



BUREAU MINERAL LABORATORIES
VERITAS Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Richards, Gordon**
6410 Holly Park Drive
Delta BC V4K 4W6 CANADA

Submitted By: Gordon Richards
Receiving Lab: Canada-Whitehorse
Received: July 04, 2016
Report Date: July 14, 2016
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CERTIFICATE OF ANALYSIS

WHI16000066.1

CLIENT JOB INFORMATION

Project: DUBLOON
Shipment ID:
P.O. Number
Number of Samples: 6

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: Richards, Gordon
6410 Holly Park Drive
Delta BC V4K 4W6
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	6	Dry at 60C			WHI
SS80	6	Dry at 60C sieve 100g to -80 mesh			WHI
AQ251	6	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
SHP01	6	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 Unit MDL	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		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
Silt1	Silt	0.42	6.77	3.94	28.2	24	7.0	3.8	101	0.99	2.8	1.0	2.5	3.2	19.2	0.05	0.29	0.07	18	0.30
Silt2	Silt	0.62	5.82	3.99	29.5	28	6.7	4.4	185	1.02	2.2	1.5	3.5	3.1	19.9	0.07	0.20	0.06	17	0.32
Silt3	Silt	0.59	6.88	4.62	32.1	39	7.7	5.0	219	1.13	2.7	1.7	2.0	3.5	22.2	0.08	0.22	0.06	18	0.36
Silt4	Silt	0.79	8.39	4.84	37.0	40	8.4	6.2	390	1.25	3.3	2.3	2.2	3.2	25.4	0.10	0.26	0.06	20	0.42
T64	Silt	2.37	18.68	8.81	58.1	84	17.0	8.3	332	1.98	7.4	10.2	1.5	6.4	48.1	0.20	0.58	0.14	33	0.56
T112	Silt	0.45	7.04	4.10	41.1	39	8.1	5.7	219	1.44	2.8	0.8	9.0	3.1	25.5	0.07	0.20	0.06	23	0.42



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Silt1	Silt	10.6	10.2	0.22	100.7	0.037	1	0.57	0.006	0.04	0.2	1.4	0.04	<0.02	12	0.2	<0.02	1.7
Silt2	Silt	10.1	9.9	0.24	99.6	0.039	2	0.59	0.006	0.07	0.2	1.4	0.05	<0.02	20	0.2	0.03	1.8
Silt3	Silt	11.3	11.7	0.26	109.4	0.046	2	0.65	0.006	0.09	0.2	1.5	0.05	<0.02	20	0.3	0.03	2.1
Silt4	Silt	11.3	12.5	0.30	134.2	0.043	2	0.72	0.007	0.09	0.1	1.6	0.06	<0.02	22	0.2	0.02	2.2
T64	Silt	15.9	20.1	0.42	249.9	0.056	2	1.00	0.013	0.13	0.3	2.6	0.08	<0.02	11	0.6	0.03	3.1
T112	Silt	12.7	14.1	0.37	135.3	0.054	1	0.84	0.007	0.11	0.1	1.6	0.08	<0.02	10	0.2	0.02	2.8



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QUALITY CONTROL REPORT

WHI16000066.1

Method Analyte Unit MDL	AQ251 Mo ppm 0.01	AQ251 Cu ppm 0.01	AQ251 Pb ppm 0.01	AQ251 Zn ppm 0.1	AQ251 Ag ppb 2	AQ251 Ni ppm 0.1	AQ251 Co ppm 0.1	AQ251 Mn ppm 1	AQ251 Fe % 0.01	AQ251 As ppm 0.1	AQ251 U ppm 0.1	AQ251 Au ppb 0.2	AQ251 Th ppm 0.1	AQ251 Sr ppm 0.5	AQ251 Cd ppm 0.01	AQ251 Sb ppm 0.02	AQ251 Bi ppm 0.02	AQ251 V ppm 2	AQ251 Ca % 0.01	AQ251 P % 0.001	
Reference Materials																					
STD DS10	Standard	15.05	157.67	148.00	382.4	1907	73.7	13.0	882	2.77	46.3	2.7	87.4	7.8	68.0	2.80	9.85	12.19	44	1.11	0.079
STD OXC129	Standard	1.28	26.38	6.18	39.9	29	77.1	20.1	420	2.93	0.4	0.7	200.3	1.8	178.9	0.02	<0.02	<0.02	50	0.62	0.096
STD DS10 Expected		15.1	154.61	150.55	370	2020	74.6	12.9	875	2.7188	46.2	2.59	91.9	7.5	67.1	2.62	9	11.65	43	1.0625	0.0765
STD OXC129 Expected		1.3	28	6.3	42.9	28	79.5	20.3	421	3.065	0.6	0.72	195	1.9		0.03	0.04		51	0.665	0.102
BLK	Blank	<0.01	0.01	<0.01	<0.1	5	<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	<0.001



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	Method Analyte Unit MDL	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Reference Materials																		
STD DS10	Standard	17.9	57.4	0.81	369.7	0.085	7	1.06	0.074	0.35	3.3	2.8	5.16	0.28	295	2.5	5.05	4.8
STD OXC129	Standard	12.4	50.6	1.49	48.7	0.378	<1	1.49	0.588	0.37	<0.1	0.8	0.03	<0.02	7	0.1	<0.02	5.5
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0755	0.067	0.338	3.32	3	5.1	0.29	300	2.3	5.01	4.5
STD OXC129 Expected		13	52	1.545	50	0.4	1	1.58	0.6	0.37	0.08	1.1	0.03					5.6
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1