



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 10, 2018
Report Date: August 10, 2018
Page: 1 of 4

CERTIFICATE OF ANALYSIS

WHI18000313.1

CLIENT JOB INFORMATION

Project: MCQ
Shipment ID: MCQ-20180706-001-PROBE
P.O. Number
Number of Samples: 62

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	62	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	62	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	62	Environmental disposal charge-Fire assay lead waste			VAN
AQ200	62	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
SHP01	62	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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	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	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
1645311	Rock	0.90	<0.005	1.0	15.9	18.1	106	<0.1	17.9	5.6	260	1.66	5.7	3.7	5.7	7	0.2	0.9	0.1	6	0.03
1645312	Rock	0.94	<0.005	0.9	8.4	5.9	54	<0.1	9.7	3.1	145	1.06	3.9	1.5	5.4	6	0.1	1.0	<0.1	7	0.04
1645313	Rock	0.92	<0.005	0.7	8.8	5.0	27	<0.1	8.7	2.4	140	0.97	3.0	2.4	4.7	6	<0.1	0.4	<0.1	6	0.04
1645314	Rock	0.90	0.013	0.8	10.9	6.7	39	<0.1	10.8	2.8	195	1.10	3.8	1.6	4.8	7	0.1	0.6	<0.1	8	0.04
1645315	Rock	0.98	<0.005	3.7	14.7	13.3	85	<0.1	17.9	4.4	900	1.64	4.9	1.5	4.6	10	0.4	1.2	<0.1	9	0.06
1645316	Rock	0.98	<0.005	1.7	60.2	10.5	139	<0.1	55.4	18.5	381	5.00	12.5	2.2	12.3	9	<0.1	0.6	0.3	10	0.07
1645317	Rock	0.68	<0.005	0.7	10.9	12.1	22	<0.1	13.2	4.3	146	1.17	1.3	1.0	4.2	4	<0.1	0.4	<0.1	3	0.03
1645318	Rock	1.05	<0.005	0.9	24.2	4.5	66	<0.1	13.5	4.5	104	2.25	1.3	0.8	8.7	10	<0.1	1.1	0.2	5	0.01
1645319	Rock	0.79	<0.005	0.7	6.5	7.2	69	<0.1	7.6	1.9	125	0.72	1.3	<0.5	5.0	4	<0.1	0.1	<0.1	3	0.03
1645320	Rock	0.82	<0.005	0.8	6.4	4.3	52	<0.1	6.7	2.0	123	0.94	1.9	<0.5	4.1	4	<0.1	0.2	<0.1	4	0.03
1645321	Rock	0.93	<0.005	0.7	8.8	5.6	53	<0.1	9.6	3.0	157	1.17	1.8	1.4	6.4	5	0.1	0.3	<0.1	6	0.03
1645322	Rock	0.89	<0.005	0.8	14.5	24.0	47	<0.1	12.1	3.8	295	1.43	2.3	1.7	6.9	7	<0.1	0.3	0.2	5	0.07
1645323	Rock	1.00	<0.005	1.0	19.7	7.6	64	<0.1	15.0	5.0	229	1.71	3.8	1.2	7.2	10	0.2	0.6	0.1	12	0.05
1645324	Rock	0.85	0.012	1.5	24.6	7.7	62	<0.1	22.8	7.2	347	2.00	10.2	1.6	5.7	17	0.2	0.9	0.1	26	0.14
1645325	Rock	0.99	<0.005	1.0	18.5	9.2	77	<0.1	15.8	5.3	232	1.76	3.8	1.1	8.3	11	0.2	0.6	0.1	11	0.05
1645326	Rock	0.58	<0.005	<0.1	3.0	0.3	<1	<0.1	3.2	1.1	79	0.11	<0.5	<0.5	<0.1	83	<0.1	<0.1	<0.1	<1	33.14
1645327	Rock	0.72	<0.005	1.0	26.3	22.6	103	<0.1	23.3	8.7	353	2.02	4.4	1.0	9.1	10	0.3	1.1	0.1	9	0.06
1645328	Rock	0.90	<0.005	0.7	14.6	9.9	48	<0.1	14.6	4.9	231	1.52	2.2	<0.5	6.3	7	<0.1	0.5	<0.1	6	0.04
1645329	Rock	0.89	0.012	0.9	16.1	9.6	56	<0.1	16.3	5.1	315	1.56	6.9	3.5	5.8	10	0.1	0.5	<0.1	16	0.09
1645330	Rock	0.91	0.024	1.0	19.7	9.3	47	<0.1	17.4	5.5	285	1.52	6.8	<0.5	5.6	9	<0.1	0.6	<0.1	15	0.10
1645331	Rock	0.95	<0.005	1.5	18.9	13.8	60	<0.1	15.8	5.3	198	2.59	2.4	0.6	10.6	12	<0.1	0.4	0.2	11	0.05
1645332	Rock	0.94	<0.005	1.2	19.3	10.7	64	<0.1	18.1	6.8	256	2.19	7.2	1.4	8.7	13	0.1	0.5	0.1	16	0.10
1645333	Rock	0.96	0.015	1.1	22.1	14.0	59	<0.1	23.2	7.6	302	2.24	4.8	1.6	9.5	11	0.1	0.6	0.2	14	0.07
1645334	Rock	0.84	0.016	1.0	21.1	8.9	52	<0.1	19.0	6.2	297	1.96	8.0	0.9	7.5	12	0.2	0.5	<0.1	17	0.10
1645335	Rock	0.88	<0.005	1.2	29.1	17.8	92	<0.1	26.8	8.8	416	2.38	8.5	2.3	7.6	16	0.4	1.0	0.1	26	0.13
1645336	Rock	0.92	<0.005	1.2	23.9	15.8	98	<0.1	22.2	7.4	335	2.03	6.2	1.0	6.9	14	0.3	0.8	0.1	19	0.11
1645337	Rock	0.92	<0.005	1.0	24.9	13.5	68	<0.1	27.8	8.7	394	2.37	5.2	0.8	9.1	13	0.2	0.5	0.1	17	0.09
1645338	Rock	0.98	0.006	1.2	27.6	13.6	78	<0.1	27.5	9.3	339	2.65	6.0	0.5	10.7	12	0.2	0.4	0.2	19	0.07
1645339	Rock	0.85	<0.005	1.1	28.6	13.6	72	<0.1	25.4	8.5	348	2.41	5.3	2.0	10.8	15	0.3	0.5	0.2	20	0.09
1645340	Rock	1.00	0.006	1.2	33.5	18.9	87	<0.1	33.2	11.7	362	3.11	6.4	1.9	13.5	20	0.2	0.6	0.3	23	0.11



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	Method	Analyte	Unit	MDL	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	0.1	0.05	1	0.5
1645311	Rock				0.017	16	9	0.06	116	0.003	<20	0.39	0.005	0.18	<0.1	0.02	1.1	<0.1	<0.05	<1	<0.5	<0.2
1645312	Rock				0.015	15	10	0.09	120	0.004	<20	0.42	0.010	0.16	<0.1	0.02	0.9	<0.1	<0.05	<1	<0.5	<0.2
1645313	Rock				0.015	11	8	0.07	124	0.005	<20	0.37	0.005	0.14	<0.1	0.02	0.8	<0.1	<0.05	<1	<0.5	<0.2
1645314	Rock				0.019	12	9	0.07	104	0.005	<20	0.39	0.005	0.14	<0.1	0.01	0.8	<0.1	<0.05	<1	<0.5	<0.2
1645315	Rock				0.032	13	18	0.09	218	0.006	<20	0.43	0.010	0.16	<0.1	0.03	1.3	<0.1	<0.05	1	<0.5	<0.2
1645316	Rock				0.063	37	11	0.07	146	0.001	<20	0.52	0.008	0.34	<0.1	0.05	2.5	0.1	<0.05	1	<0.5	<0.2
1645317	Rock				0.015	13	6	0.03	67	0.001	<20	0.32	0.005	0.16	<0.1	0.03	0.5	<0.1	<0.05	<1	<0.5	<0.2
1645318	Rock				0.016	32	6	0.04	98	0.001	<20	0.38	0.009	0.33	<0.1	0.05	1.1	0.1	<0.05	<1	<0.5	<0.2
1645319	Rock				0.011	9	6	0.05	64	0.002	<20	0.28	0.005	0.13	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
1645320	Rock				0.011	11	6	0.10	69	0.003	<20	0.35	0.008	0.12	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2
1645321	Rock				0.015	16	9	0.07	116	0.003	<20	0.36	0.005	0.18	<0.1	0.01	0.7	0.1	<0.05	<1	<0.5	<0.2
1645322	Rock				0.017	17	8	0.06	111	0.003	<20	0.35	0.008	0.18	<0.1	0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
1645323	Rock				0.026	19	11	0.15	144	0.007	<20	0.55	0.008	0.20	<0.1	0.02	1.4	<0.1	<0.05	1	<0.5	<0.2
1645324	Rock				0.061	19	17	0.24	186	0.024	<20	0.78	0.014	0.15	0.3	0.03	2.0	<0.1	<0.05	2	<0.5	<0.2
1645325	Rock				0.026	26	11	0.14	166	0.005	<20	0.54	0.008	0.22	<0.1	0.01	1.3	<0.1	<0.05	1	<0.5	<0.2
1645326	Rock				0.006	1	1	0.56	12	0.001	<20	0.02	0.001	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
1645327	Rock				0.027	22	11	0.13	186	0.005	<20	0.54	0.007	0.21	<0.1	0.03	1.6	<0.1	<0.05	1	<0.5	<0.2
1645328	Rock				0.019	16	8	0.12	132	0.004	<20	0.45	0.007	0.17	<0.1	0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
1645329	Rock				0.037	17	13	0.19	120	0.018	<20	0.61	0.012	0.14	0.1	0.02	1.5	<0.1	<0.05	1	<0.5	<0.2
1645330	Rock				0.036	16	12	0.15	118	0.015	<20	0.58	0.013	0.15	0.1	0.02	1.4	<0.1	<0.05	1	<0.5	<0.2
1645331	Rock				0.033	35	16	0.47	180	0.005	<20	1.11	0.010	0.24	<0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1645332	Rock				0.043	26	15	0.36	142	0.011	<20	0.93	0.011	0.20	0.1	0.03	1.5	<0.1	<0.05	2	<0.5	<0.2
1645333	Rock				0.034	28	17	0.36	187	0.008	<20	0.93	0.014	0.20	<0.1	0.03	1.7	<0.1	<0.05	2	<0.5	<0.2
1645334	Rock				0.044	20	15	0.23	112	0.020	<20	0.75	0.017	0.14	0.3	0.02	1.5	<0.1	<0.05	2	<0.5	<0.2
1645335	Rock				0.054	23	19	0.29	265	0.020	<20	0.88	0.013	0.17	0.2	0.05	2.6	<0.1	<0.05	2	<0.5	<0.2
1645336	Rock				0.038	19	16	0.19	309	0.011	<20	0.69	0.011	0.18	0.1	0.03	1.9	<0.1	<0.05	2	<0.5	<0.2
1645337	Rock				0.039	25	19	0.31	226	0.013	<20	0.90	0.016	0.17	<0.1	0.03	2.1	<0.1	<0.05	2	<0.5	<0.2
1645338	Rock				0.040	31	23	0.42	149	0.014	<20	1.06	0.014	0.19	<0.1	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1645339	Rock				0.052	34	20	0.38	140	0.014	<20	1.03	0.013	0.20	<0.1	0.03	2.4	<0.1	<0.05	2	<0.5	<0.2
1645340	Rock				0.055	38	29	0.57	342	0.014	<20	1.31	0.013	0.22	<0.1	0.04	2.7	<0.1	<0.05	4	<0.5	<0.2



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		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
1645341	Rock	0.99	<0.005	0.6	18.5	10.2	48	<0.1	21.9	6.9	263	2.38	2.3	0.6	9.7	9	<0.1	0.2	0.1	13	0.04
1645342	Rock	0.90	<0.005	2.6	25.5	12.7	82	<0.1	27.1	9.1	397	2.36	8.2	1.5	7.8	18	0.3	0.9	0.1	26	0.14
1645343	Rock	0.89	<0.005	1.0	25.7	13.2	63	<0.1	37.7	11.2	312	2.57	4.1	0.8	10.5	12	0.1	0.3	0.2	15	0.07
1645344	Rock	0.74	0.011	1.5	26.5	10.8	90	0.1	27.5	8.2	410	2.27	8.9	3.8	6.3	19	0.5	0.9	0.2	31	0.17
1645345	Rock	1.00	<0.005	1.0	25.7	13.0	67	<0.1	33.8	10.1	338	2.55	5.8	1.7	10.7	16	0.2	0.5	0.2	22	0.12
1645346	Rock	0.92	<0.005	1.1	32.2	18.1	71	<0.1	31.4	10.6	343	2.76	7.3	1.3	11.8	16	0.2	0.6	0.3	23	0.10
1645347	Rock	0.94	<0.005	1.2	27.6	15.3	81	<0.1	26.8	8.7	331	2.85	5.2	1.7	11.1	16	0.2	0.6	0.2	22	0.11
1645348	Rock	0.92	0.028	1.1	22.1	9.8	62	0.1	26.0	8.0	306	2.09	5.7	1.1	8.2	13	0.2	0.6	0.1	20	0.10
1645349	Rock	0.99	<0.005	2.7	25.7	11.7	51	<0.1	24.2	9.1	236	2.34	3.5	1.5	11.8	22	<0.1	0.3	0.2	16	0.24
1645350	Rock	1.05	<0.005	1.0	27.6	14.9	62	<0.1	30.8	10.2	301	2.67	4.6	0.7	12.6	14	<0.1	0.4	0.2	19	0.08
1645351	Rock	1.02	<0.005	0.7	26.9	13.3	57	<0.1	19.6	8.2	225	2.60	3.2	<0.5	14.1	15	<0.1	0.2	0.2	14	0.06
1645352	Rock	0.95	0.006	0.8	24.5	13.9	61	<0.1	22.6	8.7	262	2.34	3.4	<0.5	12.5	13	<0.1	0.3	0.2	16	0.07
1645353	Rock	1.09	<0.005	1.0	37.3	21.4	66	<0.1	17.0	8.2	228	3.24	2.9	1.5	20.6	17	<0.1	0.2	0.4	12	0.04
1645354	Rock	0.94	<0.005	0.6	35.2	19.6	70	<0.1	16.6	7.3	172	3.54	2.1	1.2	21.8	18	<0.1	<0.1	0.4	12	0.04
1645355	Rock	1.00	<0.005	3.9	33.5	18.4	74	<0.1	23.6	8.5	239	3.32	4.4	<0.5	15.9	17	<0.1	0.2	0.3	21	0.07
1645356	Rock	1.00	<0.005	0.9	32.1	16.7	78	<0.1	18.7	8.4	250	3.23	6.6	1.0	13.9	18	<0.1	0.3	0.3	21	0.13
1645357	Rock	0.91	<0.005	1.0	32.3	16.3	81	<0.1	23.8	9.0	329	3.29	6.4	1.7	12.5	19	0.1	0.5	0.3	28	0.11
1645358	Rock	0.93	<0.005	0.7	47.2	16.8	90	<0.1	29.1	15.0	202	4.09	2.7	<0.5	24.3	18	<0.1	<0.1	0.4	12	0.06
1645359	Rock	0.84	<0.005	5.0	33.2	30.4	55	<0.1	49.1	16.2	2175	3.70	<0.5	1.1	13.5	40	0.3	0.3	0.3	11	2.58
1645360	Rock	0.87	<0.005	3.5	47.5	27.9	82	<0.1	62.3	21.3	1702	4.54	2.2	1.6	17.8	19	0.2	0.3	0.4	12	0.12
1645361	Rock	0.97	0.006	4.2	52.3	31.6	124	<0.1	140.7	49.1	2263	4.94	2.8	1.4	16.0	23	0.3	0.4	0.4	18	0.15
1645362	Rock	0.99	<0.005	1.0	22.2	9.9	68	<0.1	25.7	10.4	418	2.89	1.8	0.8	15.5	26	<0.1	0.2	0.2	13	0.10
1645363	Rock	0.95	<0.005	3.3	57.5	14.4	92	<0.1	62.8	22.2	1618	4.72	6.1	1.3	21.3	20	0.2	0.2	0.4	16	0.11
1645364	Rock	0.93	<0.005	1.0	24.9	12.9	65	<0.1	38.0	11.2	456	3.23	1.6	0.7	12.1	11	<0.1	0.2	0.2	11	0.04
1645365	Rock	0.84	<0.005	0.6	21.0	13.0	61	<0.1	23.5	8.7	243	2.68	1.7	0.6	10.9	10	<0.1	0.2	0.3	11	0.05
1645366	Rock	0.96	<0.005	1.3	29.7	15.9	64	<0.1	32.5	11.6	355	2.86	4.2	0.5	12.9	13	<0.1	0.4	0.2	15	0.05
1645367	Rock	1.04	<0.005	1.1	18.2	8.9	69	<0.1	33.9	11.7	277	3.70	2.4	<0.5	9.5	9	<0.1	0.2	0.1	13	0.05
1645368	Rock	0.89	0.011	1.3	29.3	14.8	76	<0.1	28.0	10.4	366	2.96	7.2	1.3	13.2	18	0.2	0.5	0.2	24	0.10
1645369	Rock	0.84	<0.005	0.9	29.3	16.6	73	<0.1	24.7	9.5	291	2.95	6.2	1.0	13.1	15	0.1	0.4	0.3	21	0.07
1645370	Rock	1.03	<0.005	0.9	27.9	17.9	66	<0.1	22.0	9.4	241	2.93	5.4	2.3	13.7	15	<0.1	0.3	0.3	17	0.06



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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

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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			
					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
1645341	Rock				0.027	24	21	0.45	110	0.010	<20	1.02	0.018	0.16	<0.1	0.01	2.0	<0.1	<0.05	3	<0.5	<0.2
1645342	Rock				0.046	22	25	0.30	373	0.019	<20	0.90	0.015	0.17	0.2	0.04	2.5	<0.1	<0.05	2	<0.5	<0.2
1645343	Rock				0.033	26	27	0.42	213	0.012	<20	1.09	0.017	0.18	<0.1	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1645344	Rock				0.051	19	22	0.31	473	0.021	<20	0.89	0.015	0.15	0.2	0.04	2.8	<0.1	<0.05	3	<0.5	<0.2
1645345	Rock				0.045	29	29	0.44	315	0.013	<20	1.04	0.014	0.20	0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
1645346	Rock				0.048	33	29	0.51	282	0.015	<20	1.16	0.012	0.22	<0.1	0.04	2.5	0.1	<0.05	3	<0.5	<0.2
1645347	Rock				0.047	30	23	0.47	300	0.012	<20	1.13	0.014	0.22	0.1	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
1645348	Rock				0.040	21	24	0.38	266	0.013	<20	0.87	0.014	0.16	0.1	0.04	2.1	<0.1	<0.05	2	<0.5	<0.2
1645349	Rock				0.034	31	29	0.47	172	0.018	<20	1.23	0.044	0.20	<0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1645350	Rock				0.039	32	32	0.52	219	0.012	<20	1.16	0.013	0.20	<0.1	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1645351	Rock				0.038	37	20	0.47	174	0.007	<20	1.12	0.012	0.23	<0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1645352	Rock				0.037	35	20	0.41	189	0.008	<20	1.03	0.012	0.22	<0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
1645353	Rock				0.046	50	18	0.56	204	0.006	<20	1.35	0.012	0.28	<0.1	0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1645354	Rock				0.044	60	18	0.65	207	0.005	<20	1.49	0.013	0.28	<0.1	<0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
1645355	Rock				0.044	40	43	0.75	227	0.017	<20	1.51	0.011	0.25	<0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1645356	Rock				0.055	33	19	0.66	240	0.023	<20	1.43	0.014	0.24	<0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
1645357	Rock				0.044	33	24	0.57	391	0.017	<20	1.45	0.017	0.25	<0.1	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
1645358	Rock				0.052	76	17	0.70	187	0.003	<20	1.62	0.010	0.29	<0.1	<0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
1645359	Rock				0.073	44	10	0.29	117	0.003	<20	0.72	0.014	0.29	<0.1	0.01	2.3	0.1	<0.05	2	<0.5	<0.2
1645360	Rock				0.067	57	14	0.47	253	0.003	<20	1.18	0.011	0.27	<0.1	0.01	2.3	0.1	<0.05	3	<0.5	<0.2
1645361	Rock				0.068	74	18	0.37	337	0.006	<20	1.26	0.014	0.30	<0.1	0.02	2.6	0.2	<0.05	3	0.8	<0.2
1645362	Rock				0.046	35	16	0.56	227	0.005	<20	1.19	0.013	0.30	<0.1	<0.01	1.7	0.1	<0.05	3	<0.5	<0.2
1645363	Rock				0.074	55	16	0.73	159	0.004	<20	1.40	0.011	0.32	<0.1	<0.01	1.9	0.1	<0.05	3	<0.5	<0.2
1645364	Rock				0.029	33	15	0.48	170	0.005	<20	1.13	0.012	0.24	<0.1	0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
1645365	Rock				0.028	31	15	0.48	200	0.004	<20	1.16	0.015	0.22	<0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
1645366	Rock				0.041	37	20	0.39	224	0.007	<20	1.03	0.012	0.25	<0.1	0.02	1.9	0.1	<0.05	3	<0.5	<0.2
1645367	Rock				0.026	32	18	0.42	262	0.003	<20	1.19	0.015	0.15	<0.1	<0.01	2.0	<0.1	<0.05	3	<0.5	<0.2
1645368	Rock				0.045	36	23	0.45	355	0.013	<20	1.23	0.016	0.23	0.1	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1645369	Rock				0.040	38	20	0.51	259	0.011	<20	1.28	0.013	0.25	<0.1	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1645370	Rock				0.038	38	17	0.53	243	0.007	<20	1.32	0.011	0.26	<0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2



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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

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	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	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
1645371	Rock	1.04	<0.005	0.9	28.6	14.5	71	<0.1	21.2	8.6	260	3.00	6.6	<0.5	14.5	18	0.1	0.2	0.3	20	0.09
1645372	Rock	0.95	<0.005	0.7	37.3	14.3	76	<0.1	25.5	9.6	248	3.66	3.0	0.9	15.0	17	<0.1	0.2	0.3	23	0.08



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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

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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
1645371	Rock	0.045	43	18	0.51	331	0.007	<20	1.35	0.013	0.26	<0.1	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
1645372	Rock	0.040	39	36	0.81	203	0.016	<20	1.77	0.014	0.28	<0.1	0.01	2.5	0.1	<0.05	5	<0.5	<0.2



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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

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QUALITY CONTROL REPORT

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	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	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																					
1645323	Rock	1.00	<0.005	1.0	19.7	7.6	64	<0.1	15.0	5.0	229	1.71	3.8	1.2	7.2	10	0.2	0.6	0.1	12	0.05
REP 1645323	QC	<0.005																			
REP 1645334	QC			1.0	20.0	9.0	53	<0.1	19.7	6.1	295	1.94	8.5	1.5	7.2	11	0.2	0.6	<0.1	16	0.10
1645360	Rock	0.87	<0.005	3.5	47.5	27.9	82	<0.1	62.3	21.3	1702	4.54	2.2	1.6	17.8	19	0.2	0.3	0.4	12	0.12
REP 1645360	QC	<0.005																			
1645365	Rock	0.84	<0.005	0.6	21.0	13.0	61	<0.1	23.5	8.7	243	2.68	1.7	0.6	10.9	10	<0.1	0.2	0.3	11	0.05
REP 1645365	QC			0.7	21.6	13.1	64	<0.1	24.1	8.8	245	2.71	1.8	<0.5	11.3	10	<0.1	0.1	0.3	11	0.05
Core Reject Duplicates																					
1645334	Rock	0.84	0.016	1.0	21.1	8.9	52	<0.1	19.0	6.2	297	1.96	8.0	0.9	7.5	12	0.2	0.5	<0.1	17	0.10
DUP 1645334	QC		0.017	1.1	19.3	8.6	52	<0.1	18.5	6.0	277	1.89	7.9	0.7	7.2	11	0.1	0.5	<0.1	16	0.09
1645368	Rock	0.89	0.011	1.3	29.3	14.8	76	<0.1	28.0	10.4	366	2.96	7.2	1.3	13.2	18	0.2	0.5	0.2	24	0.10
DUP 1645368	QC		<0.005	1.2	29.0	14.8	77	<0.1	27.0	10.3	362	2.96	7.3	1.4	12.5	17	0.2	0.4	0.2	24	0.10
Reference Materials																					
STD DS11	Standard			14.7	155.1	147.0	323	1.8	79.6	13.3	1065	3.15	47.8	87.7	8.3	71	2.4	7.8	12.4	49	1.09
STD DS11	Standard			15.0	152.6	141.5	339	1.6	81.5	14.2	1042	3.18	44.4	56.7	7.7	69	2.3	6.9	11.7	54	1.06
STD DS11	Standard			14.2	138.7	130.9	331	1.6	73.4	13.0	987	3.00	39.8	51.5	7.2	67	2.2	7.0	11.0	47	0.98
STD OREAS45EA	Standard			1.8	725.3	15.5	32	0.3	413.3	55.6	430	23.80	13.5	61.0	11.3	4	<0.1	0.4	0.3	338	0.03
STD OREAS45EA	Standard			1.8	750.6	15.4	33	0.2	420.1	55.2	427	22.42	12.1	63.7	11.2	4	<0.1	0.3	0.3	323	0.03
STD OREAS45EA	Standard			1.6	694.5	14.4	33	0.2	398.0	51.4	401	21.60	10.9	50.7	10.6	4	<0.1	0.3	0.2	293	0.03
STD OXC145	Standard	0.210																			
STD OXH139	Standard	1.312																			
STD OXN134	Standard	7.828																			
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	0.006																			



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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

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

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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																			
1645323	Rock	0.026	19	11	0.15	144	0.007	<20	0.55	0.008	0.20	<0.1	0.02	1.4	<0.1	<0.05	1	<0.5	<0.2
REP 1645323	QC																		
REP 1645334	QC	0.043	20	17	0.23	113	0.019	<20	0.73	0.016	0.14	0.3	0.02	1.5	<0.1	<0.05	2	<0.5	<0.2
1645360	Rock	0.067	57	14	0.47	253	0.003	<20	1.18	0.011	0.27	<0.1	0.01	2.3	0.1	<0.05	3	<0.5	<0.2
REP 1645360	QC																		
1645365	Rock	0.028	31	15	0.48	200	0.004	<20	1.16	0.015	0.22	<0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
REP 1645365	QC	0.028	32	16	0.49	202	0.005	<20	1.19	0.015	0.22	<0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
Core Reject Duplicates																			
1645334	Rock	0.044	20	15	0.23	112	0.020	<20	0.75	0.017	0.14	0.3	0.02	1.5	<0.1	<0.05	2	<0.5	<0.2
DUP 1645334	QC	0.042	20	14	0.23	109	0.018	<20	0.73	0.016	0.14	0.3	0.02	1.5	<0.1	<0.05	2	<0.5	<0.2
1645368	Rock	0.045	36	23	0.45	355	0.013	<20	1.23	0.016	0.23	0.1	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
DUP 1645368	QC	0.041	34	22	0.45	341	0.013	<20	1.22	0.016	0.23	0.1	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
Reference Materials																			
STD DS11	Standard	0.077	20	59	0.86	426	0.095	<20	1.20	0.076	0.42	2.7	0.25	3.3	5.1	0.29	5	2.5	4.5
STD DS11	Standard	0.076	20	61	0.85	410	0.097	<20	1.19	0.077	0.40	2.6	0.23	3.3	4.9	0.29	5	2.4	4.7
STD DS11	Standard	0.067	18	55	0.79	400	0.090	<20	1.10	0.071	0.38	2.0	0.28	3.2	4.7	0.26	5	2.4	4.9
STD OREAS45EA	Standard	0.035	8	930	0.11	166	0.107	<20	3.52	0.019	0.06	<0.1	0.01	86.7	<0.1	<0.05	13	1.4	<0.2
STD OREAS45EA	Standard	0.032	8	942	0.11	150	0.108	<20	3.62	0.026	0.06	<0.1	<0.01	86.8	<0.1	<0.05	13	1.5	<0.2
STD OREAS45EA	Standard	0.030	7	793	0.10	138	0.100	<20	3.36	0.024	0.05	<0.1	0.03	82.5	<0.1	<0.05	13	1.6	<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																		



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MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

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

Project: MCQ
Report Date: August 10, 2018

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QUALITY CONTROL REPORT

WHI18000313.1

		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			<0.1	<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			<0.1	<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	2.0	4.4	1.1	33	<0.1	0.6	3.3	541	1.77	1.1	4.3	2.1	31	<0.1	<0.1	<0.1	20	0.65
ROCK-WHI	Prep Blank		<0.005	1.6	3.6	1.0	33	<0.1	0.6	3.5	526	1.80	1.3	4.0	2.2	32	<0.1	<0.1	<0.1	22	0.86



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		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
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
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
Prep Wash																			
ROCK-WHI	Prep Blank	0.045	6	2	0.48	67	0.084	<20	0.96	0.085	0.10	<0.1	<0.01	3.0	<0.1	0.05	4	<0.5	<0.2
ROCK-WHI	Prep Blank	0.045	6	3	0.49	69	0.091	<20	0.99	0.088	0.10	<0.1	<0.01	3.2	<0.1	<0.05	4	<0.5	<0.2