



BUREAU VERITAS 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: Yukon Geological Survey
2099 - 2nd Ave
P.O. Box 2703 (K-10)
Whitehorse Yukon Y1A 1B5 Canada

Submitted By: Esther Bordet
Receiving Lab: Canada-Whitehorse
Received: September 19, 2017
Report Date: October 20, 2017
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000888.1

CLIENT JOB INFORMATION

Project: Stikinia
Shipment ID:
P.O. Number
Number of Samples: 7

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	7	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ250	7	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
BAT01	7	Batch charge of <20 samples			VAN
SHP01	7	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

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: Yukon Geological Survey
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Canada

CC:



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

CERTIFICATE OF ANALYSIS

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Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
17EB-044-1	Rock	0.39	1.19	10.40	5.12	9.1	32	4.6	3.2	136	7.43	4.8	<0.1	0.4	<0.1	2.1	0.10	0.34	0.02	22	0.71
17EB-052-1	Rock	0.86	2.77	5.64	10.24	19.9	40	4.9	5.2	292	1.55	0.2	3.0	<0.2	27.8	9.2	0.08	0.15	0.15	19	1.30
17EB-057-1	Rock	0.67	9.76	198.32	4.43	69.8	60	53.8	17.4	172	10.04	37.6	21.9	1.9	0.2	2.2	0.04	6.60	0.21	279	0.02
17EB-058-1	Rock	0.23	0.32	2.38	0.61	3.6	4	1.1	0.8	75	4.46	2.4	0.2	<0.2	0.1	2.2	0.01	0.16	<0.02	3	0.13
17EB-122-1	Rock	0.85	0.70	75.61	0.50	56.3	8	106.0	35.9	1298	4.51	49.9	0.3	<0.2	0.1	102.9	0.08	0.71	0.61	173	10.79
17EB-193-2	Rock	0.76	0.10	993.69	0.78	57.8	106	7.0	16.9	594	9.52	3.0	0.1	1.0	<0.1	19.4	0.38	0.02	0.05	196	2.69
17MC-PE-6	Rock	0.68	0.20	8.61	1.58	4.6	36	4.8	4.0	1644	1.20	5.1	0.1	<0.2	0.2	88.9	0.03	0.10	<0.02	7	14.99



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Page: 2 of 2

Part: 2 of 2

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Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	
MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	
17EB-044-1	Rock	0.020	<0.5	3.8	0.04	8.6	0.005	<20	0.06	0.005	0.01	0.2	0.7	<0.02	<0.02	<5	<0.1	<0.02	1.0
17EB-052-1	Rock	0.042	40.0	6.5	0.05	113.4	0.002	<20	0.29	0.029	0.14	<0.1	2.4	0.07	<0.02	<5	<0.1	<0.02	1.0
17EB-057-1	Rock	0.054	1.3	114.0	0.03	15.9	0.007	<20	0.68	0.002	0.03	0.4	43.4	0.24	<0.02	176	0.1	<0.02	2.4
17EB-058-1	Rock	0.008	<0.5	3.2	0.02	4.0	0.001	<20	0.03	0.003	<0.01	0.1	0.1	<0.02	<0.02	<5	<0.1	<0.02	0.3
17EB-122-1	Rock	0.021	1.3	163.9	1.33	153.4	0.005	<20	3.04	0.215	0.14	<0.1	26.2	0.08	0.56	<5	<0.1	<0.02	6.7
17EB-193-2	Rock	0.014	0.6	3.3	1.54	12.0	0.112	<20	2.85	0.008	0.09	<0.1	7.1	<0.02	<0.02	<5	<0.1	<0.02	12.1
17MC-PE-6	Rock	0.004	7.2	2.2	4.61	68.1	<0.001	<20	0.06	0.018	<0.01	<0.1	1.7	<0.02	0.18	<5	0.2	<0.02	0.3



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Page: 1 of 1

Part: 1 of 2

QUALITY CONTROL REPORT

WHI17000888.1

Method	WGHT	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
Reference Materials																					
STD DS11 Standard	14.33	166.28	146.62	362.4	1996	85.2	15.2	1071	3.14	43.0	2.9	58.1	8.4	68.1	2.27	7.00	13.27	50	1.08		
STD OREAS45EA Standard	1.46	721.81	14.89	30.8	261	417.5	54.6	430	21.94	11.0	2.0	49.8	10.3	3.8	0.01	0.24	0.28	314	0.03		
STD OREAS45EA Expected	1.6	709	14.3	31.4	260	381	52	400	23.51	10.3	1.73	53	10.7	3.5	0.03	0.32	0.26	303	0.036		
STD DS11 Expected	13.9	156	138	345	1710	81.9	14.2	1055	3.2082	42.8	2.59	79	7.65	67.3	2.37	7.2	12.2	50	1.063		
BLK Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01		
Prep Wash																					
ROCK-WHI Prep Blank	0.68	5.24	0.95	37.0	6	1.5	4.5	595	1.81	0.7	0.4	<0.2	2.3	24.7	0.01	0.02	<0.02	24	0.64		



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Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	
MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	
Reference Materials																			
STD DS11	Standard	0.069	18.9	62.9	0.86	427.6	0.100	<20	1.15	0.072	0.41	2.6	3.5	4.96	0.28	247	2.1	4.69	4.9
STD OREAS45EA	Standard	0.031	7.4	945.6	0.09	153.5	0.109	<20	3.42	0.019	0.05	<0.1	77.2	0.07	0.03	11	1.1	0.05	11.5
STD OREAS45EA Expected		0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053		78	0.072	0.036	10	0.78	0.07	12.4
STD DS11 Expected		0.0701	18.6	61.5	0.85	417	0.0976		1.129	0.0694	0.4	2.9	3.1	4.9	0.2835	300	1.9	4.56	4.7
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
Prep Wash																			
ROCK-WHI	Prep Blank	0.041	5.7	3.6	0.54	49.7	0.085	<20	0.99	0.072	0.11	0.1	3.3	<0.02	0.06	<5	<0.1	<0.02	3.6