



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: **William Koe-Carson**
Box 387
White Fox Saskatchewan S0J 3B0 Canada

Submitted By: William Koe-Carson
Receiving Lab: Canada-Whitehorse
Received: August 31, 2016
Report Date: September 15, 2016
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI16000232.1

CLIENT JOB INFORMATION

Project: McConnell
Shipment ID:
P.O. Number
Number of Samples: 19

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 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: William Koe-Carson
Box 387
White Fox Saskatchewan S0J 3B0
Canada

CC: Andy Randell

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
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
BAT01	19	Batch charge of <20 samples			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	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		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	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	2	0.01
16726	Rock	0.59	<0.005	0.7	0.9	24.3	23	0.4	64.3	3.6	332	1.96	20.1	0.9	15.6	137	<0.1	0.3	<0.1	32	2.89
16727	Rock	0.58	<0.005	0.1	0.6	9.3	16	0.1	13.2	1.2	568	1.09	9.9	1.9	19.6	73	<0.1	0.1	<0.1	3	1.71
16728	Rock	1.05	<0.005	<0.1	1.2	13.7	8	0.2	4.4	1.9	215	0.50	15.4	0.8	17.5	158	<0.1	0.9	<0.1	<2	3.46
CH16114	Rock	0.77	0.009	0.3	4.7	12.9	25	<0.1	4.9	3.3	569	1.35	4.9	1.0	15.2	29	<0.1	0.3	0.6	7	0.77
CH16115	Rock	0.70	0.006	0.3	8.4	22.4	47	0.3	3.7	7.0	442	2.05	8.0	0.6	17.2	35	<0.1	0.2	0.2	15	0.40
CH16116	Rock	0.80	<0.005	0.3	8.4	24.2	49	0.3	4.1	7.5	407	2.14	2.7	0.8	15.1	41	<0.1	0.1	<0.1	18	0.40
CH16117	Rock	0.68	<0.005	0.4	7.9	13.4	42	0.2	4.3	6.1	390	2.02	4.2	<0.5	15.9	37	<0.1	0.2	<0.1	16	0.39
CH16118	Rock	0.39	<0.005	0.2	5.7	21.3	58	0.2	3.3	6.5	448	2.15	1.5	<0.5	16.3	55	<0.1	<0.1	<0.1	18	0.56
CH16119	Rock	0.73	0.016	0.4	6.6	23.7	45	0.2	2.8	5.3	348	2.03	97.2	1.1	14.6	31	<0.1	0.4	3.2	13	0.30
CH16120	Rock	0.90	0.158	0.4	16.5	15.0	41	0.2	10.6	9.7	430	2.14	4070.5	82.6	14.7	32	0.1	1.4	0.4	11	0.52
CH16121	Rock	0.70	<0.005	0.3	7.4	18.1	54	0.2	3.7	6.6	437	2.20	14.5	0.9	16.3	56	<0.1	<0.1	<0.1	20	0.45
CH16122	Rock	0.52	<0.005	0.2	1.1	22.0	47	0.1	3.3	4.5	348	2.15	4.7	1.8	14.6	40	<0.1	0.1	<0.1	18	0.35
CH16123	Rock	0.37	<0.005	0.4	1.5	8.4	44	<0.1	3.2	4.5	359	2.02	7.7	1.1	13.5	34	<0.1	<0.1	<0.1	17	0.32
CH16124	Rock	0.47	0.698	0.3	2.2	14.3	49	<0.1	3.0	4.6	467	2.20	5.1	2.5	16.7	37	<0.1	0.1	0.1	16	0.42
CH16125	Rock	0.55	<0.005	0.2	1.0	20.2	51	0.1	3.3	4.5	375	2.11	3.9	<0.5	16.0	33	<0.1	0.2	0.1	16	0.33
CH16126	Rock	0.71	0.655	0.4	29.3	57.6	36	0.5	4.1	9.3	442	3.51	>10000	1758.0	14.9	21	<0.1	5.9	18.2	9	0.41
CH16127	Rock	0.71	0.007	0.7	13.5	20.9	33	<0.1	3.1	4.1	426	2.43	67.8	<0.5	16.2	12	<0.1	0.6	0.4	8	0.14
CH16128	Rock	0.78	<0.005	0.4	1.3	34.0	51	0.1	3.1	5.0	403	2.30	9.7	<0.5	15.7	35	<0.1	0.2	<0.1	16	0.35
CH16129	Rock	0.58	<0.005	0.4	2.6	11.1	49	<0.1	3.6	4.9	503	2.01	29.7	<0.5	14.6	29	<0.1	0.3	<0.1	13	0.46



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CERTIFICATE OF ANALYSIS

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Method	Analyte	AQ200	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	
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	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
16726	Rock	0.051	66	56	1.91	63	0.001	<20	0.77	0.028	0.17	<0.1	<0.01	7.8	<0.1	<0.05	3	<0.5	<0.2	
16727	Rock	0.073	89	2	0.32	143	<0.001	<20	0.40	0.046	0.17	<0.1	<0.01	2.4	<0.1	<0.05	1	<0.5	<0.2	
16728	Rock	0.062	14	3	0.12	30	<0.001	<20	0.27	0.077	0.05	0.1	<0.01	2.0	<0.1	<0.05	<1	<0.5	<0.2	
CH16114	Rock	0.060	36	5	0.28	147	0.032	<20	0.71	0.051	0.31	0.1	<0.01	2.4	0.2	<0.05	3	<0.5	<0.2	
CH16115	Rock	0.049	36	9	0.49	253	0.111	<20	1.33	0.075	0.62	0.1	<0.01	2.7	0.4	<0.05	5	<0.5	<0.2	
CH16116	Rock	0.053	30	10	0.54	286	0.136	<20	1.52	0.098	0.75	<0.1	<0.01	3.1	0.5	<0.05	7	<0.5	<0.2	
CH16117	Rock	0.052	32	10	0.49	259	0.114	<20	1.37	0.088	0.62	0.1	<0.01	2.7	0.4	<0.05	6	<0.5	<0.2	
CH16118	Rock	0.050	35	10	0.57	326	0.151	<20	1.56	0.127	0.84	0.1	<0.01	3.3	0.5	<0.05	7	<0.5	<0.2	
CH16119	Rock	0.042	31	8	0.46	223	0.096	<20	1.19	0.066	0.59	0.1	<0.01	2.0	0.4	<0.05	5	<0.5	<0.2	
CH16120	Rock	0.045	29	7	0.35	224	0.060	<20	1.00	0.052	0.49	0.1	<0.01	1.7	0.3	0.14	4	<0.5	<0.2	
CH16121	Rock	0.050	33	11	0.58	329	0.156	<20	1.71	0.140	0.88	0.1	<0.01	3.2	0.5	<0.05	7	<0.5	<0.2	
CH16122	Rock	0.049	28	10	0.57	254	0.138	<20	1.50	0.105	0.72	0.1	<0.01	2.7	0.4	<0.05	7	<0.5	<0.2	
CH16123	Rock	0.047	25	10	0.54	225	0.118	<20	1.36	0.085	0.66	0.1	<0.01	2.5	0.4	<0.05	6	<0.5	<0.2	
CH16124	Rock	0.055	33	10	0.56	231	0.101	<20	1.39	0.075	0.62	0.1	<0.01	2.5	0.4	<0.05	6	<0.5	<0.2	
CH16125	Rock	0.054	32	10	0.57	209	0.113	<20	1.40	0.076	0.55	0.2	<0.01	2.3	0.3	<0.05	6	<0.5	<0.2	
CH16126	Rock	0.046	25	7	0.32	180	0.032	<20	0.91	0.031	0.39	0.2	<0.01	1.8	0.4	0.66	4	0.6	<0.2	
CH16127	Rock	0.043	28	7	0.25	168	0.037	<20	0.89	0.032	0.40	0.3	<0.01	1.7	0.2	<0.05	4	<0.5	<0.2	
CH16128	Rock	0.050	31	10	0.54	227	0.108	<20	1.50	0.090	0.60	0.6	<0.01	2.6	0.3	<0.05	6	<0.5	<0.2	
CH16129	Rock	0.049	30	9	0.43	207	0.078	<20	1.17	0.059	0.53	0.2	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2	



QUALITY CONTROL REPORT

WHI16000232.1

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	2	0.01	
Pulp Duplicates																					
CH16120	Rock	0.90	0.158	0.4	16.5	15.0	41	0.2	10.6	9.7	430	2.14	4070.5	82.6	14.7	32	0.1	1.4	0.4	11	0.52
REP CH16120	QC		0.148																		
CH16129	Rock	0.58	<0.005	0.4	2.6	11.1	49	<0.1	3.6	4.9	503	2.01	29.7	<0.5	14.6	29	<0.1	0.3	<0.1	13	0.46
REP CH16129	QC		<0.005	0.4	2.8	11.6	51	<0.1	3.7	4.9	503	1.99	31.0	<0.5	15.1	30	<0.1	0.2	0.1	13	0.46
Reference Materials																					
STD DS10	Standard			14.5	137.2	151.6	341	1.7	72.2	12.5	871	2.68	46.4	61.7	7.0	66	2.3	7.5	11.6	39	1.03
STD OREAS45EA	Standard			1.5	680.8	14.0	31	0.2	378.0	52.3	420	21.69	10.7	55.0	9.7	3	<0.1	0.3	0.3	306	0.03
STD OXD108	Standard		0.412																		
STD OXI121	Standard		1.776																		
STD OXN117	Standard		7.544																		
STD OXD108 Expected			0.414																		
STD OXN117 Expected			7.679																		
STD OXI121 Expected			1.834																		
STD DS10 Expected				13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	91.9	7.5	67.1	2.62	9	11.65	43	1.0625
STD OREAS45EA Expected				1.6	709	14.3	31.4	0.26	381	52	400	23.51	10.3	53	10.7	3.5	0.03	0.32	0.26	303	0.036
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	0.6	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	0.7	3.3	13.7	29	0.2	1.4	3.6	421	1.71	1.1	1.7	2.1	21	<0.1	<0.1	<0.1	22	0.58
ROCK-WHI	Prep Blank		<0.005	0.8	3.7	7.5	30	0.1	1.5	3.6	419	1.71	1.2	1.5	2.1	25	<0.1	<0.1	<0.1	22	0.57



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QUALITY CONTROL REPORT

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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																			
CH16120	Rock	0.045	29	7	0.35	224	0.060	<20	1.00	0.052	0.49	0.1	<0.01	1.7	0.3	0.14	4	<0.5	<0.2
REP CH16120	QC																		
CH16129	Rock	0.049	30	9	0.43	207	0.078	<20	1.17	0.059	0.53	0.2	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2
REP CH16129	QC	0.049	31	9	0.43	211	0.079	<20	1.16	0.057	0.52	0.3	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2
Reference Materials																			
STD DS10	Standard	0.075	16	54	0.76	426	0.067	<20	1.00	0.065	0.33	2.8	0.29	3.0	5.2	0.27	4	2.2	4.9
STD OREAS45EA	Standard	0.033	7	955	0.10	146	0.090	<20	3.10	0.019	0.05	<0.1	0.02	79.8	<0.1	<0.05	13	0.9	<0.2
STD OXD108	Standard																		
STD OXI121	Standard																		
STD OXN117	Standard																		
STD OXD108 Expected																			
STD OXN117 Expected																			
STD OXI121 Expected																			
STD DS10 Expected		0.0765	17.5	54.6	0.775	412	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OREAS45EA Expected		0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053			78	0.072	0.036	12.4	0.78	0.07
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	0.042	5	4	0.39	67	0.071	<20	0.85	0.070	0.07	0.2	<0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
ROCK-WHI	Prep Blank	0.042	5	4	0.39	77	0.072	<20	0.83	0.071	0.07	0.1	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2