



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 24, 2018
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CERTIFICATE OF ANALYSIS

WHI18000410.1

CLIENT JOB INFORMATION

Project: MCQ
Shipment ID: MCQ-20180717-001-PROBE
P.O. Number
Number of Samples: 24

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	24	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	24	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	24	Environmental disposal charge-Fire assay lead waste			VAN
AQ200	24	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
SHP01	24	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	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
1645598	Rock	0.80	<0.005	1.1	28.7	12.1	65	<0.1	26.4	9.0	313	2.47	5.9	0.8	9.5	16	0.3	0.7	0.2	22	0.12
1645599	Rock	0.90	0.005	0.9	31.1	13.1	64	<0.1	30.4	11.7	330	2.87	5.2	0.6	11.6	18	0.2	0.6	0.2	19	0.13
1645600	Rock	0.91	<0.005	1.1	27.3	11.4	57	<0.1	24.8	11.9	417	2.33	6.3	0.8	10.0	12	0.2	0.6	0.2	14	0.09
1645601	Rock	0.97	<0.005	1.0	27.6	14.8	57	<0.1	22.8	10.4	241	2.29	3.3	<0.5	11.1	12	0.1	0.5	0.2	8	0.07
1645602	Rock	0.91	<0.005	0.9	28.4	15.4	64	<0.1	26.8	11.1	318	2.67	5.6	0.6	12.1	14	0.1	0.5	0.3	17	0.09
1645603	Rock	0.86	<0.005	0.8	20.9	10.8	49	<0.1	15.9	6.0	221	1.90	4.0	<0.5	8.8	11	<0.1	0.4	0.2	10	0.08
1645604	Rock	0.95	<0.005	1.3	41.3	17.6	73	<0.1	33.5	15.3	236	3.17	1.2	<0.5	19.7	16	<0.1	0.2	0.3	7	0.06
1645605	Rock	0.92	<0.005	0.5	25.2	11.2	63	<0.1	25.6	10.5	241	2.43	1.2	0.6	10.2	12	<0.1	0.1	0.1	5	0.05
1645606	Rock	0.91	0.010	1.2	41.7	16.0	76	<0.1	32.2	12.7	242	3.10	5.2	0.8	14.9	16	0.1	0.6	0.3	12	0.06
1645607	Rock	0.91	<0.005	2.0	35.9	23.5	73	<0.1	39.5	17.7	774	3.46	5.0	7.5	14.5	16	0.2	0.8	0.4	10	0.05
1645608	Rock	0.91	<0.005	0.9	26.8	15.2	54	<0.1	19.0	7.8	242	2.26	3.5	<0.5	11.3	15	<0.1	0.4	0.2	11	0.09
1645609	Rock	0.93	<0.005	0.7	10.5	9.3	22	<0.1	6.3	2.5	225	0.93	0.8	<0.5	6.8	6	<0.1	0.1	<0.1	2	0.04
1645610	Rock	0.89	0.006	5.0	40.2	28.9	70	<0.1	22.3	11.9	442	3.95	23.2	1.9	19.4	28	0.3	0.3	0.5	17	0.11
1645611	Rock	0.96	<0.005	1.0	29.7	20.8	65	<0.1	26.7	11.7	370	2.72	5.8	<0.5	12.8	12	<0.1	0.5	0.3	7	0.05
1645612	Rock	0.87	<0.005	1.0	30.0	17.6	65	<0.1	24.3	10.2	290	2.89	2.9	1.1	12.3	11	<0.1	0.7	0.2	8	0.04
1645613	Rock	0.84	<0.005	1.4	30.5	18.0	59	<0.1	19.5	7.9	213	2.60	1.6	<0.5	12.0	10	<0.1	0.6	0.3	6	0.03
1645614	Rock	0.93	<0.005	1.2	37.9	20.5	63	<0.1	24.5	9.2	159	2.78	2.1	<0.5	21.7	15	<0.1	0.3	0.3	5	0.05
1645615	Rock	0.98	<0.005	0.8	43.6	27.4	77	<0.1	31.5	19.6	350	3.50	2.2	<0.5	22.7	14	<0.1	0.3	0.5	7	0.05
1645616	Rock	0.99	<0.005	1.4	41.3	16.9	81	<0.1	29.1	10.7	251	3.81	3.7	<0.5	12.7	13	0.1	0.4	0.3	9	0.03
1645617	Rock	0.95	<0.005	3.1	44.5	29.4	79	<0.1	31.6	11.5	282	4.25	5.6	0.6	14.6	16	0.1	0.6	0.5	10	0.03
1645618	Rock	0.89	<0.005	3.2	48.2	42.8	96	0.1	41.3	15.5	445	4.44	4.3	<0.5	15.4	15	0.2	0.3	0.6	11	0.04
1645619	Rock	0.90	0.006	2.4	48.6	22.8	86	<0.1	40.5	14.6	263	4.01	4.3	0.6	14.9	16	0.2	0.3	0.5	9	0.03
1645620	Rock	0.90	<0.005	0.8	30.0	12.4	74	<0.1	32.2	12.2	600	3.41	3.1	<0.5	11.9	10	0.2	0.3	0.3	6	0.02
1645621	Rock	0.80	0.006	2.4	50.9	25.3	86	0.1	32.3	10.7	277	4.06	5.5	1.3	16.8	19	0.2	0.5	0.5	15	0.06



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CERTIFICATE OF ANALYSIS

WHI18000410.1

	Method	Analyte	Unit																	MDL	
			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	0.05	1	0.5	0.2		
1645598	Rock		0.042	25	23	0.44	198	0.012	<20	0.97	0.010	0.15	<0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2	
1645599	Rock		0.043	30	24	0.47	195	0.012	<20	1.11	0.015	0.18	<0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2	
1645600	Rock		0.035	27	15	0.30	175	0.007	<20	0.84	0.010	0.15	<0.1	0.02	1.7	<0.1	<0.05	2	<0.5	<0.2	
1645601	Rock		0.025	31	10	0.21	153	0.002	<20	0.77	0.008	0.17	<0.1	0.03	1.3	<0.1	<0.05	2	<0.5	<0.2	
1645602	Rock		0.038	33	16	0.31	177	0.004	<20	0.87	0.007	0.17	<0.1	0.04	2.2	<0.1	<0.05	2	<0.5	<0.2	
1645603	Rock		0.028	21	10	0.21	119	0.004	<20	0.66	0.013	0.14	<0.1	0.02	1.2	<0.1	<0.05	2	<0.5	<0.2	
1645604	Rock		0.032	48	9	0.18	107	0.001	<20	0.77	0.010	0.24	<0.1	0.05	1.5	0.1	<0.05	2	<0.5	<0.2	
1645605	Rock		0.018	24	7	0.09	71	<0.001	<20	0.67	0.008	0.21	<0.1	0.07	1.2	0.2	<0.05	1	<0.5	<0.2	
1645606	Rock		0.041	42	12	0.16	131	0.003	<20	0.74	0.009	0.23	<0.1	0.03	2.1	0.1	<0.05	2	<0.5	<0.2	
1645607	Rock		0.038	42	10	0.15	195	0.001	<20	0.68	0.007	0.19	<0.1	0.05	1.8	0.1	<0.05	1	<0.5	<0.2	
1645608	Rock		0.027	26	13	0.34	181	0.004	<20	0.94	0.010	0.19	<0.1	0.04	1.4	<0.1	<0.05	2	<0.5	<0.2	
1645609	Rock		0.015	12	6	0.03	25	0.001	<20	0.28	0.003	0.07	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2	
1645610	Rock		0.082	58	19	1.09	67	0.002	<20	1.51	0.008	0.22	0.2	0.01	1.9	0.2	<0.05	4	<0.5	<0.2	
1645611	Rock		0.027	34	8	0.11	125	0.001	<20	0.56	0.008	0.18	<0.1	0.06	1.5	0.1	<0.05	1	<0.5	<0.2	
1645612	Rock		0.027	31	10	0.12	135	0.002	<20	0.65	0.008	0.21	<0.1	0.05	1.5	<0.1	<0.05	1	<0.5	<0.2	
1645613	Rock		0.026	29	10	0.11	62	0.002	<20	0.52	0.006	0.17	<0.1	0.01	1.3	<0.1	<0.05	1	<0.5	<0.2	
1645614	Rock		0.031	55	7	0.12	157	0.001	<20	0.68	0.010	0.30	<0.1	0.01	1.5	0.1	<0.05	1	<0.5	<0.2	
1645615	Rock		0.035	61	9	0.22	95	0.001	<20	0.77	0.008	0.25	<0.1	0.02	1.6	0.1	<0.05	2	<0.5	<0.2	
1645616	Rock		0.028	33	11	0.17	71	0.001	<20	0.74	0.010	0.20	<0.1	0.10	1.9	<0.1	<0.05	2	<0.5	<0.2	
1645617	Rock		0.041	35	11	0.15	90	0.001	<20	0.66	0.013	0.18	<0.1	0.13	1.9	0.1	<0.05	1	<0.5	<0.2	
1645618	Rock		0.045	42	10	0.25	56	0.001	<20	0.81	0.011	0.20	<0.1	0.07	2.1	0.1	<0.05	2	<0.5	<0.2	
1645619	Rock		0.039	40	8	0.09	73	0.001	<20	0.56	0.009	0.20	<0.1	0.17	2.0	0.1	<0.05	1	<0.5	<0.2	
1645620	Rock		0.028	33	8	0.05	116	0.001	<20	0.50	0.011	0.18	<0.1	0.07	1.7	0.1	<0.05	1	<0.5	<0.2	
1645621	Rock		0.046	44	13	0.26	243	0.003	<20	0.90	0.008	0.21	<0.1	0.08	2.4	0.1	<0.05	2	<0.5	<0.2	



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QUALITY CONTROL REPORT

WHI18000410.1

Method Analyte Unit MDL		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	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1645598	Rock	0.80	<0.005	1.1	28.7	12.1	65	<0.1	26.4	9.0	313	2.47	5.9	0.8	9.5	16	0.3	0.7	0.2	22	0.12
REP 1645598	QC			1.1	27.3	12.1	64	<0.1	27.1	9.4	322	2.44	5.7	<0.5	9.8	16	0.2	0.8	0.2	22	0.11
1645607	Rock	0.91	<0.005	2.0	35.9	23.5	73	<0.1	39.5	17.7	774	3.46	5.0	7.5	14.5	16	0.2	0.8	0.4	10	0.05
REP 1645607	QC		0.020																		
Core Reject Duplicates																					
1645603	Rock	0.86	<0.005	0.8	20.9	10.8	49	<0.1	15.9	6.0	221	1.90	4.0	<0.5	8.8	11	<0.1	0.4	0.2	10	0.08
DUP 1645603	QC		<0.005	0.8	20.7	11.7	48	<0.1	16.6	6.5	234	1.99	4.2	<0.5	9.5	11	0.1	0.4	0.2	10	0.09
Reference Materials																					
STD DS11	Standard			13.3	154.7	135.4	334	1.7	74.1	13.0	998	3.04	40.8	85.0	8.3	65	2.4	7.3	12.8	50	1.04
STD OREAS45EA	Standard			1.7	710.4	15.3	31	0.3	392.8	52.2	421	20.81	11.5	55.3	11.6	4	<0.1	0.3	0.3	297	0.03
STD OXC145	Standard		0.201																		
STD OXH139	Standard		1.294																		
STD OXN134	Standard		7.553																		
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	0.9	5.3	5.8	52	<0.1	0.8	3.4	511	1.79	1.4	0.5	2.5	28	0.2	0.2	<0.1	23	0.72
ROCK-WHI	Prep Blank		<0.005	1.0	5.7	2.3	36	<0.1	0.8	3.6	505	1.72	1.3	<0.5	2.5	26	<0.1	<0.1	<0.1	24	0.62



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QUALITY CONTROL REPORT

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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
Pulp Duplicates																			
1645598	Rock	0.042	25	23	0.44	198	0.012	<20	0.97	0.010	0.15	<0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
REP 1645598	QC	0.043	25	24	0.43	199	0.012	<20	0.94	0.010	0.15	<0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
1645607	Rock	0.038	42	10	0.15	195	0.001	<20	0.68	0.007	0.19	<0.1	0.05	1.8	0.1	<0.05	1	<0.5	<0.2
REP 1645607	QC																		
Core Reject Duplicates																			
1645603	Rock	0.028	21	10	0.21	119	0.004	<20	0.66	0.013	0.14	<0.1	0.02	1.2	<0.1	<0.05	2	<0.5	<0.2
DUP 1645603	QC	0.028	22	10	0.22	127	0.005	<20	0.68	0.013	0.14	<0.1	0.02	1.2	<0.1	<0.05	2	<0.5	<0.2
Reference Materials																			
STD DS11	Standard	0.067	19	55	0.83	389	0.088	<20	1.13	0.070	0.40	2.4	0.26	3.2	4.9	0.27	5	2.4	4.6
STD OREAS45EA	Standard	0.030	8	847	0.10	148	0.099	<20	3.17	0.018	0.06	<0.1	<0.01	82.3	<0.1	<0.05	13	1.2	<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	0.036	7	3	0.43	67	0.080	<20	0.93	0.094	0.11	<0.1	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
ROCK-WHI	Prep Blank	0.036	7	3	0.43	65	0.079	<20	0.89	0.085	0.10	<0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2