	5.1	26.6	1307	7.40	84.6	22.2	1.4	36	14.9	0.5	31.2	48	1.26	0.028
1502055	Rock	1.48	<0.1	31.2	10.5	180	0.1	0.9	1.8	659	0.81	1.6	3.1	0.3	78	4.0	<0.1	0.5	8	2.68	0.014
1502059	Rock	2.51	2.2	48.3	337.5	48	1.9	1.6	1.3	45	0.78	9.0	9.8	7.0	40	0.3	2.6	0.5	4	0.02	0.016
1502060	Rock	1.23	0.3	20.7	27.4	54	0.1	14.4	8.2	614	2.01	23.4	3.3	22.1	13	<0.1	0.6	0.1	14	0.19	0.035
1502061	Rock	0.55	0.1	8.6	10.5	13	<0.1	1.2	0.8	113	0.37	3.6	1.9	0.9	51	<0.1	0.2	0.2	3	0.64	0.255
1502062	Rock	0.69	3.3	706.1	86.4	161	2.8	89.3	17.1	713	3.87	4.5	18.0	6.2	14	0.4	0.2	14.7	34	0.10	0.036
1502063	Rock	1.22	<0.1	4.6	25.1	9	0.2	0.9	0.3	66	0.27	<0.5	1.6	1.0	4	<0.1	<0.1	2.0	<2	<0.01	0.006
1502064	Rock	0.89	<0.1	5.5	9.3	19	<0.1	269.8	20.8	2497	3.01	184.5	2.0	<0.1	541	0.3	10.8	<0.1	12	13.93	0.002
1502065	Rock	1.27	<0.1	7.7	2.7	10	<0.1	1.5	0.4	90	0.35	1.4	<0.5	<0.1	4	<0.1	<0.1	<0.1	<2	0.06	0.001
1502066	Rock	0.79	1.6	31.3	11.3	22	<0.1	4.9	5.8	111	2.26	31.6	0.5	8.6	7	<0.1	0.2	1.4	6	0.04	0.025
1502067	Rock	1.11	1.0	4.0	8.4	25	0.1	0.6	0.3	27	3.31	2.2	<0.5	13.4	48	<0.1	<0.1	0.2	5	<0.01	0.025
1502068	Rock	1.27	0.2	17.1	6.3	20	<0.1	1.6	1.0	383	0.44	1.1	1.2	0.2	17	0.2	<0.1	<0.1	<2	0.12	0.020
1502069	Rock	1.07	0.5	26.5	11.6	28	0.3	1.9	0.6	75	0.53	0.9	1.2	1.4	7	0.2	0.1	<0.1	2	0.04	0.010
1502071	Rock	0.86	1.6	6.4	9.0	11	0.2	0.7	0.1	25	1.13	2.5	0.7	11.5	3	<0.1	0.2	<0.1	<2	<0.01	0.010
1502301	Rock	0.78	0.9	18.2	7.0	9	<0.1	2.0	4.2	132	2.30	3.2	<0.5	16.1	5	<0.1	0.2	1.3	6	<0.01	0.013
1502302	Rock	1.38	0.3	53.0	3.4	7	<0.1	1.6	2.0	97	0.76	1.1	<0.5	8.6	6	<0.1	0.1	0.3	<2	0.01	0.013
1502303	Rock	1.43	0.9	28.5	17.6	37	0.1	3.3	2.2	86	6.68	1.7	3.8	10.9	20	<0.1	0.2	0.2	11	0.01	0.032
1502492	Rock	1.15	0.4	191.7	7.2	53	<0.1	2.2	2.5	511	0.80	1.0	<0.5	1.0	8	0.2	0.3	<0.1	3	0.03	0.012
1502493	Rock	1.34	0.1	25.3	65.7	18	0.7	0.6	0.2	41	0.38	4.5	14.2	0.2	27	0.1	5.5	1.6	<2	<0.01	0.005
1502494	Rock	2.83	<0.1	4.7	6.7	7	0.2	0.7	0.2	37	0.36	3.3	1.8	0.1	18	<0.1	2.3	0.2	<2	<0.01	<0.001
1502498	Rock	2.10	0.3	282.6	120.7	49	27.2	1.2	0.6	64	0.87	141.8	28973.7	0.5	51	1.5	174.7	115.2	<2	<0.01	0.013
1502499	Rock	0.95	<0.1	117.1	30.5	62	0.5	1.4	3.0	302	0.56	2.1	15.4	1.2	19	0.2	0.4	1.0	<2	0.01	0.004
1354001	Rock	0.96	0.2	7.6	6.9	15	0.2	1.7	1.2	88	0.51	1.7	37.4	2.0	4	<0.1	0.8	0.5	3	0.02	0.002
1354002	Rock	1.76	0.6	15.0	16.8	27	<0.1	10.7	5.6	94	0.87	12.9	<0.5	5.0	10	0.2	0.7	0.2	13	0.13	0.047
1354003	Rock	1.29	<0.1	5.3	5.6	5	<0.1	0.5	0.2	23	0.26	0.7	1.4	0.7	8	<0.1	0.2	0.9	<2	0.04	0.001
1354004	Rock	0.78	0.7	17.8	18.6	12	0.5	0.8	0.2	33	0.80	4.8	37.9	0.8	39	<0.1	0.5	3.2	2	0.01	0.008
1354145	Rock	1.25	0.3	18.9	13.5	63	<0.1	27.2	18.5	997	3.86	1.0	<0.5	6.6	62	<0.1	0.2	<0.1	46	3.90	0.116



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.1	0.05	1	0.5	0.2	
1502051	Rock	1	3	0.04	112	0.002	<1	0.10	0.005	0.02	<0.1	0.02	1.2	<0.1	<0.05	<1	<0.5	<0.2
1502052	Rock	1	2	0.02	254	0.002	<1	0.08	0.004	0.02	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2
1502053	Rock	<1	2	<0.01	293	<0.001	<1	0.03	0.003	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
1502054	Rock	6	6	0.96	493	0.004	<1	1.52	0.008	0.09	<0.1	2.30	5.1	<0.1	0.06	5	7.3	0.2
1502055	Rock	2	2	0.17	152	0.001	<1	0.35	0.007	0.05	<0.1	<0.01	1.5	<0.1	<0.05	1	<0.5	<0.2
1502059	Rock	13	4	0.05	851	0.002	<1	0.22	0.074	0.13	<0.1	2.21	0.9	0.2	0.14	<1	0.8	<0.2
1502060	Rock	64	8	0.21	365	0.002	<1	0.89	0.022	0.26	<0.1	0.04	6.0	0.1	<0.05	4	<0.5	<0.2
1502061	Rock	2	3	0.03	126	0.004	1	0.12	0.004	0.04	<0.1	0.03	0.6	<0.1	<0.05	<1	<0.5	<0.2
1502062	Rock	12	136	2.82	465	0.018	1	2.35	0.011	0.16	<0.1	0.02	4.6	<0.1	0.07	7	2.5	1.9
1502063	Rock	3	2	0.02	45	<0.001	1	0.07	0.003	0.05	<0.1	0.02	0.4	<0.1	<0.05	<1	<0.5	<0.2
1502064	Rock	<1	152	7.26	22	<0.001	2	0.09	0.002	0.03	<0.1	0.02	4.4	<0.1	<0.05	<1	<0.5	<0.2
1502065	Rock	<1	2	<0.01	190	<0.001	<1	<0.01	0.002	<0.01	<0.1	0.02	0.2	<0.1	<0.05	<1	<0.5	<0.2
1502066	Rock	11	4	0.25	153	0.003	2	0.73	0.015	0.24	<0.1	0.01	1.1	<0.1	<0.05	2	0.8	<0.2
1502067	Rock	16	2	<0.01	73	0.001	1	0.14	0.397	0.13	<0.1	0.06	0.3	<0.1	1.15	1	<0.5	<0.2
1502068	Rock	<1	2	0.01	610	0.001	<1	0.06	0.003	0.02	<0.1	0.02	0.3	<0.1	<0.05	<1	<0.5	<0.2
1502069	Rock	2	2	0.01	358	<0.001	<1	0.11	0.015	0.04	<0.1	0.03	0.9	<0.1	<0.05	<1	<0.5	<0.2
1502071	Rock	15	2	<0.01	68	0.002	2	0.18	0.011	0.24	<0.1	0.02	0.7	<0.1	<0.05	<1	<0.5	<0.2
1502301	Rock	25	3	0.04	865	0.003	<1	0.48	0.017	0.20	<0.1	<0.01	1.3	<0.1	<0.05	1	0.9	<0.2
1502302	Rock	22	3	0.03	233	0.001	<1	0.36	0.025	0.19	<0.1	0.02	1.0	<0.1	<0.05	<1	<0.5	<0.2
1502303	Rock	15	6	0.02	345	0.002	1	0.46	0.068	0.33	<0.1	0.02	1.5	<0.1	0.29	2	<0.5	<0.2
1502492	Rock	3	2	0.01	501	0.002	1	0.11	0.005	0.03	<0.1	0.04	0.8	<0.1	<0.05	<1	<0.5	<0.2
1502493	Rock	<1	2	<0.01	1247	<0.001	<1	0.03	0.002	0.02	<0.1	0.10	0.2	<0.1	<0.05	<1	<0.5	<0.2
1502494	Rock	<1	2	<0.01	768	<0.001	<1	0.03	0.002	0.02	<0.1	0.03	0.2	<0.1	<0.05	<1	<0.5	<0.2
1502498	Rock	<1	3	<0.01	1646	<0.001	<1	0.06	0.001	0.03	<0.1	4.38	0.4	<0.1	0.06	<1	<0.5	<0.2
1502499	Rock	3	2	<0.01	1253	<0.001	1	0.11	0.010	0.07	<0.1	0.03	0.4	<0.1	<0.05	<1	<0.5	<0.2
1354001	Rock	5	3	0.27	120	0.003	<1	0.34	0.008	0.05	<0.1	0.02	0.9	<0.1	<0.05	<1	<0.5	<0.2
1354002	Rock	15	15	0.14	178	0.028	<1	0.48	0.018	0.31	<0.1	0.01	2.3	0.1	<0.05	2	<0.5	<0.2
1354003	Rock	1	2	<0.01	45	0.002	1	0.13	0.017	0.04	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
1354004	Rock	2	2	<0.01	489	0.002	<1	0.07	0.004	0.15	<0.1	0.07	0.3	<0.1	0.21	<1	0.9	<0.2
1354145	Rock	22	50	1.57	187	0.101	1	2.12	0.025	0.26	<0.1	<0.01	5.6	<0.1	<0.05	5	<0.5	<0.2



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Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1354147	Rock	1.58	0.8	12.3	17.5	23	0.2	1.4	0.7	36	1.59	20.0	<0.5	26.7	4	<0.1	0.6	<0.1	<2	<0.01	0.012
1354165	Rock	1.44	0.3	32.9	19.1	61	<0.1	28.0	16.3	398	2.63	1.5	0.8	7.1	76	0.2	0.4	<0.1	41	1.24	0.070
1354300	Rock	1.51	<0.1	7.1	2.4	13	0.1	0.9	0.3	66	0.36	<0.5	2.5	1.2	1	<0.1	0.5	<0.1	<2	0.01	0.003
1354449	Rock	1.28	0.2	46.6	8.2	72	<0.1	1.5	8.1	508	3.46	1.6	1.6	1.6	22	<0.1	0.2	<0.1	25	0.40	0.117
1354450	Rock	1.28	0.7	637.2	4.9	136	0.3	6.3	23.6	2063	3.82	2.7	26.0	2.1	39	0.6	<0.1	0.1	28	3.49	0.087
1354451	Rock	0.92	3.0	14.1	836.7	1413	>100	2.5	3.5	740	1.30	<0.5	3.7	4.2	8	1.4	0.4	328.4	6	0.07	0.019
1354452	Rock	1.12	1.3	12.9	13.9	38	0.2	1.8	1.9	223	2.15	3.0	1.9	12.1	13	0.3	0.4	0.5	6	0.02	0.039
1354453	Rock	0.88	13.1	28.5	45.1	18	1.5	1.9	1.7	132	10.58	12.0	34.9	7.5	2	0.3	2.7	0.1	16	<0.01	0.007
1354471	Rock	0.81	1.4	13.1	22.9	37	0.2	7.7	2.7	285	0.92	6.7	2.6	11.9	8	0.1	1.1	0.2	5	0.07	0.014



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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1354147	Rock	26	2	0.01	80	0.002	<1	0.23	0.015	0.21	0.2	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2
1354165	Rock	14	133	1.78	150	0.132	1	1.98	0.033	0.38	<0.1	<0.01	3.5	0.1	<0.05	6	<0.5	<0.2
1354300	Rock	2	2	0.26	34	0.001	<1	0.22	0.005	0.02	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2
1354449	Rock	3	2	1.36	207	0.030	1	1.83	0.044	0.22	<0.1	<0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
1354450	Rock	11	3	1.44	98	0.002	<1	1.15	0.057	0.07	<0.1	0.01	5.6	<0.1	0.08	3	0.6	<0.2
1354451	Rock	13	6	0.17	623	0.004	1	0.48	0.012	0.11	<0.1	0.02	1.5	<0.1	<0.05	2	10.1	1.7
1354452	Rock	28	2	0.21	109	0.004	<1	0.74	0.029	0.14	<0.1	<0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1354453	Rock	16	3	0.01	1644	0.001	<1	0.36	0.003	0.15	0.2	<0.01	1.0	<0.1	<0.05	2	0.8	<0.2
1354471	Rock	26	8	0.20	280	0.003	1	0.44	0.014	0.23	4.9	0.05	1.0	<0.1	0.17	1	<0.5	<0.2



QUALITY CONTROL REPORT

WHI15000233.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
1502053	Rock	1.89	0.1	4.5	10.0	12	<0.1	0.8	0.3	90	0.30	0.8	<0.5	0.3	6	<0.1	0.2	<0.1	<2	0.06	0.005
REP 1502053	QC		0.1	4.4	9.8	12	<0.1	0.7	0.3	89	0.30	1.1	<0.5	0.3	6	<0.1	0.1	<0.1	<2	0.06	0.004
1502499	Rock	0.95	<0.1	117.1	30.5	62	0.5	1.4	3.0	302	0.56	2.1	15.4	1.2	19	0.2	0.4	1.0	<2	0.01	0.004
REP 1502499	QC		0.1	118.2	30.5	61	0.4	1.3	3.1	309	0.57	1.6	7.2	1.2	19	0.2	0.5	0.9	<2	0.01	0.004
Core Reject Duplicates																					
1502061	Rock	0.55	0.1	8.6	10.5	13	<0.1	1.2	0.8	113	0.37	3.6	1.9	0.9	51	<0.1	0.2	0.2	3	0.64	0.255
DUP 1502061	QC		<0.1	8.3	9.1	10	<0.1	1.4	0.9	116	0.36	3.8	<0.5	0.9	49	<0.1	0.2	0.2	3	0.60	0.246
Reference Materials																					
STD DS10	Standard		14.7	160.1	152.7	371	1.9	77.1	13.2	916	2.88	44.4	103.5	7.7	72	2.8	8.7	12.6	48	1.12	0.076
STD DS10	Standard		15.6	175.6	150.3	384	2.0	78.1	13.8	917	2.91	47.3	83.7	7.8	70	2.7	8.9	12.1	48	1.13	0.076
STD DS10	Standard		13.6	157.3	149.6	366	1.9	72.3	12.1	885	2.74	45.1	79.3	7.9	70	2.4	9.8	13.1	43	1.06	0.073
STD OXC129	Standard		1.2	28.1	6.4	39	<0.1	78.1	20.0	418	3.04	0.6	190.2	1.9	193	<0.1	<0.1	<0.1	55	0.69	0.100
STD OXC129	Standard		1.2	29.1	6.3	42	<0.1	81.7	21.5	423	3.16	1.2	189.4	1.9	189	<0.1	<0.1	<0.1	55	0.74	0.105
STD OXC129	Standard		1.3	27.7	6.3	41	<0.1	75.3	19.4	413	3.03	<0.5	177.3	2.1	179	<0.1	<0.1	<0.1	52	0.63	0.099
STD DS10 Expected			15.1	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	91.9	7.5	67.1	2.62	9	11.65	43	1.0625	0.0765
STD OXC129 Expected			1.3	28	6.3	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.665	0.102
BLK	Blank		<0.1	0.1	<0.1	<1	<0.1	<0.1	<0.1	1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	0.02	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
ROCK-WHI	Prep Blank		0.6	5.5	7.2	42	<0.1	0.9	3.6	478	1.81	6.1	1.3	2.4	28	<0.1	0.3	0.1	23	0.62	0.042
ROCK-WHI	Prep Blank		0.6	6.2	5.7	43	<0.1	0.9	3.6	463	1.81	2.4	1.4	2.5	32	<0.1	0.2	<0.1	23	0.66	0.040



QUALITY CONTROL REPORT

WHI15000233.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
1502053	Rock	<1	2	<0.01	293	<0.001	<1	0.03	0.003	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
REP 1502053	QC	<1	1	<0.01	291	<0.001	<1	0.03	0.003	0.01	<0.1	0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
1502499	Rock	3	2	<0.01	1253	<0.001	1	0.11	0.010	0.07	<0.1	0.03	0.4	<0.1	<0.05	<1	<0.5	<0.2
REP 1502499	QC	3	2	<0.01	1294	<0.001	<1	0.11	0.010	0.07	<0.1	0.04	0.5	<0.1	<0.05	<1	<0.5	<0.2
Core Reject Duplicates																		
1502061	Rock	2	3	0.03	126	0.004	1	0.12	0.004	0.04	<0.1	0.03	0.6	<0.1	<0.05	<1	<0.5	<0.2
DUP 1502061	QC	2	2	0.03	112	0.004	1	0.12	0.004	0.04	<0.1	0.03	0.5	<0.1	<0.05	<1	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	19	57	0.81	366	0.085	8	1.14	0.067	0.35	3.4	0.29	3.0	5.2	0.29	4	2.9	5.0
STD DS10	Standard	20	60	0.80	372	0.088	4	1.13	0.068	0.35	3.0	0.32	3.2	5.3	0.29	5	1.9	5.2
STD DS10	Standard	17	54	0.77	359	0.079	8	1.03	0.068	0.33	3.4	0.30	2.9	5.1	0.28	4	1.6	4.6
STD OXC129	Standard	12	52	1.52	48	0.407	2	1.61	0.568	0.36	<0.1	<0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
STD OXC129	Standard	13	52	1.55	52	0.398	<1	1.65	0.575	0.37	<0.1	<0.01	0.8	<0.1	<0.05	6	<0.5	<0.2
STD OXC129	Standard	12	51	1.57	47	0.395	<1	1.53	0.593	0.37	<0.1	<0.01	0.9	<0.1	<0.05	5	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0755	0.067	0.338	3.32	0.3	3	5.1	0.29	4.5	2.3	5.01
STD OXC129 Expected		13	52	1.545	50	0.4	1	1.58	0.6	0.37			1.1			5.6		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	0.6	<0.2
Prep Wash																		
ROCK-WHI	Prep Blank	6	2	0.46	60	0.086	<1	0.96	0.076	0.08	0.2	<0.01	2.8	<0.1	<0.05	4	<0.5	<0.2
ROCK-WHI	Prep Blank	6	2	0.42	75	0.091	1	1.00	0.114	0.11	0.2	0.01	3.0	<0.1	<0.05	4	<0.5	<0.2