



BUREAU MINERAL LABORATORIES
VERITAS Canada

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

Client: **Tectonic Metals Inc.**
595 Burrard St.
Suite 2600
Vancouver British Columbia V7X 1L7 Canada

Submitted By: Greg Dawson
Receiving Lab: Canada-Whitehorse
Received: July 20, 2018
Report Date: August 20, 2018
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI18000413.1

CLIENT JOB INFORMATION

Project: MCQ
Shipment ID: MCQ-20180717-004-PROBE
P.O. Number
Number of Samples: 19

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: Ground Truth Exploration Inc.
Box 70
Dawson Yukon Y0B 1G0
Canada

CC: Eric Buitenhuis
Isaac Fage
Ben McGrath

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	19	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	19	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	19	Environmental disposal charge-Fire assay lead waste			VAN
AQ200	19	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
SHP01	19	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS


JEFFREY CANNON
Geochemistry Department Supervisor

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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Page: 2 of 2

Part: 1 of 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
	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
1645672	Rock	1.08	0.005	0.5	37.8	29.0	71	<0.1	24.9	12.9	146	3.08	4.4	1.2	20.3	23	<0.1	<0.1	0.7	9	0.06
1645673	Rock	0.99	<0.005	0.8	35.8	40.4	75	0.1	25.0	11.0	166	3.29	5.3	2.6	17.0	15	0.2	0.2	0.7	9	0.04
1645674	Rock	1.01	<0.005	0.7	28.6	15.6	61	<0.1	12.8	7.0	139	3.43	8.1	1.2	25.6	23	<0.1	<0.1	0.5	11	0.07
1645675	Rock	0.95	<0.005	0.8	28.7	5.0	71	<0.1	18.0	7.8	208	3.22	4.8	1.5	13.3	18	<0.1	0.2	0.2	11	0.04
1645676	Rock	0.55	<0.005	<0.1	0.8	0.4	1	<0.1	1.4	0.7	75	0.08	<0.5	1.0	0.1	71	<0.1	<0.1	<0.1	<1	31.07
1645677	Rock	0.94	0.005	3.4	46.6	65.6	74	0.3	21.0	8.0	247	4.07	8.5	1.3	12.4	23	0.1	0.4	0.9	13	0.09
1645678	Rock	0.92	0.006	5.9	24.1	21.0	59	<0.1	16.0	6.3	401	3.90	15.6	<0.5	13.1	24	0.1	0.4	0.3	13	0.08
1645679	Rock	1.04	0.006	5.4	26.4	25.6	59	<0.1	18.8	10.3	210	3.50	5.8	1.4	16.5	23	0.1	0.1	0.4	12	0.06
1645680	Rock	0.98	<0.005	1.0	20.3	9.3	49	<0.1	22.8	9.7	548	2.26	3.1	1.4	10.8	12	<0.1	0.4	0.1	7	0.09
1645681	Rock	1.12	<0.005	2.7	38.5	16.1	63	<0.1	21.8	9.4	284	3.17	3.5	3.0	13.9	14	<0.1	0.4	0.3	9	0.05
1645682	Rock	0.71	0.006	1.6	31.4	19.1	66	<0.1	39.7	13.6	633	3.31	11.5	1.7	13.8	12	0.1	0.7	0.3	13	0.09
1645683	Rock	1.08	0.007	2.9	38.9	21.5	76	0.1	41.3	11.7	306	3.62	9.6	3.5	14.3	13	0.1	0.5	0.3	11	0.05
1645684	Rock	1.21	<0.005	1.2	21.3	9.5	52	<0.1	37.8	13.9	247	2.72	0.9	1.2	11.2	10	0.1	<0.1	0.2	7	0.05
1645685	Rock	1.13	<0.005	1.4	41.0	15.3	90	<0.1	52.2	18.2	466	3.91	<0.5	1.1	17.7	14	0.2	<0.1	0.5	10	0.06
1645686	Rock	1.51	0.006	1.1	35.6	9.1	79	<0.1	23.7	9.2	248	3.61	0.8	3.1	19.4	12	<0.1	<0.1	0.5	9	0.07
1645687	Rock	1.17	<0.005	1.3	35.5	6.3	76	<0.1	12.0	4.9	297	3.72	<0.5	1.4	19.0	13	<0.1	<0.1	0.3	12	0.08
1645688	Rock	0.98	0.005	2.6	42.3	49.1	80	<0.1	34.9	13.3	707	3.97	0.6	1.9	18.6	18	0.1	0.2	0.5	16	0.10
1645689	Rock	1.08	<0.005	2.3	46.8	35.2	79	<0.1	32.0	10.6	416	4.18	1.5	1.5	15.5	19	0.2	0.1	0.6	19	0.08
1645690	Rock	0.94	<0.005	2.1	36.3	33.7	82	<0.1	23.9	10.9	421	3.65	2.0	2.4	11.8	15	0.2	0.1	0.4	18	0.06



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Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	AQ200	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
1645672	Rock	0.038	60	14	0.50	78	0.003	<20	1.24	0.010	0.26	<0.1	<0.01	1.5	0.2	<0.05	4	<0.5	<0.2
1645673	Rock	0.032	47	12	0.38	149	0.003	<20	1.08	0.012	0.27	<0.1	0.01	1.8	0.1	<0.05	3	<0.5	<0.2
1645674	Rock	0.050	59	16	0.57	130	0.004	<20	1.33	0.009	0.28	<0.1	<0.01	1.6	0.1	<0.05	4	<0.5	<0.2
1645675	Rock	0.030	34	14	0.66	115	0.003	<20	1.43	0.016	0.24	<0.1	0.01	1.6	0.1	<0.05	4	<0.5	<0.2
1645676	Rock	0.006	1	<1	0.37	12	0.001	<20	0.03	0.002	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
1645677	Rock	0.043	31	15	0.58	109	0.002	<20	1.33	0.010	0.21	<0.1	0.04	1.8	0.2	<0.05	4	<0.5	<0.2
1645678	Rock	0.038	34	13	0.55	80	0.002	<20	1.10	0.010	0.21	<0.1	0.01	1.4	0.2	<0.05	4	<0.5	<0.2
1645679	Rock	0.037	43	14	0.50	107	0.002	<20	1.22	0.010	0.28	<0.1	0.01	1.5	0.1	<0.05	3	<0.5	<0.2
1645680	Rock	0.028	31	10	0.31	129	0.003	<20	0.84	0.009	0.16	<0.1	0.02	1.4	<0.1	<0.05	2	<0.5	<0.2
1645681	Rock	0.031	39	10	0.42	75	0.002	<20	1.10	0.007	0.23	<0.1	0.02	1.2	0.1	<0.05	3	<0.5	<0.2
1645682	Rock	0.035	44	14	0.25	119	0.007	<20	0.89	0.009	0.22	<0.1	0.03	2.4	0.1	<0.05	2	<0.5	<0.2
1645683	Rock	0.037	56	11	0.16	126	0.003	<20	0.80	0.009	0.25	<0.1	0.05	1.9	0.1	<0.05	2	<0.5	<0.2
1645684	Rock	0.027	46	9	0.09	78	0.002	<20	0.63	0.007	0.21	<0.1	0.01	1.5	<0.1	<0.05	2	<0.5	<0.2
1645685	Rock	0.036	40	13	0.47	178	0.002	<20	1.25	0.010	0.31	<0.1	0.01	1.9	0.1	<0.05	3	<0.5	<0.2
1645686	Rock	0.031	24	14	0.61	83	0.002	<20	1.33	0.008	0.26	<0.1	<0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1645687	Rock	0.040	15	18	0.75	206	0.004	<20	1.65	0.011	0.33	<0.1	<0.01	1.5	0.1	<0.05	4	<0.5	<0.2
1645688	Rock	0.056	30	20	1.03	236	0.004	<20	1.71	0.009	0.26	<0.1	0.01	1.9	0.1	<0.05	5	<0.5	<0.2
1645689	Rock	0.048	29	20	0.97	223	0.017	<20	1.81	0.010	0.28	<0.1	<0.01	2.0	0.1	<0.05	5	<0.5	<0.2
1645690	Rock	0.042	22	19	0.95	172	0.033	<20	1.64	0.011	0.20	<0.1	0.01	1.9	<0.1	<0.05	5	<0.5	<0.2



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Page: 1 of 1

Part: 1 of 2

QUALITY CONTROL REPORT

WHI18000413.1

	Method	WGHT	FA430	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																					
1645672	Rock	1.08	0.005	0.5	37.8	29.0	71	<0.1	24.9	12.9	146	3.08	4.4	1.2	20.3	23	<0.1	<0.1	0.7	9	0.06
REP 1645672	QC			0.7	39.2	28.7	70	0.1	24.3	13.1	150	3.15	4.6	2.6	20.4	23	<0.1	<0.1	0.7	9	0.06
Reference Materials																					
STD DS11	Standard			15.3	149.1	143.1	352	1.9	81.0	14.3	1071	3.17	44.1	49.6	8.0	73	2.4	7.2	12.5	50	1.09
STD OREAS45EA	Standard			1.7	719.4	15.1	36	0.3	409.3	56.8	416	23.98	12.7	56.0	10.9	4	<0.1	0.2	0.3	335	0.03
STD OXC145	Standard		0.211																		
STD OXH139	Standard		1.297																		
STD OXN134	Standard		7.680																		
STD OXN134 Expected			7.667																		
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD OREAS45EA Expected				1.6	709	14.3	31.4	0.26	381	52	400	22.65	11.4	53	10.7	4.05	0.03	0.32	0.26	303	0.036
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
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	1.1	3.9	1.4	36	<0.1	1.0	3.9	542	1.88	1.5	2.5	2.6	29	<0.1	<0.1	<0.1	24	0.73
ROCK-WHI	Prep Blank		<0.005	1.4	5.8	1.5	34	<0.1	1.0	3.7	540	1.86	1.0	0.7	2.5	28	<0.1	<0.1	<0.1	24	0.75



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Page: 1 of 1

Part: 2 of 2

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	Method	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																			
1645672	Rock	0.038	60	14	0.50	78	0.003	<20	1.24	0.010	0.26	<0.1	<0.01	1.5	0.2	<0.05	4	<0.5	<0.2
REP 1645672	QC	0.039	61	14	0.51	81	0.003	<20	1.26	0.011	0.26	<0.1	<0.01	1.6	0.2	<0.05	3	<0.5	<0.2
Reference Materials																			
STD DS11	Standard	0.074	21	62	0.86	436	0.102	<20	1.21	0.077	0.42	3.1	0.30	3.5	5.1	0.28	5	2.4	4.6
STD OREAS45EA	Standard	0.030	8	968	0.10	158	0.109	<20	3.45	0.021	0.06	<0.1	0.01	88.2	<0.1	<0.05	14	<0.5	<0.2
STD OXC145	Standard																		
STD OXH139	Standard																		
STD OXN134	Standard																		
STD OXN134 Expected																			
STD OXC145 Expected																			
STD OXH139 Expected																			
STD OREAS45EA Expected		0.029	7.06	849	0.095	148	0.0984		3.32	0.02	0.053			78	0.072	0.036	12.4	0.78	0.1
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
BLK	Blank																		
BLK	Blank																		
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
Prep Wash																			
ROCK-WHI	Prep Blank	0.040	7	3	0.42	69	0.095	<20	0.95	0.098	0.10	<0.1	<0.01	3.1	<0.1	<0.05	4	<0.5	<0.2
ROCK-WHI	Prep Blank	0.038	7	3	0.43	70	0.093	<20	1.02	0.121	0.12	<0.1	<0.01	3.3	<0.1	<0.05	4	<0.5	<0.2