



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: **Kreft, Bernie**
1 Locust Place
Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft
Receiving Lab: Canada-Whitehorse
Received: August 02, 2021
Analysis Start: August 13, 2021
Report Date: September 17, 2021
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI21000298.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 29

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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: Kreft, Bernie
1 Locust Place
Whitehorse Yukon Y1A 5G9
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	29	Dry at 60C			WHI
SS80	29	Dry at 60C sieve 100g to -80 mesh			WHI
FA430	25	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	29	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	29	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
DISPL	29	Disposal of pulps			VAN
SHP01	29	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	Analyte	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm
		0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
BSRD-01	Soil	0.039	<1	35	1778	55	1.1	19	6	370	4.20	5359	3	16	0.6	<3	<3	53	0.11	0.046	11
JTSD-01	Soil	0.008	1	40	38	61	<0.3	48	22	558	4.01	36	3	11	<0.5	<3	<3	96	0.43	0.052	9
JTSD-02	Soil	0.014	2	42	20	82	0.4	49	23	679	4.16	519	3	12	<0.5	<3	<3	88	0.32	0.055	10
JTSD-03	Soil	0.010	3	32	24	51	0.3	24	14	547	2.75	65	4	12	<0.5	<3	<3	49	0.13	0.079	14
JTSD-04	Soil	0.011	5	25	25	46	0.6	18	8	246	2.48	58	4	13	<0.5	<3	<3	42	0.14	0.051	14
JTSD-05	Soil	0.026	6	31	37	63	1.4	24	8	256	3.18	44	4	15	<0.5	<3	<3	62	0.16	0.078	16
JTSD-06	Soil	0.014	3	26	32	60	0.7	22	8	146	2.45	38	4	18	<0.5	<3	<3	58	0.22	0.064	15
JTSD-07	Soil	0.015	2	24	42	56	0.8	20	6	117	2.36	29	4	18	<0.5	3	<3	65	0.23	0.076	15
JTSD-08	Soil	0.007	<1	21	11	62	<0.3	33	14	406	3.01	14	3	13	<0.5	<3	<3	59	0.13	0.033	11
JTSD-09	Soil	0.014	1	24	12	66	0.3	30	11	344	2.95	15	<2	11	<0.5	<3	<3	64	0.10	0.038	10
JTSD-10	Soil	0.012	2	23	12	68	<0.3	26	10	437	2.77	15	<2	11	<0.5	<3	<3	58	0.10	0.048	9
JTSD-11	Soil	0.043	3	22	57	30	0.9	19	5	113	3.06	379	3	28	<0.5	8	<3	35	0.15	0.066	10
JTSD-12	Soil	I.S.	2	30	17	70	0.4	19	6	228	2.47	61	<2	11	<0.5	<3	<3	55	0.06	0.072	7
JTSD-13	Soil	<0.005	<1	20	7	56	<0.3	46	27	1240	3.79	20	<2	16	<0.5	<3	<3	100	0.52	0.040	8
JTSD-14	Soil	0.011	<1	15	8	49	<0.3	29	14	399	3.07	14	3	17	<0.5	<3	<3	63	0.26	0.031	10
CUXD-01	Soil	0.013	5	107	249	387	1.4	69	19	2511	4.32	137	2	14	2.4	<3	<3	44	0.09	0.109	9
CUXD-02	Soil	I.S.	3	82	88	218	0.9	45	9	1109	2.64	115	<2	11	2.5	<3	<3	45	0.08	0.090	6
CUXD-03	Soil	I.S.	6	78	18	144	<0.3	43	7	205	3.05	25	<2	11	<0.5	<3	<3	76	0.04	0.059	9
CUXD-04	Soil	0.012	2	46	46	161	0.7	53	15	644	3.62	119	2	19	1.0	<3	<3	77	0.34	0.075	11
CUXD-05	Soil	I.S.	2	41	59	168	0.8	67	16	698	3.61	151	3	18	0.8	<3	<3	72	0.32	0.078	14
CUXD-06	Soil	0.014	2	56	63	289	0.4	80	31	1473	5.00	979	2	19	2.5	3	<3	101	0.51	0.080	7
USXD-01	Soil	0.018	<1	49	12	68	<0.3	71	37	1482	5.24	28	2	8	<0.5	<3	<3	129	0.73	0.061	7
USXD-02	Soil	0.010	2	38	21	61	0.4	31	14	254	3.04	36	4	15	<0.5	<3	<3	71	0.40	0.046	11
USXD-03	Soil	0.014	2	37	19	67	0.4	33	16	732	3.56	75	2	14	<0.5	<3	<3	72	0.64	0.058	10
USXD-04	Soil	0.011	1	35	22	55	0.4	20	7	187	2.45	80	3	14	<0.5	<3	<3	49	0.18	0.054	13
USXD-05	Soil	0.015	6	22	21	18	0.4	11	3	122	1.84	83	2	7	<0.5	<3	<3	28	0.05	0.037	11
USXD-06	Soil	0.046	2	14	24	29	0.4	11	4	117	2.14	48	3	9	<0.5	<3	<3	33	0.11	0.038	10
USXD-07	Soil	0.030	5	12	29	39	0.5	14	9	423	2.24	34	2	9	<0.5	<3	<3	42	0.10	0.045	11
USXD-08	Soil	0.009	4	13	26	45	0.3	15	5	130	2.09	17	2	11	<0.5	<3	<3	41	0.13	0.042	10



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CERTIFICATE OF ANALYSIS

WHI21000298.1

Method	Analyte	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
BSRD-01	Soil	24	0.07	227	0.002	<20	0.43	<0.01	0.11	<2	<0.05	<1	<5	<5	23
JTSD-01	Soil	106	1.39	208	0.036	<20	2.16	<0.01	0.06	<2	<0.05	<1	<5	6	16
JTSD-02	Soil	74	0.96	353	0.040	<20	1.63	<0.01	0.12	<2	<0.05	<1	<5	<5	16
JTSD-03	Soil	27	0.33	99	0.055	<20	1.61	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
JTSD-04	Soil	25	0.30	140	0.046	<20	1.32	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
JTSD-05	Soil	34	0.45	336	0.054	<20	2.05	<0.01	0.09	<2	<0.05	<1	<5	<5	5
JTSD-06	Soil	31	0.49	346	0.065	<20	1.86	0.01	0.08	<2	<0.05	<1	<5	<5	5
JTSD-07	Soil	31	0.44	444	0.066	<20	1.71	0.01	0.09	<2	<0.05	<1	<5	6	6
JTSD-08	Soil	33	0.58	154	0.069	<20	2.36	0.01	0.06	<2	<0.05	<1	<5	6	<5
JTSD-09	Soil	32	0.47	123	0.064	<20	2.41	<0.01	0.06	<2	<0.05	<1	<5	6	<5
JTSD-10	Soil	29	0.44	99	0.055	<20	2.08	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
JTSD-11	Soil	45	0.20	145	0.036	<20	0.67	<0.01	0.07	<2	0.05	<1	<5	<5	<5
JTSD-12	Soil	25	0.28	61	0.029	<20	0.94	<0.01	0.06	<2	0.06	<1	<5	<5	<5
JTSD-13	Soil	124	1.59	265	0.082	<20	2.71	0.01	0.09	<2	<0.05	<1	<5	6	13
JTSD-14	Soil	53	0.59	193	0.076	<20	2.64	0.01	0.06	<2	<0.05	<1	<5	<5	5
CUXD-01	Soil	23	0.27	86	0.020	<20	1.33	0.01	0.07	<2	0.08	<1	6	<5	<5
CUXD-02	Soil	16	0.07	55	0.018	<20	0.87	0.01	0.04	<2	0.07	<1	<5	<5	<5
CUXD-03	Soil	22	0.12	50	0.036	<20	0.84	<0.01	0.05	<2	<0.05	<1	<5	7	<5
CUXD-04	Soil	62	1.26	201	0.017	<20	1.88	<0.01	0.07	<2	0.07	<1	<5	5	9
CUXD-05	Soil	57	1.13	209	0.027	<20	1.74	<0.01	0.09	<2	0.09	<1	<5	<5	8
CUXD-06	Soil	61	1.08	220	0.013	<20	1.76	<0.01	0.06	<2	<0.05	<1	<5	<5	18
USXD-01	Soil	144	2.00	221	0.014	<20	2.63	<0.01	0.10	<2	<0.05	<1	<5	8	29
USXD-02	Soil	58	0.83	220	0.059	<20	1.68	<0.01	0.07	<2	<0.05	<1	<5	5	9
USXD-03	Soil	47	0.67	177	0.031	<20	1.30	<0.01	0.06	<2	<0.05	<1	<5	<5	12
USXD-04	Soil	27	0.44	194	0.056	<20	1.57	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
USXD-05	Soil	16	0.09	76	0.025	<20	0.58	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
USXD-06	Soil	20	0.26	104	0.046	<20	1.26	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
USXD-07	Soil	23	0.32	176	0.047	<20	1.30	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
USXD-08	Soil	24	0.35	130	0.052	<20	1.48	<0.01	0.05	<2	<0.05	<1	<5	<5	<5



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Project: None Given
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QUALITY CONTROL REPORT

WHI21000298.1

Method	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	
Pulp Duplicates																					
JTSD-05	Soil	0.026	6	31	37	63	1.4	24	8	256	3.18	44	4	15	<0.5	<3	<3	62	0.16	0.078	16
REP JTSD-05	QC	0.023																			
USXD-06	Soil	0.046	2	14	24	29	0.4	11	4	117	2.14	48	3	9	<0.5	<3	<3	33	0.11	0.038	10
REP USXD-06	QC	0.022																			
Reference Materials																					
STD BVGEO01	Standard		10	4277	179	1674	2.5	160	23	692	3.54	118	13	52	6.0	3	23	70	1.26	0.070	24
STD OREAS263	Standard	0.212																			
STD OREAS232	Standard	0.880																			
STD OREAS263	Standard	0.210																			
STD OREAS232	Standard	0.885																			
STD OREAS262	Standard		<1	115	54	147	0.4	61	26	529	3.16	36	9	34	0.7	<3	<3	20	2.89	0.038	15
STD OXN155	Standard	7.598																			
STD OXN155	Standard	7.750																			
STD OXN155 Expected		7.776																			
STD OREAS263 Expected		0.214																			
STD OREAS232 Expected		0.902																			
STD BVGEO01 Expected			10.8	4415	187	1741	2.53	163	25	733	3.7	121	14.4	55	6.5	2.2	25.6	73	1.3219	0.0727	25.9
STD OREAS262 Expected				118	56	154	0.45	62	26.9	530	3.284	35.8	9.33	36	0.61	3.39		22.5	2.98	0.04	15.9
BLK	Blank	<0.005																			
BLK	Blank	0.008																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1



QUALITY CONTROL REPORT

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Method	Analyte	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
Pulp Duplicates															
JTSD-05	Soil	34	0.45	336	0.054	<20	2.05	<0.01	0.09	<2	<0.05	<1	<5	<5	5
REP JTSD-05	QC														
USXD-06	Soil	20	0.26	104	0.046	<20	1.26	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
REP USXD-06	QC														
Reference Materials															
STD BVGEO01	Standard	153	1.22	319	0.224	<20	2.16	0.18	0.83	4	0.66	<1	<5	5	6
STD OREAS263	Standard														
STD OREAS232	Standard														
STD OREAS263	Standard														
STD OREAS232	Standard														
STD OREAS262	Standard	40	1.13	242	0.003	<20	1.16	0.07	0.30	<2	0.26	<1	<5	<5	<5
STD OXN155	Standard														
STD OXN155	Standard														
STD OXN155 Expected															
STD OREAS263 Expected															
STD OREAS232 Expected															
STD BVGEO01 Expected		171	1.2963	340	0.233		2.347	0.1924	0.89	3.5	0.6655			7.37	5.97
STD OREAS262 Expected		41.7	1.17	248	0.003		1.3	0.071	0.312		0.269			3.9	3.24
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5