

**Assessment Report
Renewal Application ~ August 2016**

Quartz Claims JA1 – JA40 (YF04541 – YF04580)
Group# HD03549

Work Completed August 7 and 8, 2016
Performed on Claims: JA7, 10, 35, 37, 38
(YF04547, YF04550, YF04575, YF04577, YF04578)

Clinton Creek Area, Map# 116C 07
UTM to Access:
07 V 0516266 / 7144665

Claims Ownership: 100% owned by Donald Ruman

Report Written By: Erini Petroutsas

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Purpose

To locate, identify and map serpentinized ultramafic bodies reported by Green & Roddick (1961) at the top of the creek west of Trace Hill – called “China Creek” in this report by prospectors. To assay observed fault-altered ultramafic rock; testing for gold as well as lithium and rare earth mineral potential. To prospect for jade or identifiable nephrite throughout claims group.

Location, Access & Vegetation

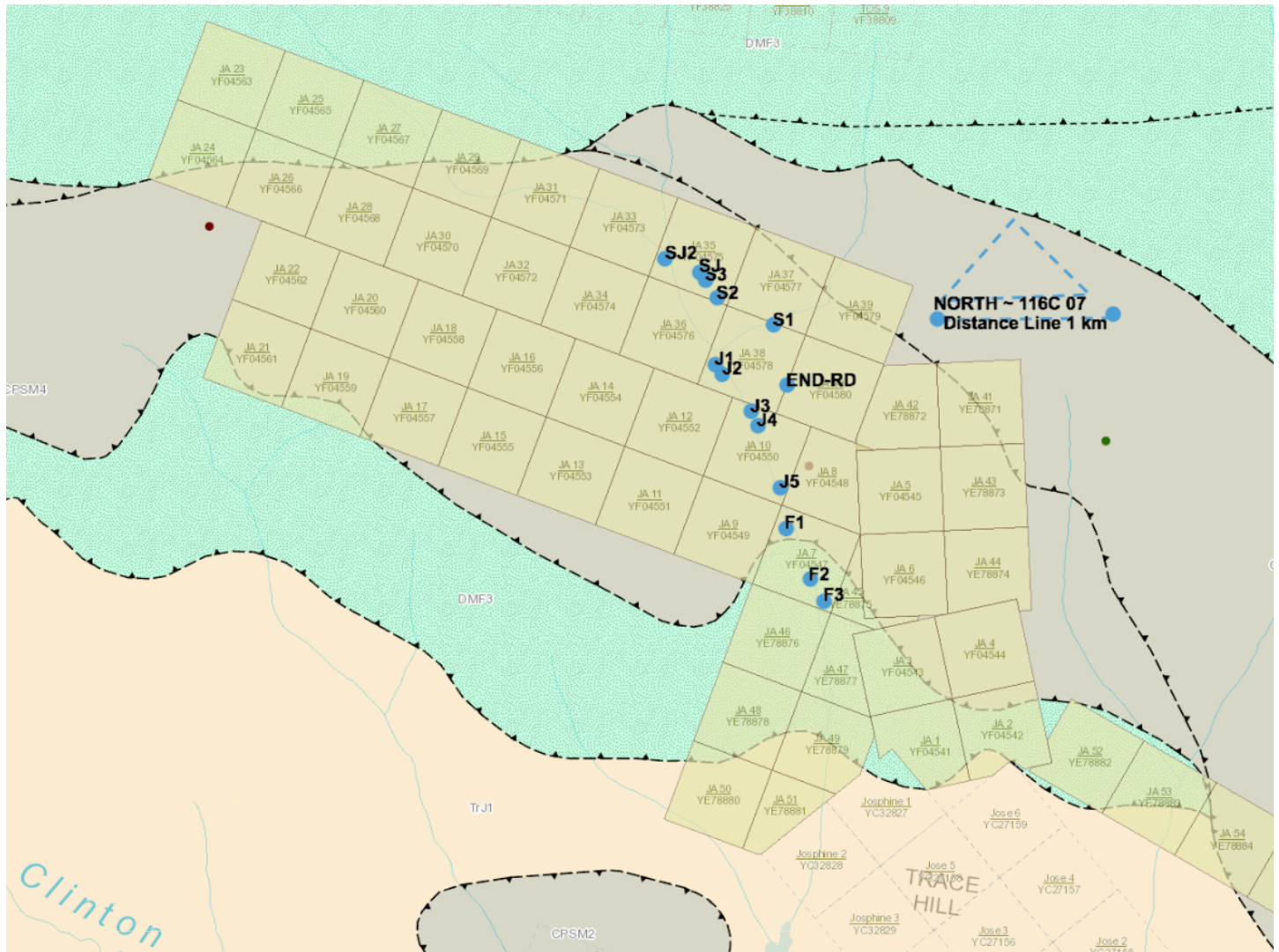
Claims accessed by travelling west along border of shuttered Clinton Creek asbestos mine.

Helicopter used to access upper claims, landing on still useable airstrip.

Vegetation consists of shrub and moss, patches of spruce forest exists on upper claims slopes. up to the old airplane landing strip of Clinton Creek mine.

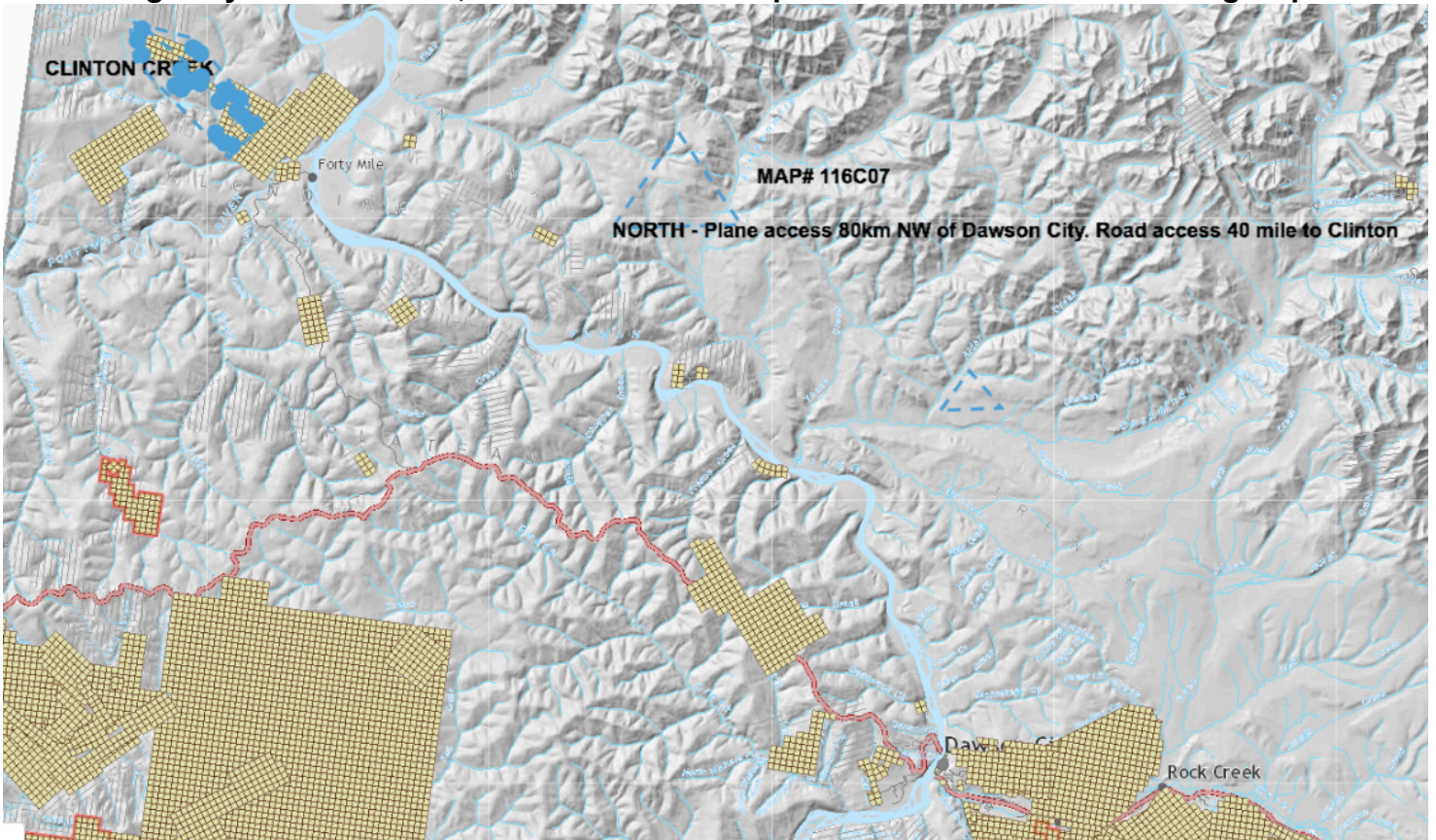
“Old airstrip” lies over flat and easily traversable plateau. Steep incline to west creek - “China Creek” that was explored by the prospecting detailed in this report. On oral accounts that jade boulders (may have been) retrieved from this area.

MAP# 116C 07 – JA Claim 1 – 40 North & East of Reclaimed Asbestos Mine

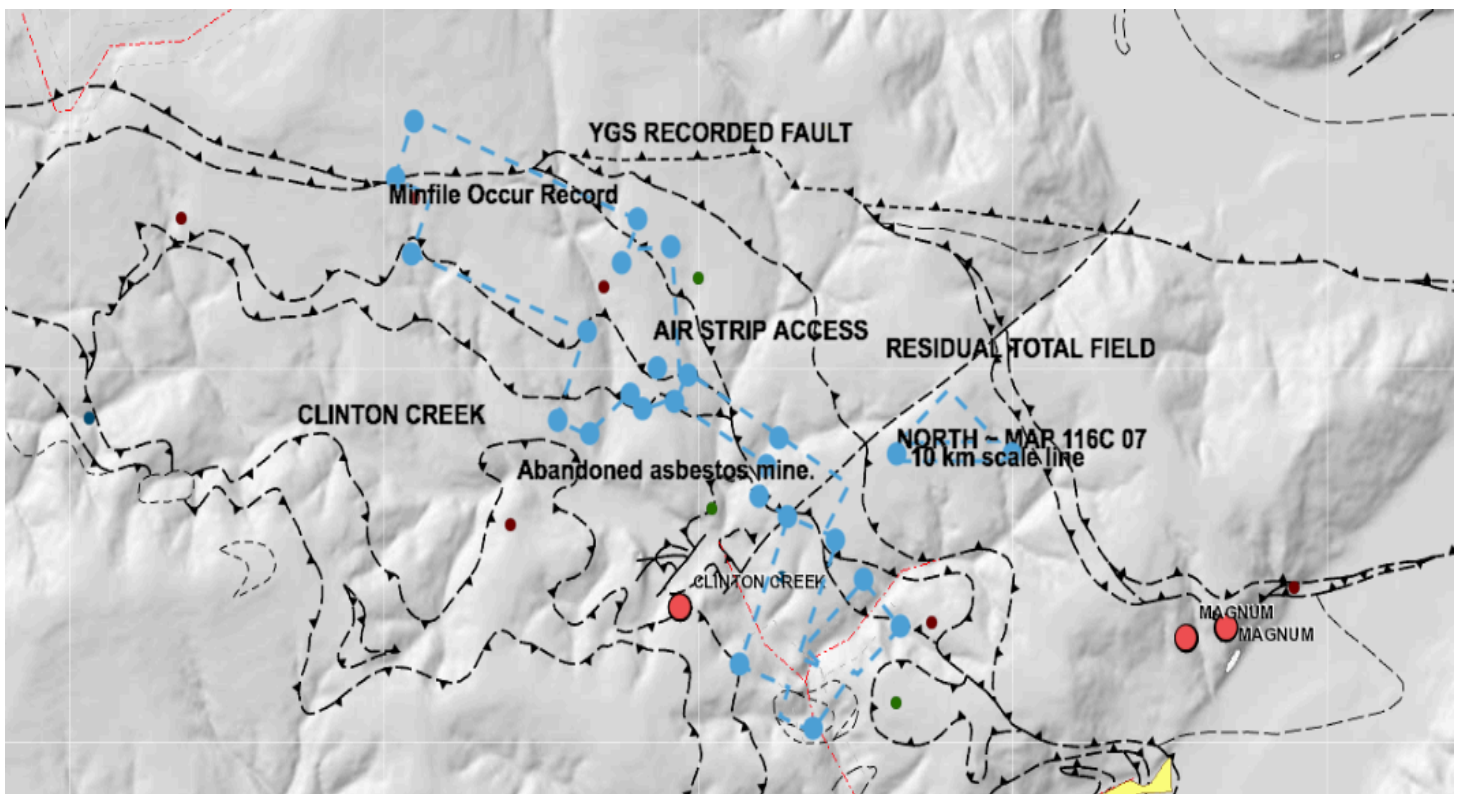


Samples taken along “No Name Left Tributary” of Clinton Creek, named “China” Creek for this report.

“Clinton Claims JA” ~ 80km NW from Dawson City. Road Access from Top of the World Highway to 40 Mile Site, Clinton Creek Road provides access to the claims group.

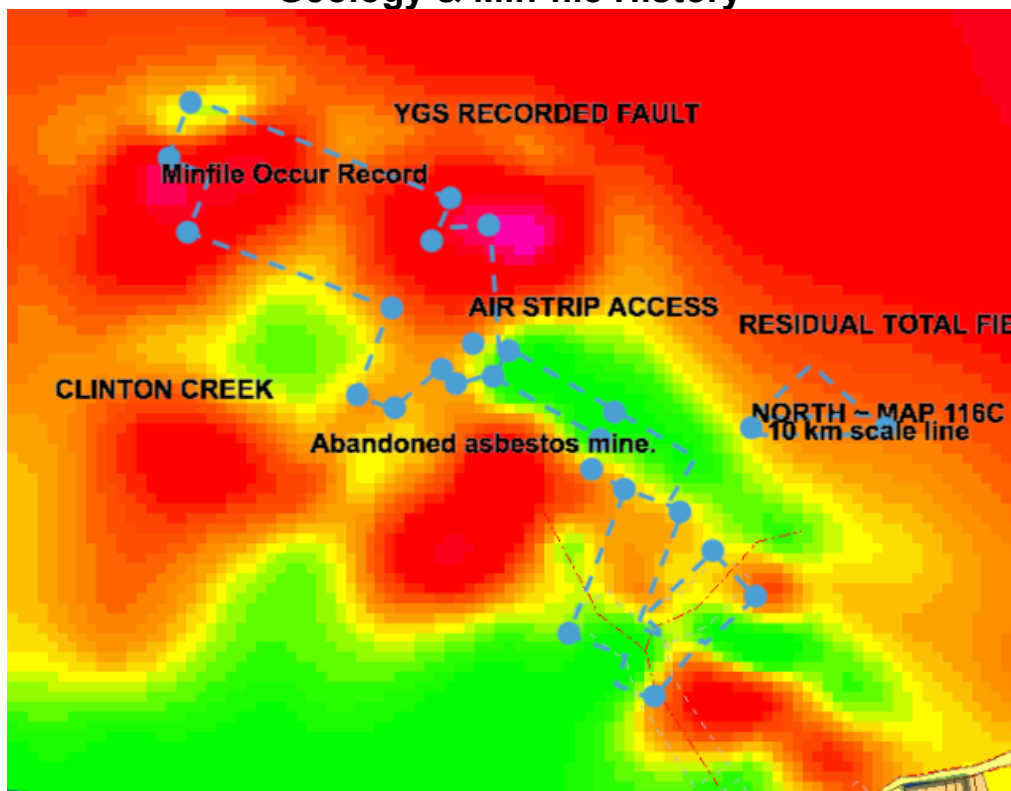


Area of interest filled-outlined in Blue top left – NW on map above.

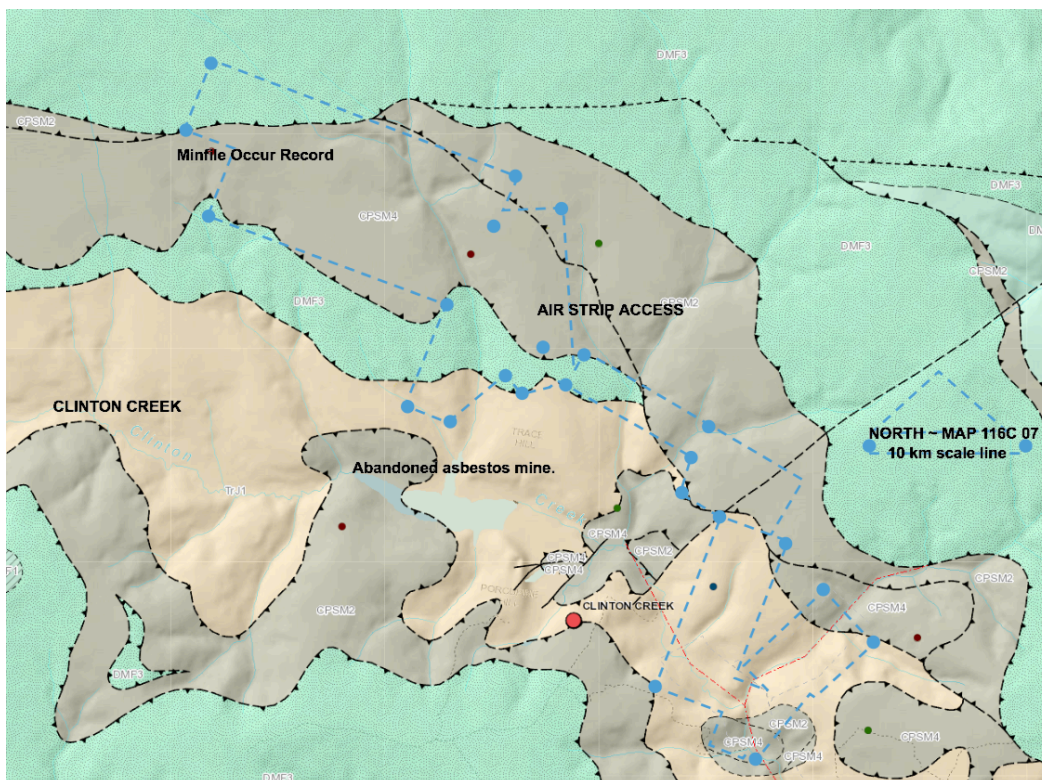


Min-file Occurrences: small colored dots & large red dots. Black-pointy dotted black line: indicates mapped faults as recorded by Yukon Government Geology Survey YGS.

Geology & Min-file History



Residual Total Field: (pink) highest magnetics at 500 nT; (red) 400 nT; (orange-yellow) 200 nT; (green) lowest magnetic reading of area at -50 nT.

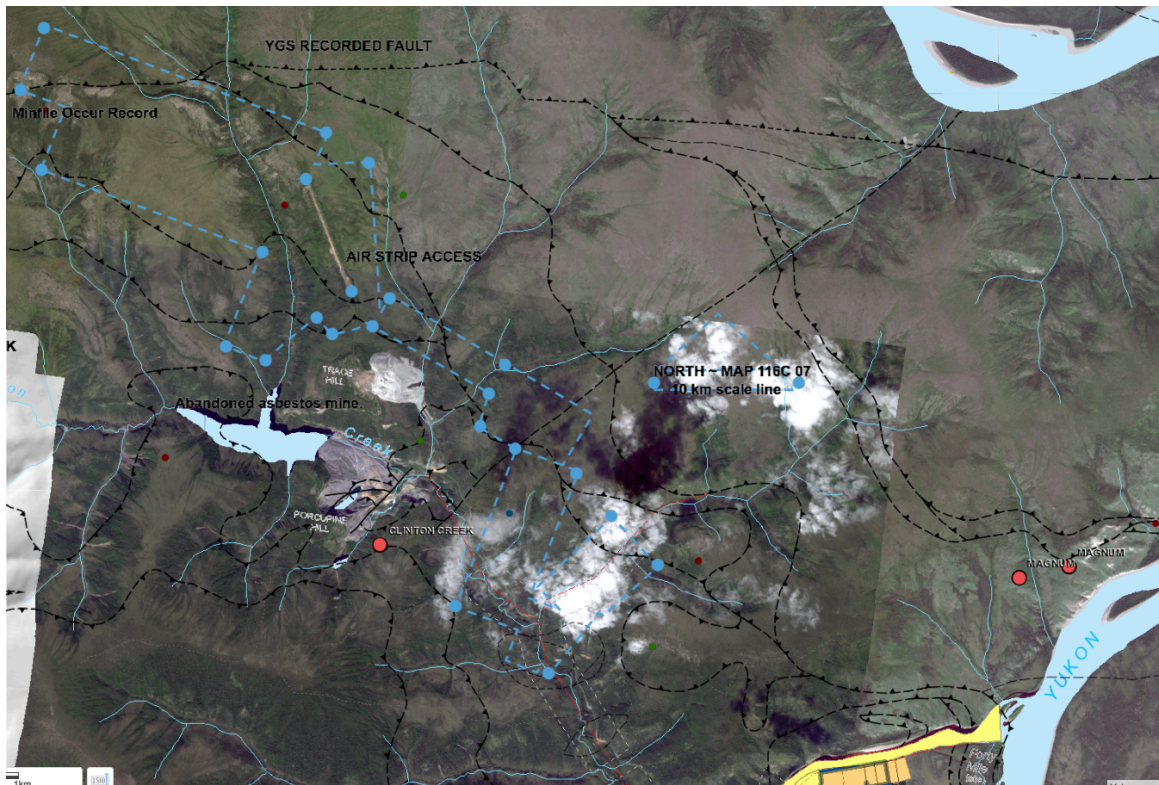


CFSM2 Grey: Slide Mountain~ Oceanic assemblage of basalt, serpentine, gabbro & metavolcanic rocks, weakly deformed and metamorphosed.

DMF3 Green: Devonian to Mississippian~ Dark-grey to black carbonaceous meta-sedimentary rocks.

TrJ1 Pink: Upper Triassic~ Weathering calcareous siltstone, shale and fine sandstone.

Quartz Claims of “JA Project” start above Trace Hill, North of Shuttered Clinton Creek Mine.



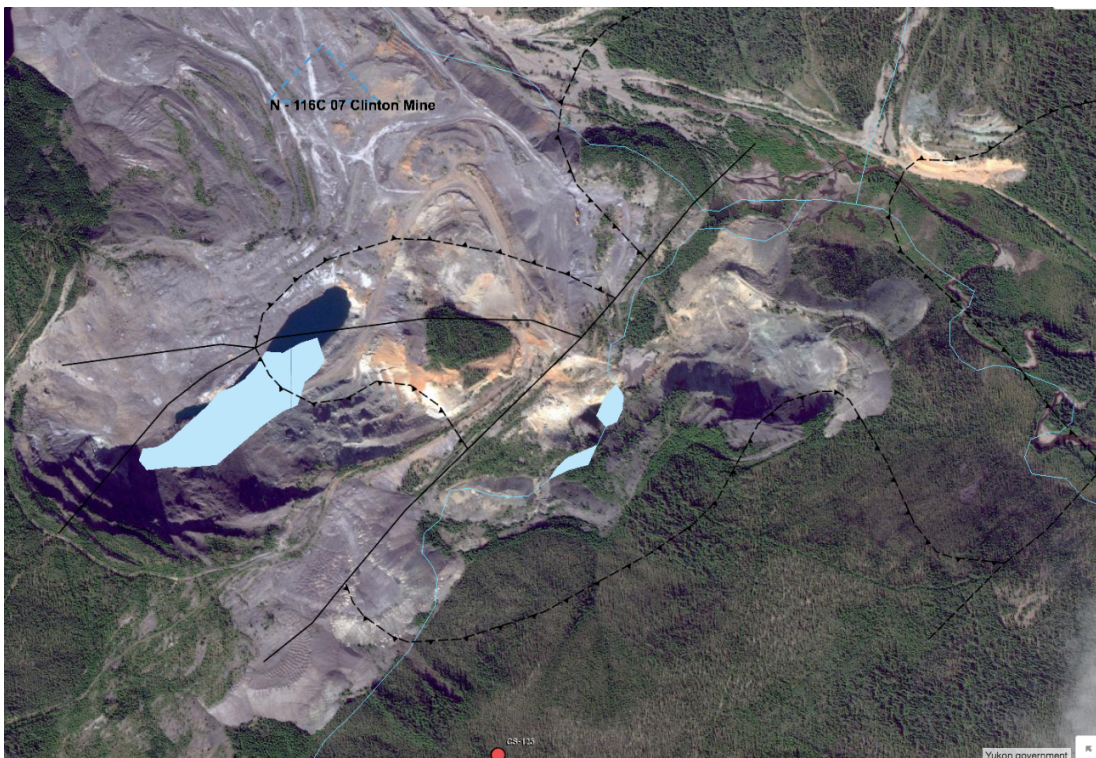
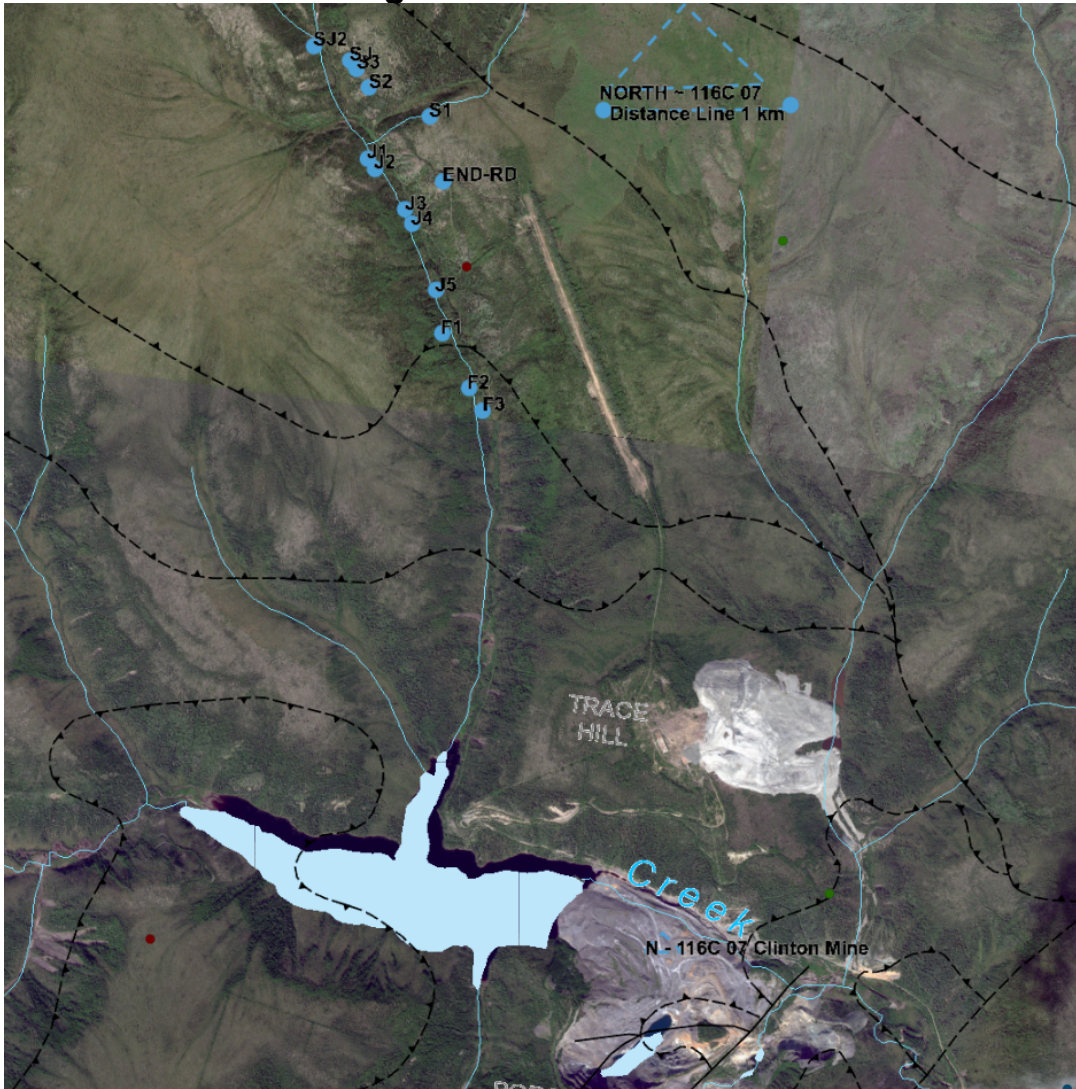
Focusing on NW trending faults encompassing old mine supply airfield. North-West & Horizontal trending faults of graphite-altered pyroxene, serpentine and ultramafic were assay sampled for rare-earth content and gold potential. Green & black “jade-like” samples were taken to a jade mining specialist to test and identify for Nephrite and amphibole.

Pyroxene (high pressured) tremolite-actinolite series amphiboles. Nephrite is formed by metasomatic exchange between ultramafic and silica-bearing rocks within the Mississippian to Jurassic/Oceanic age. High pressure blue-schist or eclogite grade metamorphic rocks are favorable for jadite exploration.

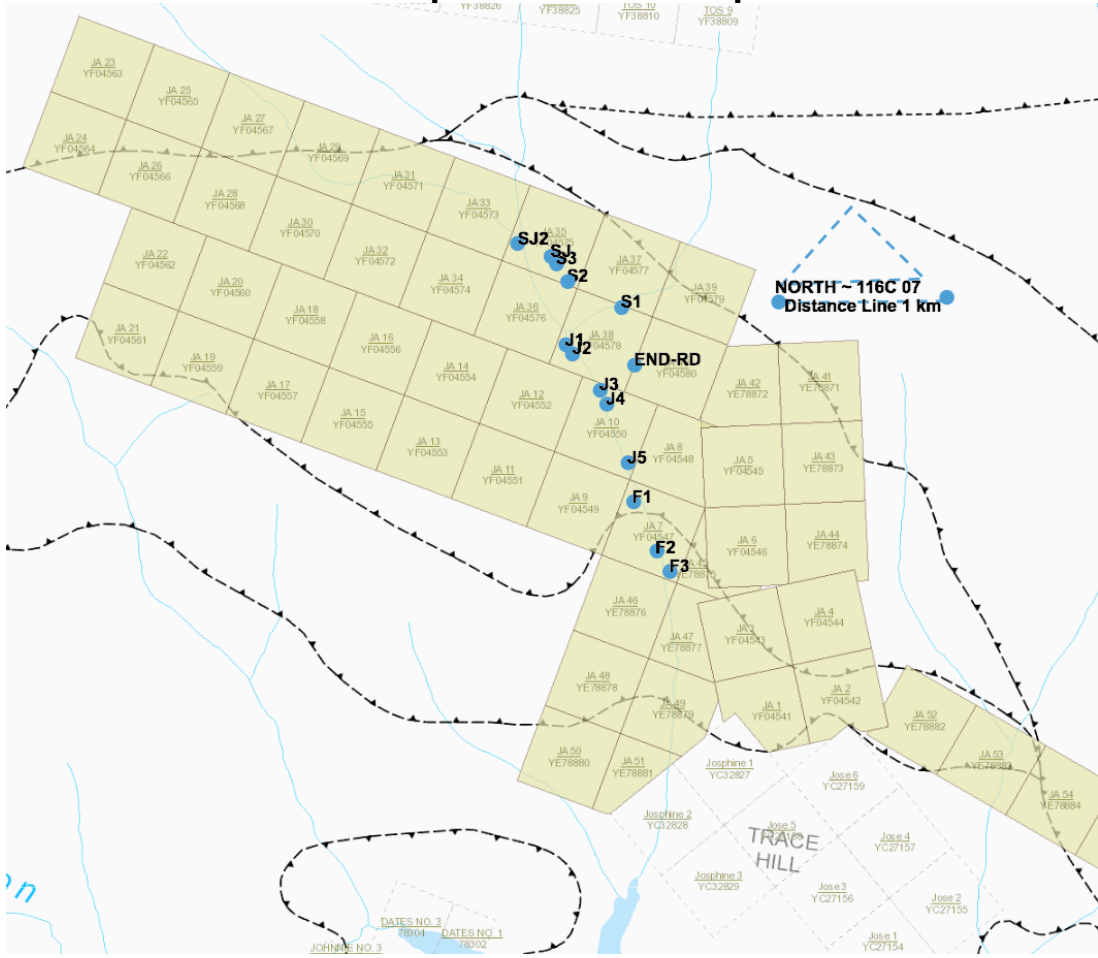
“Clinton Creek” was an asbestos mine operated by Cassiar Asbestos Corporation Ltd. between 1967 and 1978. In subsequent numerous environmental assessment reports for reclamation; repeated high soil sample assay results have been indicating anomalous (above guidelines for residential or parkland use) amounts of barium, chromium, nickel and arsenic in soils and sediments of the area. A probable result of ultramafic decomposition; “The alkalinity of the surrounding carbonate-ultramafic general bedrock/decomposing soil, likely keeps the metals assayed out of solution and prevents their movement into surrounding waters.” (Detailed soil and water tests seen in 99 Royal Roads Study ~ EMR Library 116C 07, Call# c1999_04, 1999, Royal Roads University, “Environmental Review of the Clinton Creek Abandoned Asbestos Mine, Yukon Canada.” Indian & Northern Affairs.)

As seen from the air and through satellite “Slices” of mafic & ultramafic carbonates lie between thrust faults. Visible asbestos-actinolite sheeting in large wide veins, are still exposed and observed at the reclaimed (1979 to current) mine-site. (Conwest Exploration Company Limited Call# 092060)

Satellite Images of Clinton Creek Mine Site



Sample Locations Map



ASSAY RESULTS – FAULT MATERIAL FROM 3 LOCATIONS: F1 – F3 (Sample# 1531501 – 03)

Bureau Veritas Commodities Canada Ltd.		Final Report																						
Client:	Petroustas, Erini																							
File Created:	27-Jul-2017																							
Job Number:	WHI1700043																							
Number of Samples:	3																							
Project:	JA																							
Shipment ID:																								
P.O. Number:																								
Received:	19-May-2017																							
Method	WGHT	FA450	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270			
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La		
Unit	KG	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM		
MDL	0.01	0.005	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.01	0.5		
ID	Sample	Type																						
FT1	1531501	Rock	0.50	0.015	0.9	52.8	15.9	101	<0.5	51.8	20	492	4.80	7	2.8	9.8	84	<0.5	1.1	<0.5	75	0.22	0.09	25.2
FT2	1531502	Rock	0.57	0.006	1.0	50.9	16.7	119	<0.5	55.3	18	581	6.09	7	3.2	16.4	111	<0.5	1.4	0.7	113	0.21	0.10	51.1
FT3	1531503	Rock	0.37	<0.005	1.2	43.7	14.8	107	<0.5	45.6	13	506	5.35	<5	2.8	13.4	94	<0.5	0.9	<0.5	98	0.17	0.09	36.9
Method	WGHT	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270		
Analyte	Wgt	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb	Hf	Se		
Unit	KG	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM		
MDL	0.01	1	0.01	5	0.001	0.01	0.01	0.01	0.5	0.5	5	0.5	0.5	0.5	0.5	5	1	0.5	0.05	0.5	0.5	5		
ID	Sample	Type																						
FT1	1531501	Rock	0.50	59	0.94	1430	0.264	7.27	0.87	1.82	0.9	74.6	54	2.3	12.1	8.6	0.7	<5	14	67.7	0.05	115.9	2.4	<5
FT2	1531502	Rock	0.57	78	1.40	2032	0.430	10.26	1.31	2.60	1.8	115.1	108	3.1	13.5	14.4	1.1	<5	21	99.6	<0.05	179.9	3.6	<5
FT3	1531503	Rock	0.37	72	1.22	1712	0.390	8.93	1.25	2.20	1.4	96.3	78	2.8	10.3	12.3	0.9	<5	17	86.6	<0.05	140.3	3.0	<5

Crush, split and pulverize 500g rock to 200 mesh . 50g Lead Collection Fire Assay Fusion - AAS Finish. 4 Acid digestion - ICP-ES/ICP-MS analysis.

Interpretation of Data

No significant gold seen in any of the 3 samples sent for assay testing.

In all three samples assayed above: **Copper** was high (43.7 – 52.8 ppm), as was **Cobalt** (13 – 20 ppm), **Uranium** (2.8 – 3.2 ppm), **Strontium** (84 – 111 ppm), **Lanthanum** (25.2 – 51.1 ppm), **Chromium** (59 - 78 ppm), **Lithium** (67.7 – 99.6 ppm) and **Rubidium** (115.9 – 179.9 ppm).

Assayed Sample Photos





Utm Locations

Samples for examination – Jade Expert

Sample	Utm Co-ordinates			
S1	07	W	0511458	7151135
S2	07	W	0511133	7151240
S3	07	W	0511057	7151329
SJ	07	W	0511018	7151364
SJ2	07	W	0510823	7151414
ENDR	07	W	0511574	7150818

Samples for Assay

Sample	UTM Co-ordinates			
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Black Schist, fault altered and foliated.

Cross-cut by brown oxidizing quartz/calcite veinlet's up to 2mm.

FT1	07	W	0511674	7150047
FT2	07	W	0511843	7149792
FT3	07	W	0511932	7149682

Serpentinite outcrops

J1	07	W	0511172	7150879
J2	07	W	0511218	7150833
J3	07	W	0511400	7150650
J4	07	W	0511446	7150578
J5	07	W	0511611	7150261

Expert Examined Prospecting Outcrop Samples

Identifying jade & jadite through visual examination and physical testing is much more effective than assaying. For that reason Mike Emslie of Takini Hot Springs Road, Whitehorse, Jade miner & prospector was consulted to identify samples taken with this assessment.

S1 – Altered Carbonate weathered mafic rock, high chromium and nickel.



S2 - Serpentinite with bands of fused actinolite in fault fractures.



S3 Nephrite (metamorphosed actinolite or tremolite).



JS: Ultramafic rock shelf tumbling downhill, actinolite-asbestos veining.



Conclusion & Recommendations

Based on data collected in this report and considering jade is commonly formed near asbestos-actinolite fields, and the amount of ultramafic slide observed, continued exploration for a possible jade source is warranted on this Quartz Claims Group. Gold and other minerals should also remain an exploration target for this property.

Despite not retrieving gold from assaying of fault-altered bedrock along contact fractures, rare-earth mineralization of significant amounts were recovered. A program can be implemented to chip-rock sample exposures along entirety of NW faulted bedrock contacts seen east and west of "old airstrip", and down "China Creek" to borders of old mine site.

Continued foot prospecting must be employed to create a more detailed map of outcrop structures and geology to identify if jade does exist north and west of Clinton Creek Mine-site, as has been "rumoured".

An abundance of carbonatite bedrock exposed on the quartz claims surrounding this abandoned mine-site, leaves the door open also for rare-earth mineral potential for which assaying should be specified for cesium, thorium, hafnium, niobium, tantalum and other rare earth minerals of value.

EXPENSES

2 prospectors (Sylvain Montreuil and Erini Petroutsas): 2 days in field examining and sampling for assay, outcroppings along "China Creek" and locating mapped ultramafic bodies at head of the creek.

\$350 per person per day

- **\$1,400**

Daily Expenses Cost for 4 person days:

\$100 per day

- **\$400**

Truck-trailer

\$60 per day for 2 days

- **\$120**

Two ATV @ \$40 each for 2 days

- **\$160**

3 samples selected for assay @ \$60 each (Fire & Acid Analysis)

- \$180

Expense for Mike Enslie consultation.

- \$140

Total Sample Analysis Cost: ~ **\$320**

Delivery to Whitehorse and Submittal to Lab and Consultant
(60 cent/km, approx. 550km)

-**\$330**

Report Writing Cost

- **\$270**

Total Exploration Costs: JA Group August 2016 ~ **\$3,000**

Statement of Qualifications

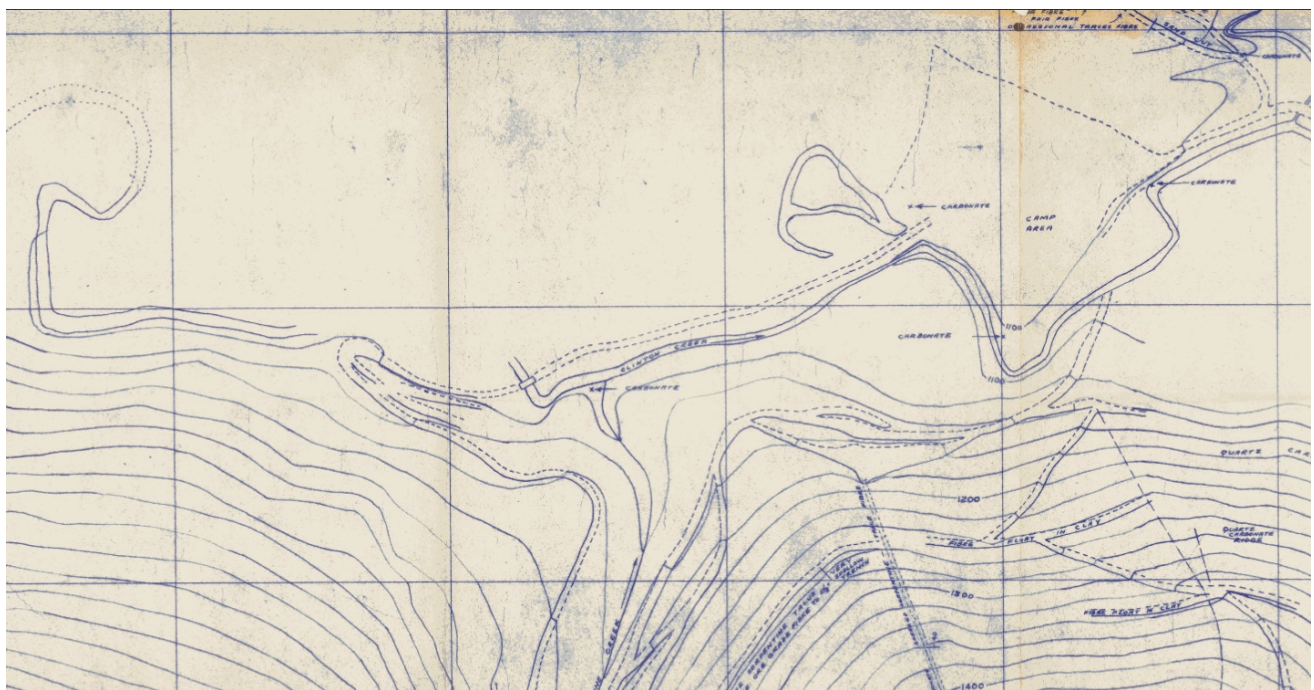
Erini Petroutsas:

Has been employed 12 consecutive summers in the Dawson area as a gold prospector in the field and as geo-tech for drilling projects.

Employment experiences have included being assistant to: Joanna Hodge PhD Geology; Erin O'Brian Masters Geology; Ken Galambos Geologist; Chris Ash Masters Ultramafic Geology; Kevin Brewer MBA & P.Geo. Bohumil Molak PhD, P.Geo. References can be requested from any of the above professionals. Signed & Dated:

1958 Report on Clinton Creek, Min-file Call #092060

Three airfields for exploration existing in 1956. #1 & #2 being on current JA claims (Trace Hill).



1956 - 1958 ~ Conwest Exploration Company Ltd., Wm.V. Smitheringale & Trevor Horsley.



Assay Certificate



Bureau Veritas Commodities Canada Ltd.
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Client: **Petroutsas, Erini**
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Dawson City Yukon Y0B 1G0 Canada

Submitted By: Erini Petroutsas
Receiving Lab: Canada-Whitehorse
Received: May 10, 2017
Report Date: July 27, 2017
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI17000043.1

CLIENT JOB INFORMATION

Project: JA
Shipment ID:
P.O. Number:
Number of Samples: 3

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	3	Crush, split and pulverize 500g rock to 200 mesh			WHI
FA450	3	50g Lead Collection Fire Assay Fusion - AAS Finish	50	Completed	VAN
EN002	3	Environmental disposal charge-Fire assay lead waste			VAN
MA270	3	4 Acid digestion - ICP-ES/ICP-MS analysis	0.5	Completed	VAN
SHP01	3	Per sample shipping charges for branch shipments			VAN
BAT01	3	Batch charge of <20 samples			VAN

ADDITIONAL COMMENTS

Invoice To: Petroutsas, Erini
Box 431
Dawson City Yukon Y0B 1G0
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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Project: JA
Report Date: July 27, 2017

Page: 2 of 2 Part: 1 of 3

CERTIFICATE OF ANALYSIS WHI17000043.1

Method	WGHT	FA450	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	5	0.5	0.5	0.5	0.5	10	0.01	
1531501	Rock	0.50	0.015	0.9	52.8	15.9	101	<0.5	51.8	20	492	4.80	7	2.8	9.8	84	<0.5	1.1	<0.5	75	0.22
1531502	Rock	0.57	0.006	1.0	50.9	16.7	119	<0.5	55.3	18	581	6.09	7	3.2	16.4	111	<0.5	1.4	0.7	113	0.21
1531503	Rock	0.37	<0.005	1.2	43.7	14.8	107	<0.5	45.6	13	506	5.35	<5	2.8	13.4	94	<0.5	0.9	<0.5	98	0.17



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Project: JA
Report Date: July 27, 2017

Page: 2 of 2 Part: 2 of 3

CERTIFICATE OF ANALYSIS WHI17000043.1

Method	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	
Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	
Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.5	1	0.01	5	0.001	0.01	0.01	0.01	0.5	0.5	5	0.5	0.5	0.5	0.5	5	1	0.5	0.05	
1531501	Rock	0.09	25.2	59	0.94	1430	0.264	7.27	0.87	1.82	0.9	74.6	54	2.3	12.1	8.6	0.7	<5	14	67.7	0.05
1531502	Rock	0.10	51.1	78	1.40	2032	0.430	10.26	1.31	2.60	1.8	115.1	108	3.1	13.5	14.4	1.1	<5	21	99.6	<0.05
1531503	Rock	0.09	36.9	72	1.22	1712	0.390	8.93	1.25	2.20	1.4	96.3	78	2.8	10.3	12.3	0.9	<5	17	86.6	<0.05



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Project: JA
Report Date: July 27, 2017

Page: 2 of 2

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI17000043.1

Method	Analyte	MA270	MA270	MA270
		Rb	Hf	Se
Unit		ppm	ppm	ppm
MDL		0.5	0.5	5
1531501	Rock	115.9	2.4	<5
1531502	Rock	179.9	3.6	<5
1531503	Rock	140.3	3.0	<5



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Project: JA
Report Date: July 27, 2017

Page: 1 of 1

Part: 1 of 3

QUALITY CONTROL REPORT

WHI17000043.1

Method	Analyte	WGHT	FA450	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	MA270	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.01	0.005	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	0.5	0.5	0.5	0.5	10	0.01	
Pulp Duplicates																					
1531501	Rock	0.50	0.015	0.9	52.8	15.9	101	<0.5	51.8	20	492	4.80	7	2.8	9.8	84	<0.5	1.1	<0.5	75	0.22
REP 1531501	QC			0.9	53.5	16.1	98	<0.5	55.5	19	486	4.80	<5	2.8	10.0	79	<0.5	1.2	<0.5	76	0.20
Reference Materials																					
STD GBM398-4-MA	Standard			878.0	3768.8	11293.5	4967	46.9	4089.4	2007	5262	5.21	7	0.8	1.1	48	8.9	8.4	10.9	60	1.28
STD OREA5927-MA	Standard			1.0	10657.9	221.2	793	3.9	34.8	34	1129	8.85	6	2.5	14.0	30	1.4	1.6	60.2	76	0.43
STD OXC145	Standard		0.203																		
STD OXH122	Standard		1.198																		
STD OXN117	Standard		7.549																		
STD GBM398-4-MA Expected				900	3930	11645	5212	49.7	4110	2000	5300	5.05	7	0.8	1.1	53	7.9	9.52	10.9	61	1.27
STD OREA5927-MA Expected				1.06	10800	231	798	4.6	33.3	31	1217	8.66	9.2	2.7	14.4	29.3	1.1	1.9	62.7	77	0.4
STD OXN117 Expected			7.679																		
STD OXC145 Expected			0.212																		
STD OXH122 Expected			1.247																		
BLK	Blank			<0.5	0.9	<0.5	<5	<0.5	<0.5	<1	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<10	0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	0.9	3.6	3.4	38	<0.5	1.3	5	663	2.21	<5	1.3	3.2	217	<0.5	<0.5	<0.5	35	1.78