



BUREAU VERITAS MINERAL LABORATORIES
Canada

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

Client: Pacific Ridge Exploration Ltd.
Suite 1100, 1111 Melville St,
Vancouver British Columbia V6E 3V6 Canada

Submitted By: Jean Pautler
Receiving Lab: Canada-Whitehorse
Received: July 15, 2019
Report Date: August 07, 2019
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CERTIFICATE OF ANALYSIS

WHI19000202.1

CLIENT JOB INFORMATION

Project: Mariposa
Shipment ID:
P.O. Number
Number of Samples: 46

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

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: Pacific Ridge Exploration Ltd.
Suite 1100, 1111 Melville St,
Vancouver British Columbia V6E 3V6
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP90-250	46	Crush (>90%), split and pulverize 250g rock to 200 mesh			WHI
FA430	46	Lead Collection Fire Assay Fusion - AAS Finish	30	Completed	VAN
EN002	46	Environmental disposal charge-Fire assay lead waste			WHI
AQ200	46	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
SLBHP	46	Sort, label and box pulps			WHI
SHP01	46	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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Project: Mariposa

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CERTIFICATE OF ANALYSIS

WHI19000202.1

Method	Analyte	WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit	MDL	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.1	0.01
1353663	Rock	4.44	<0.005	1.9	6.4	4.1	26	<0.1	1.5	1.5	248	1.03	0.6	1.4	10.2	11	<0.1	<0.1	<0.1	2	0.24
1353664	Rock	4.25	<0.005	2.2	5.2	3.5	21	<0.1	2.0	1.6	262	1.09	<0.5	1.6	10.3	10	<0.1	0.1	<0.1	3	0.17
1353665	Rock	4.05	<0.005	0.8	4.4	2.8	15	<0.1	2.2	1.6	324	0.95	<0.5	2.3	9.5	8	<0.1	<0.1	<0.1	4	0.09
1353666	Rock	3.63	0.012	2.9	3.8	2.0	15	<0.1	1.4	1.4	253	1.36	<0.5	7.5	9.2	9	0.1	<0.1	<0.1	24	0.04
1353667	Rock	3.73	0.007	3.8	5.1	1.3	10	<0.1	1.4	1.0	179	0.62	<0.5	4.2	6.9	9	<0.1	<0.1	<0.1	2	0.04
1353668	Rock	3.86	0.014	0.8	9.5	1.9	17	<0.1	1.6	1.7	256	0.97	<0.5	6.0	7.6	8	<0.1	<0.1	<0.1	5	0.04
1353669	Rock	4.07	0.011	0.8	12.7	5.1	19	<0.1	2.0	1.7	215	0.92	<0.5	17.4	12.3	10	<0.1	0.2	<0.1	6	0.05
1353670	Rock	3.57	0.008	2.5	19.9	4.0	30	<0.1	1.7	3.4	388	1.63	<0.5	4.8	8.8	11	<0.1	0.2	<0.1	15	0.24
1353671	Rock	4.19	0.348	5.0	30.0	8.9	21	<0.1	1.7	3.3	309	1.32	<0.5	218.5	8.8	11	<0.1	0.5	<0.1	12	0.10
1353672	Rock	3.98	0.127	2.2	24.5	16.6	29	<0.1	2.4	3.2	474	1.54	<0.5	44.7	9.6	9	0.1	0.4	<0.1	14	0.06
1353673	Rock	3.54	0.051	2.3	46.2	5.0	63	<0.1	2.2	6.2	834	2.68	<0.5	46.8	7.2	13	0.2	0.3	0.3	20	0.58
1353674	Rock	3.52	0.074	2.4	106.2	6.6	83	0.1	1.1	5.9	841	2.78	<0.5	33.1	7.4	16	0.2	0.3	0.4	20	1.00
1353675	Rock	3.49	0.540	3.4	52.3	86.6	93	0.6	2.3	4.6	632	1.82	1.8	387.3	7.2	28	0.4	0.7	1.1	13	0.49
1353676	Rock	3.76	1.332	12.3	13.8	10.5	13	0.3	2.4	2.3	137	1.07	<0.5	984.8	6.0	18	<0.1	0.2	0.2	4	0.04
1353677	Rock	3.78	0.086	1.3	6.7	5.2	19	<0.1	1.6	1.2	133	0.77	<0.5	39.4	7.8	21	<0.1	<0.1	<0.1	3	0.06
1353678	Rock	4.49	0.164	2.3	23.4	8.1	19	<0.1	1.8	2.0	173	1.02	0.7	67.3	6.9	19	<0.1	<0.1	<0.1	4	0.05
1353679	Rock	3.41	0.523	9.0	29.7	12.6	58	0.1	2.6	4.7	311	2.19	1.1	426.5	4.5	15	0.1	0.1	0.2	14	0.10
1353680	Rock	4.70	1.632	17.0	27.8	20.6	61	0.5	2.5	4.9	528	2.31	1.8	1474.2	3.2	22	0.1	0.3	0.8	14	0.11
1353681	Rock	3.99	2.419	42.6	59.1	25.5	199	0.4	4.7	4.7	398	1.88	8.0	2137.8	4.0	20	1.7	3.8	0.5	11	0.11
1353682	Rock	4.44	0.213	5.8	54.1	5.5	156	<0.1	2.5	4.1	442	1.87	4.4	128.2	5.9	16	1.5	1.5	0.4	13	0.13
1353683	Rock	3.79	0.073	3.7	13.8	4.3	54	<0.1	2.0	3.2	414	1.44	0.8	12.4	7.0	13	0.3	0.3	0.2	8	0.10
1353684	Rock	4.24	0.294	2.0	19.6	2.3	16	0.4	1.3	2.0	218	1.04	0.6	4245.5	7.9	9	<0.1	0.2	<0.1	5	0.03
1353685	Rock	2.98	0.019	0.6	20.0	4.8	11	<0.1	1.3	1.7	162	0.83	0.9	6.2	8.5	6	<0.1	0.2	<0.1	5	0.03
179152	Rock	1.87	<0.005	0.9	1.9	1.8	5	<0.1	1.1	0.7	108	0.52	0.6	0.6	13.2	10	<0.1	0.1	<0.1	2	0.04
179153	Rock	2.67	0.065	6.6	42.1	33.4	18	0.1	12.4	2.4	407	0.80	3.8	34.1	1.0	141	0.1	2.1	<0.1	4	0.04
2377897	Rock	1.95	1.815	68.7	1272.7	7260.6	91	46.8	1.6	0.5	56	0.88	73.1	1947.1	0.3	75	7.2	748.2	16.9	3	0.01
2377898	Rock	1.93	0.646	84.1	1122.7	3675.7	231	5.0	2.1	0.9	124	0.67	1.2	553.0	0.4	112	0.8	0.2	7.9	2	0.12
2377899	Rock	1.72	0.016	1.6	8.4	44.1	13	0.2	1.8	1.3	226	0.89	0.7	6.1	5.5	8	<0.1	1.5	0.2	3	0.08
2377900	Rock	1.13	<0.005	1.3	6.9	16.7	10	<0.1	1.6	1.7	148	0.68	1.1	2.2	5.6	10	<0.1	0.2	<0.1	3	0.05
1353686	Rock	3.18	0.014	1.3	27.3	4.3	16	<0.1	1.2	2.4	164	0.87	0.8	10.1	7.6	6	<0.1	0.3	0.1	4	0.03



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Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	P	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	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1353663	Rock	0.017	28	2	0.02	349	0.002	<20	0.35	0.053	0.22	<0.1	<0.01	1.2	<0.1	<0.05	1	<0.5	<0.2
1353664	Rock	0.017	29	2	0.02	243	0.002	<20	0.45	0.073	0.26	<0.1	<0.01	1.4	<0.1	<0.05	1	<0.5	<0.2
1353665	Rock	0.016	25	1	0.02	220	0.002	<20	0.34	0.056	0.20	<0.1	<0.01	1.5	<0.1	<0.05	<1	<0.5	<0.2
1353666	Rock	0.016	25	2	0.02	275	0.006	<20	0.34	0.113	0.14	0.3	<0.01	2.2	<0.1	<0.05	1	<0.5	<0.2
1353667	Rock	0.004	18	2	0.02	129	<0.001	<20	0.32	0.060	0.14	<0.1	<0.01	1.1	<0.1	<0.05	<1	<0.5	<0.2
1353668	Rock	0.007	19	2	0.03	111	0.001	<20	0.42	0.074	0.18	<0.1	<0.01	2.0	<0.1	<0.05	1	<0.5	<0.2
1353669	Rock	0.014	30	1	0.03	118	0.002	<20	0.34	0.053	0.17	<0.1	<0.01	2.2	<0.1	<0.05	<1	<0.5	<0.2
1353670	Rock	0.032	25	2	0.03	195	0.007	<20	0.48	0.074	0.23	<0.1	<0.01	4.0	<0.1	<0.05	1	<0.5	<0.2
1353671	Rock	0.021	26	2	0.02	151	0.005	<20	0.32	0.055	0.15	0.1	<0.01	3.1	<0.1	<0.05	<1	<0.5	<0.2
1353672	Rock	0.024	27	2	0.02	125	0.006	<20	0.38	0.092	0.18	<0.1	<0.01	3.9	<0.1	<0.05	<1	<0.5	<0.2
1353673	Rock	0.055	23	1	0.04	291	0.005	<20	0.44	0.034	0.27	<0.1	<0.01	6.4	<0.1	<0.05	1	<0.5	<0.2
1353674	Rock	0.057	23	1	0.05	405	0.005	<20	0.57	0.044	0.34	<0.1	<0.01	6.8	<0.1	0.06	2	<0.5	<0.2
1353675	Rock	0.040	22	1	0.03	750	0.003	<20	0.38	0.032	0.19	<0.1	<0.01	5.1	<0.1	0.06	<1	<0.5	<0.2
1353676	Rock	0.013	20	2	0.02	261	<0.001	<20	0.34	0.039	0.23	<0.1	<0.01	2.3	<0.1	<0.05	<1	<0.5	0.2
1353677	Rock	0.013	21	2	0.04	132	<0.001	<20	0.45	0.032	0.22	<0.1	<0.01	1.9	<0.1	<0.05	<1	<0.5	<0.2
1353678	Rock	0.017	22	2	0.03	227	<0.001	<20	0.47	0.046	0.25	<0.1	<0.01	2.5	<0.1	<0.05	<1	<0.5	<0.2
1353679	Rock	0.041	14	2	0.03	300	0.002	<20	0.48	0.010	0.32	<0.1	<0.01	4.5	<0.1	<0.05	1	<0.5	0.3
1353680	Rock	0.044	11	2	0.03	852	0.002	<20	0.54	0.008	0.32	<0.1	0.02	5.1	0.1	<0.05	1	<0.5	0.4
1353681	Rock	0.041	14	4	0.04	471	0.003	<20	0.43	0.016	0.19	0.1	0.05	4.9	0.3	<0.05	1	<0.5	0.7
1353682	Rock	0.036	18	2	0.04	298	0.002	<20	0.66	0.052	0.32	<0.1	<0.01	3.8	0.1	<0.05	1	<0.5	<0.2
1353683	Rock	0.032	19	2	0.04	196	0.002	<20	0.48	0.035	0.23	<0.1	<0.01	2.9	0.2	<0.05	1	<0.5	<0.2
1353684	Rock	0.008	17	2	0.02	390	0.001	<20	0.37	0.088	0.15	<0.1	<0.01	2.0	<0.1	<0.05	<1	<0.5	<0.2
1353685	Rock	0.007	17	2	0.01	146	0.003	<20	0.26	0.055	0.11	<0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
179152	Rock	0.022	36	1	<0.01	281	<0.001	<20	0.35	0.103	0.27	<0.1	<0.01	2.9	<0.1	<0.05	<1	<0.5	<0.2
179153	Rock	0.007	3	5	<0.01	5220	<0.001	<20	0.04	0.003	0.01	<0.1	<0.01	2.4	<0.1	0.12	<1	<0.5	1.1
2377897	Rock	<0.001	2	3	<0.01	1624	<0.001	<20	0.02	0.003	<0.01	<0.1	0.65	0.2	<0.1	0.23	<1	16.1	11.1
2377898	Rock	0.002	4	2	<0.01	4992	<0.001	<20	0.05	0.003	0.02	<0.1	0.15	0.7	<0.1	0.15	<1	7.1	4.9
2377899	Rock	0.016	37	3	0.02	150	0.001	<20	0.27	0.056	0.10	<0.1	<0.01	2.1	<0.1	<0.05	<1	<0.5	<0.2
2377900	Rock	0.010	10	2	0.02	169	0.002	<20	0.31	0.052	0.11	<0.1	<0.01	0.8	<0.1	<0.05	<1	<0.5	<0.2
1353686	Rock	0.008	17	2	0.01	189	0.001	<20	0.27	0.054	0.11	<0.1	<0.01	1.4	<0.1	<0.05	<1	<0.5	<0.2



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Method	WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.005	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	1	0.01	
1353687	Rock	2.86	<0.005	0.7	34.1	5.2	11	<0.1	1.2	2.5	183	0.88	1.2	0.6	11.4	7	<0.1	0.2	<0.1	4	0.04
1353688	Rock	3.09	<0.005	0.5	6.4	2.9	3	<0.1	0.7	1.4	111	0.41	0.8	3.1	1.0	2	<0.1	<0.1	<0.1	<1	0.01
1353689	Rock	1.23	0.011	0.4	12.6	2.9	19	<0.1	3.3	1.7	353	1.25	<0.5	7.3	9.4	18	0.1	0.1	<0.1	12	0.04
2599201	Rock	1.68	2.060	21.1	73.0	588.5	94	2.6	0.8	0.2	44	0.45	2.1	2004.0	0.2	40	0.2	0.5	0.9	2	0.03
2599202	Rock	2.27	1.873	20.0	186.7	1433.1	180	4.7	0.9	0.2	39	0.76	2.7	2080.2	0.2	96	0.3	0.6	2.3	1	<0.01
2599203	Rock	1.45	0.737	7.8	17.9	1611.4	18	3.8	0.5	0.1	28	0.43	1.7	773.8	0.1	110	<0.1	0.5	5.1	<1	<0.01
2599204	Rock	1.11	1.482	9.7	723.6	2666.4	1989	4.9	0.8	1.0	106	0.40	1.6	2258.5	<0.1	51	1.3	0.8	3.7	1	<0.01
2599205	Rock	1.39	9.751	55.1	39.3	2032.5	53	15.7	0.9	0.3	27	0.89	7.2	13610.4	0.1	27	<0.1	0.8	0.2	2	<0.01
2599206	Rock	0.59	1.273	12.1	12.0	126.0	44	1.0	1.0	0.3	65	0.53	1.3	1109.6	0.2	16	<0.1	0.3	<0.1	2	<0.01
2599207	Rock	2.93	2.816	13.4	485.3	3596.5	235	7.0	0.8	0.3	40	0.62	1.4	3873.4	<0.1	101	0.7	0.6	4.3	1	<0.01
2599208	Rock	1.26	1.800	205.9	39.0	72.9	15	0.9	3.0	1.7	68	0.96	3.9	2490.6	1.3	23	0.2	1.6	1.4	4	0.01
2599209	Rock	0.78	0.036	1.4	24.7	22.7	13	<0.1	0.8	0.7	177	0.61	0.7	19.3	0.8	22	0.2	0.1	<0.1	3	0.34
2599210	Rock	1.41	0.031	12.8	15.6	6.0	26	0.1	0.6	0.6	56	0.55	0.9	14.9	8.1	11	0.1	0.2	0.2	2	0.01
2599211	Rock	3.95	0.330	11.1	25.7	11.9	11	0.9	2.3	1.9	395	0.69	5.1	99.3	0.5	42	0.1	1.1	0.3	4	0.52
2599212	Rock	3.37	2.312	7.2	27.0	63.8	11	0.6	1.0	0.4	51	0.55	6.5	3825.1	0.5	257	<0.1	2.1	0.3	1	<0.01
1792151	Rock	2.05	0.009	0.4	6.4	3.5	18	<0.1	4.1	5.2	261	0.98	1.3	4.1	8.8	19	<0.1	0.5	<0.1	10	0.11



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		P	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		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2		
1353687	Rock	0.007	22	2	0.02	141	0.002	<20	0.41	0.081	0.18	<0.1	<0.01	1.2	<0.1	<0.05	<1	<0.5	<0.2	
1353688	Rock	0.002	1	2	<0.01	41	<0.001	<20	0.10	0.019	0.04	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
1353689	Rock	0.014	27	2	<0.01	831	0.005	<20	0.28	0.103	0.12	0.1	<0.01	2.4	<0.1	<0.05	<1	<0.5	<0.2	
2599201	Rock	0.003	2	2	<0.01	2757	<0.001	<20	0.02	0.003	<0.01	<0.1	0.16	0.2	<0.1	0.09	<1	1.3	3.9	
2599202	Rock	0.002	5	2	<0.01	4871	<0.001	<20	0.01	0.004	<0.01	<0.1	0.14	0.2	<0.1	0.14	<1	1.7	5.4	
2599203	Rock	0.001	3	2	<0.01	4602	<0.001	<20	0.01	0.003	<0.01	0.2	0.15	<0.1	<0.1	0.12	<1	1.4	3.5	
2599204	Rock	<0.001	1	2	<0.01	3671	<0.001	<20	<0.01	0.002	<0.01	<0.1	0.25	0.1	<0.1	0.09	<1	4.2	5.0	
2599205	Rock	0.002	<1	2	<0.01	1480	<0.001	<20	0.01	0.003	0.01	<0.1	0.26	0.1	<0.1	0.17	<1	1.9	18.5	
2599206	Rock	0.005	5	2	<0.01	110	<0.001	<20	0.12	0.003	0.09	<0.1	0.02	0.2	<0.1	<0.05	<1	<0.5	3.3	
2599207	Rock	<0.001	3	2	<0.01	3741	<0.001	<20	0.01	0.003	<0.01	<0.1	0.32	0.1	<0.1	0.12	<1	5.8	7.5	
2599208	Rock	0.003	3	2	<0.01	1170	<0.001	<20	0.14	0.004	0.09	<0.1	0.05	0.4	<0.1	0.22	<1	<0.5	1.9	
2599209	Rock	<0.001	2	1	0.01	708	<0.001	<20	0.27	0.050	0.15	<0.1	<0.01	1.2	<0.1	<0.05	<1	<0.5	<0.2	
2599210	Rock	0.004	30	2	<0.01	267	<0.001	<20	0.25	0.092	0.14	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	0.2	
2599211	Rock	0.003	<1	2	0.17	1086	<0.001	<20	0.05	0.002	0.03	<0.1	0.01	1.3	<0.1	<0.05	<1	<0.5	0.3	
2599212	Rock	0.001	<1	2	<0.01	4921	<0.001	<20	0.10	0.003	0.05	<0.1	0.02	0.3	<0.1	0.13	<1	<0.5	<0.2	
1792151	Rock	0.022	19	4	0.08	163	0.008	<20	0.52	0.083	0.14	<0.1	<0.01	1.1	<0.1	<0.05	1	<0.5	<0.2	



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Method	WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.005	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	1	0.01	
Pulp Duplicates																					
1353665	Rock	4.05	<0.005	0.8	4.4	2.8	15	<0.1	2.2	1.6	324	0.95	<0.5	2.3	9.5	8	<0.1	<0.1	<0.1	4	0.09
REP 1353665	QC		<0.005																		
1353684	Rock	4.24	0.294	2.0	19.6	2.3	16	0.4	1.3	2.0	218	1.04	0.6	4245.5	7.9	9	<0.1	0.2	<0.1	5	0.03
REP 1353684	QC			1.8	19.4	2.4	17	<0.1	1.4	1.9	225	1.07	0.7	99.8	7.5	9	<0.1	0.2	<0.1	5	0.03
Core Reject Duplicates																					
1353686	Rock	3.18	0.014	1.3	27.3	4.3	16	<0.1	1.2	2.4	164	0.87	0.8	10.1	7.6	6	<0.1	0.3	0.1	4	0.03
DUP 1353686	QC		0.015	1.3	27.3	5.4	16	<0.1	1.4	2.5	175	0.97	1.0	10.7	8.5	8	<0.1	0.4	0.1	4	0.03
Reference Materials																					
STD BVGE001	Standard			10.6	4432.5	185.2	1836	2.5	156.3	25.0	719	3.76	118.7	215.6	15.3	57	6.3	2.3	24.1	74	1.27
STD DS11	Standard			15.6	147.0	137.7	332	1.7	76.5	13.7	1039	3.08	42.6	123.2	8.0	65	2.6	6.5	11.1	50	1.06
STD OREAS262	Standard			0.7	121.0	56.5	153	0.4	67.1	26.8	530	3.34	36.0	53.9	10.0	34	0.6	1.9	0.9	23	2.97
STD OREAS262	Standard			0.7	120.0	56.2	152	0.4	66.2	28.2	553	3.28	37.4	63.2	9.8	35	0.6	2.1	0.9	24	3.01
STD OXC145	Standard		0.218																		
STD OXC145	Standard		0.221																		
STD OXH139	Standard		1.277																		
STD OXH139	Standard		1.354																		
STD OXN134	Standard		7.652																		
STD OXN134	Standard		8.100																		
STD BVGE001 Expected				10.8	4415	187	1741	2.53	163	25	733	3.7	121	219	14.4	55	6.5	2.2	25.6	73	1.3219
STD DS11 Expected				13.9	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	7.2	12.2	50	1.063
STD OREAS262 Expected				0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	65	9.33	36	0.61	3.39	1.03	22.5	2.98
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD OXN134 Expected			7.667																		
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	<1	<0.01
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	<1	<0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		



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Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	P	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	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																			
1353665	Rock	0.016	25	1	0.02	220	0.002	<20	0.34	0.056	0.20	<0.1	<0.01	1.5	<0.1	<0.05	<1	<0.5	<0.2
REP 1353665	QC																		
1353684	Rock	0.008	17	2	0.02	390	0.001	<20	0.37	0.088	0.15	<0.1	<0.01	2.0	<0.1	<0.05	<1	<0.5	<0.2
REP 1353684	QC	0.008	18	2	0.02	403	0.001	<20	0.38	0.090	0.15	<0.1	<0.01	2.0	<0.1	<0.05	<1	<0.5	<0.2
Core Reject Duplicates																			
1353686	Rock	0.008	17	2	0.01	189	0.001	<20	0.27	0.054	0.11	<0.1	<0.01	1.4	<0.1	<0.05	<1	<0.5	<0.2
DUP 1353686	QC	0.008	18	2	0.02	203	0.002	<20	0.38	0.084	0.15	<0.1	<0.01	1.7	<0.1	<0.05	<1	<0.5	<0.2
Reference Materials																			
STD BVGE001	Standard	0.073	26	172	1.31	329	0.230	<20	2.34	0.196	0.89	3.4	0.08	5.7	0.6	0.66	7	4.0	1.1
STD DS11	Standard	0.073	18	59	0.84	423	0.089	<20	1.16	0.071	0.40	2.7	0.25	3.0	5.0	0.28	5	1.7	4.6
STD OREAS262	Standard	0.041	17	44	1.19	249	0.003	<20	1.34	0.071	0.34	<0.1	0.16	3.4	0.4	0.26	4	<0.5	<0.2
STD OREAS262	Standard	0.040	17	44	1.20	249	0.003	<20	1.41	0.071	0.32	<0.1	0.15	3.2	0.4	0.26	4	<0.5	0.2
STD OXC145	Standard																		
STD OXC145	Standard																		
STD OXH139	Standard																		
STD OXH139	Standard																		
STD OXN134	Standard																		
STD OXN134	Standard																		
STD BVGE001 Expected		0.0727	25.9	171	1.2963	340	0.233		2.347	0.1924	0.89	3.5	0.1	5.97	0.62	0.6655	7.37	4.84	1.02
STD DS11 Expected		0.0701	18.6	61.5	0.85	417	0.0976		1.129	0.0694	0.4	2.9	0.26	3.1	4.9	0.2835	4.7	2.2	4.56
STD OREAS262 Expected		0.04	15.9	41.7	1.17	248	0.003		1.204	0.071	0.312	0.13	0.17	3.24	0.47	0.253	3.73	0.4	0.23
STD OXC145 Expected																			
STD OXH139 Expected																			
STD OXN134 Expected																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																		
BLK	Blank																		



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		WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	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	1	0.01
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
Prep Wash																					
ROCK-WHI	Prep Blank	<0.005	0.9	2.6	1.5	33	<0.1	1.1	4.1	531	2.07	4.1	2.8	2.7	29	<0.1	<0.1	<0.1	28	0.70	
ROCK-WHI	Prep Blank	<0.005	1.2	4.2	1.3	32	<0.1	1.5	4.5	516	2.06	1.7	2.6	2.6	23	<0.1	<0.1	<0.1	31	0.65	



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		AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200		
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
ROCK-WHI	Prep Blank	0.046	7	3	0.47	80	0.102	<20	1.07	0.121	0.12	0.3	<0.01	3.3	<0.1	<0.05	4	<0.5	<0.2	
ROCK-WHI	Prep Blank	0.044	6	3	0.51	67	0.089	<20	1.00	0.092	0.09	0.1	<0.01	2.8	<0.1	<0.05	4	<0.5	<0.2	