



**BUREAU
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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: Breakaway Expl. Mgmt. Inc.

3081 Third Ave.

Whitehorse Yukon Y1A 4Z7 Canada

Submitted By: Mark Fekete

Receiving Lab: Canada-Whitehorse

Received: October 09, 2019

Report Date: November 25, 2019

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CERTIFICATE OF ANALYSIS

WHI19000667.1

CLIENT JOB INFORMATION

Project: Jaycee

Shipment ID:

P.O. Number

Number of Samples: 3

SAMPLE DISPOSAL

IMM-PLP Return immediately after analysis

IMM-RJT Return immediately after analysis

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: Breakaway Expl. Mgmt. Inc.
3081 Third Ave.
Whitehorse Yukon Y1A 4Z7
Canada

CC: Scott Casselman

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	3	Crush, split and pulverize 250 g rock to 200 mesh			WHI
LF100-EXT	3	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed	VAN
BAT01	1	Batch charge of <20 samples			VAN
SHP01	3	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS


MAY LAI
Data Validation Specialist

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	WGHT	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100
		Wgt	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1
0141923	Drill Core	0.72	11	54	12.0	2.5	35.4	0.8	2.4	15.1	2271	6.3	0.2	2.9	8.5	78	12.6	28.5	12.0	20.6	39.6
0141924	Drill Core	0.70	7	53	8.8	2.5	36.4	1.0	2.2	13.6	2711	6.1	0.1	0.4	1.6	88	8.8	32.1	9.8	35.7	54.6
0141881	Drill Core	0.76	5	98	25.4	2.4	17.2	0.3	<0.1	13.6	154	14.1	<0.1	0.3	2.6	20	29.7	9.3	2.8	3.2	2.7



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1
0141923	Drill Core	5.52	19.6	2.99	0.71	2.17	0.33	1.95	0.38	1.07	0.16	1.13	0.17	0.3	2659.4	7.9	194	4.4	100.7	0.8
0141924	Drill Core	6.70	21.0	2.39	0.27	1.62	0.26	1.63	0.32	0.99	0.15	1.07	0.18	0.1	2200.6	5.1	224	1.5	120.0	0.7
0141881	Drill Core	0.39	1.3	0.24	0.04	0.29	0.05	0.42	0.09	0.20	0.04	0.24	0.04	0.5	5394.3	3.5	199	10.4	>10000	0.9



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	Method Analyte Unit MDL	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Bi	Ag	Au	Hg	Tl	Se
		ppm	ppm	ppb	ppm	ppm	ppm
		0.1	0.1	0.5	0.01	0.1	0.5
0141923	Drill Core	23.8	4.9	1.6	<0.01	0.2	19.0
0141924	Drill Core	9.3	4.4	<0.5	<0.01	0.2	10.5
0141881	Drill Core	165.1	4.2	1.3	<0.01	0.2	36.6



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QUALITY CONTROL REPORT

WHI19000667.1

	Method Analyte Unit MDL	WGHT	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100
		Wgt	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1
Pulp Duplicates																					
0141881	Drill Core	0.76	5	98	25.4	2.4	17.2	0.3	<0.1	13.6	154	14.1	<0.1	0.3	2.6	20	29.7	9.3	2.8	3.2	2.7
REP 0141881	QC		5	100	25.0	2.4	17.5	0.2	<0.1	13.4	158	14.6	<0.1	0.3	2.5	20	30.2	8.9	3.3	3.1	2.6
Reference Materials																					
STD DS11	Standard																				
STD OREAS262	Standard																				
STD SO-19	Standard		465	22	23.0	4.5	16.5	3.1	70.3	19.0	18	290.7	5.1	13.8	19.1	168	10.2	112.1	36.9	67.4	144.5
STD SO-19	Standard		472	16	21.9	4.4	15.5	3.2	69.6	18.6	18	292.6	4.8	12.9	18.5	164	10.5	111.2	36.9	68.1	146.1
STD SO-19 Expected			486	20	24	4.5	17.5	3.1	68.5	19.5	19	317.1	4.9	13	19.4	165	9.8	112	35.5	71.3	161
STD DS11 Expected																					
STD OREAS262 Expected																					
BLK	Blank		<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	2	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.3	<0.1	<0.1	<0.1
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		788	1	3.6	0.2	12.6	3.2	5.8	29.3	<1	185.4	0.4	3.4	1.6	46	<0.5	128.6	17.8	14.8	26.0



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Method Analyte Unit MDL		LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	LF100	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1
Pulp Duplicates																					
0141881	Drill Core	0.39	1.3	0.24	0.04	0.29	0.05	0.42	0.09	0.20	0.04	0.24	0.04	0.5	5394.3	3.5	199	10.4	>10000	0.9	32.9
REP 0141881	QC	0.32	1.3	0.26	0.03	0.28	0.05	0.36	0.07	0.24	0.03	0.22	0.04								
Reference Materials																					
STD DS11	Standard													14.1	146.3	137.7	342	77.9	45.6	2.3	6.3
STD OREAS262	Standard													0.7	116.9	54.2	154	63.9	36.8	0.6	3.3
STD SO-19	Standard	19.44	74.9	12.96	3.70	10.26	1.40	7.33	1.37	3.74	0.54	3.36	0.50								
STD SO-19	Standard	19.15	75.6	12.98	3.61	10.38	1.36	7.09	1.33	3.86	0.54	3.39	0.53								
STD SO-19 Expected		19.4	75.7	13.7	3.81	10.53	1.41	7.5	1.39	3.78	0.55	3.55	0.53								
STD DS11 Expected														13.9	149	138	345	77.7	42.8	2.37	7.2
STD OREAS262 Expected														0.68	118	56	154	62	35.8	0.61	3.39
BLK	Blank	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01								
BLK	Blank													<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1
Prep Wash																					
ROCK-WHI	Prep Blank	3.37	12.6	2.66	0.79	2.83	0.47	2.78	0.61	1.98	0.30	2.27	0.36	1.1	4.6	0.9	28	0.9	<0.5	<0.1	<0.1



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	Method Analyte Unit MDL	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Bi	Ag	Au	Hg	Tl	Se
		ppm	ppm	ppb	ppm	ppm	ppm
		0.1	0.1	0.5	0.01	0.1	0.5
Pulp Duplicates							
0141881	Drill Core	165.1	4.2	1.3	<0.01	0.2	36.6
REP 0141881	QC						
Reference Materials							
STD DS11	Standard	11.2	1.8	81.1	0.27	5.6	2.5
STD OREAS262	Standard	1.0	0.5	61.2	0.15	0.5	0.9
STD SO-19	Standard						
STD SO-19	Standard						
STD SO-19 Expected							
STD DS11 Expected		12.2	1.71	79	0.26	4.9	2.2
STD OREAS262 Expected		1.03	0.45	65	0.17	0.47	0.4
BLK	Blank						
BLK	Blank	<0.1	<0.1	<0.5	<0.01	<0.1	<0.5
Prep Wash							
ROCK-WHI	Prep Blank	<0.1	<0.1	<0.5	<0.01	<0.1	<0.5