

**Hard-Rock Assessment
Renewal Report for Work Filed:**

Renewal Application ~ 8th October 2016

For work to apply to:

**Quartz Claims ~ Below 1 – Below F 9 ~ (YE84694 – YE84699, YF04401, YE71400, YE78990)
Group# HD03506**

Map# 115 O15

Geological – Geochemical Work

Assay analysis of prospected bedrock, exposed by placer mining.

**Dawson City Mining District
Dominion Creek at mouth of Troublesome Gulch**

UTM to Access Zone 7, Nad83 – Klondike Highway and Hunker/Dominion Creek Road
07 610686 / 7080576

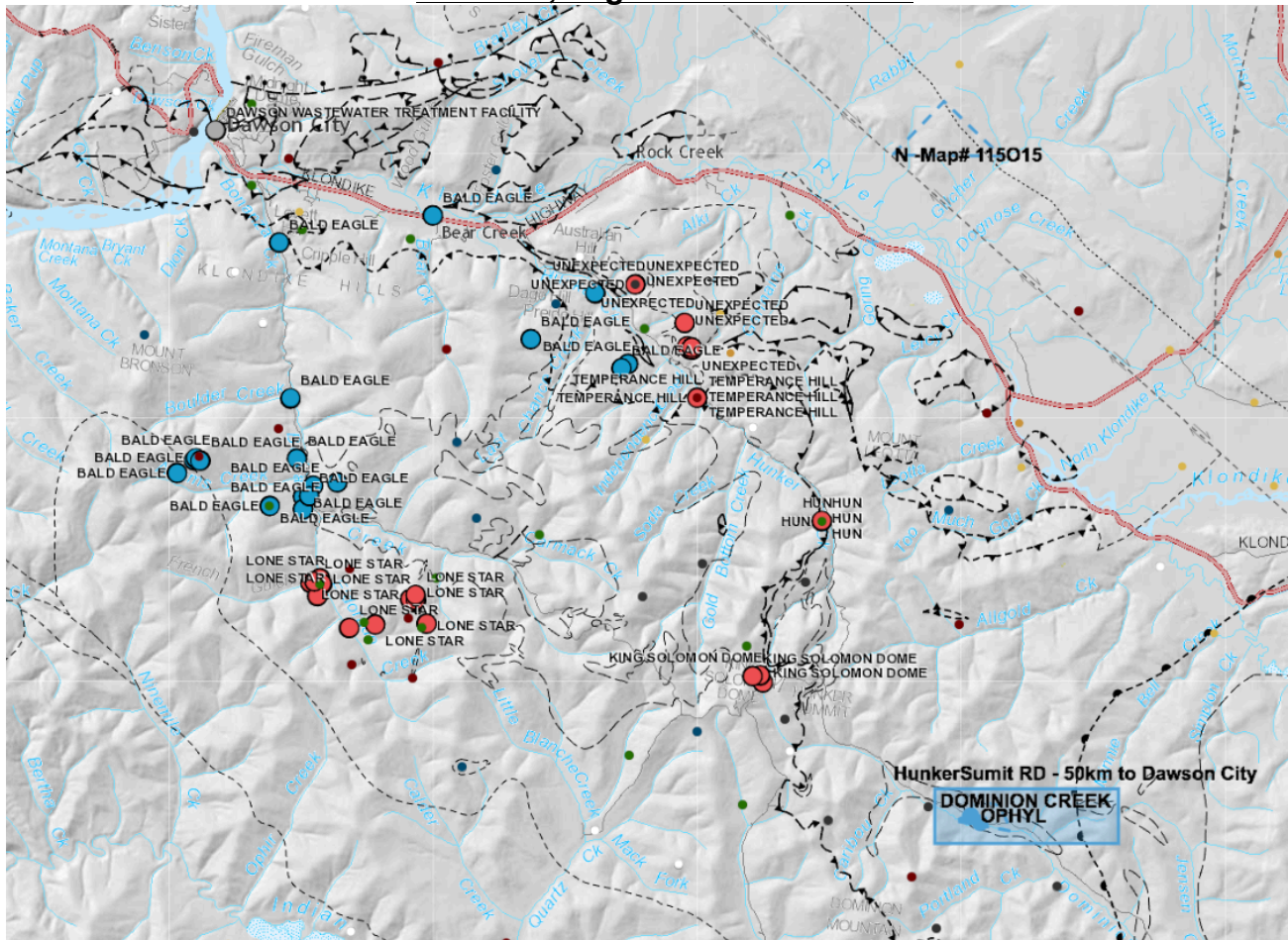
Ownership of Quartz Claim Grouping:
Donald Ruman 100%

Report written by: Erini Petroutsas

Purpose to locate, identify and map stripped to hard-rock abandoned placer exposures
of bedrock along the north bank of Dominion Creek.

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Location, Vegetation and Access



“8Below” project area/OPHYL in blue-square on above map, is on Dominion Creek, overlying placer waste and hard-rock outcrop mostly devoid of major vegetation. All overburden in the area has been washed away leaving remnant tailings and hard rock exposures far up banks on either side of Dominion Creek. Access is by Hunker and Dominion Roads, 50km from Dawson City.

Geology

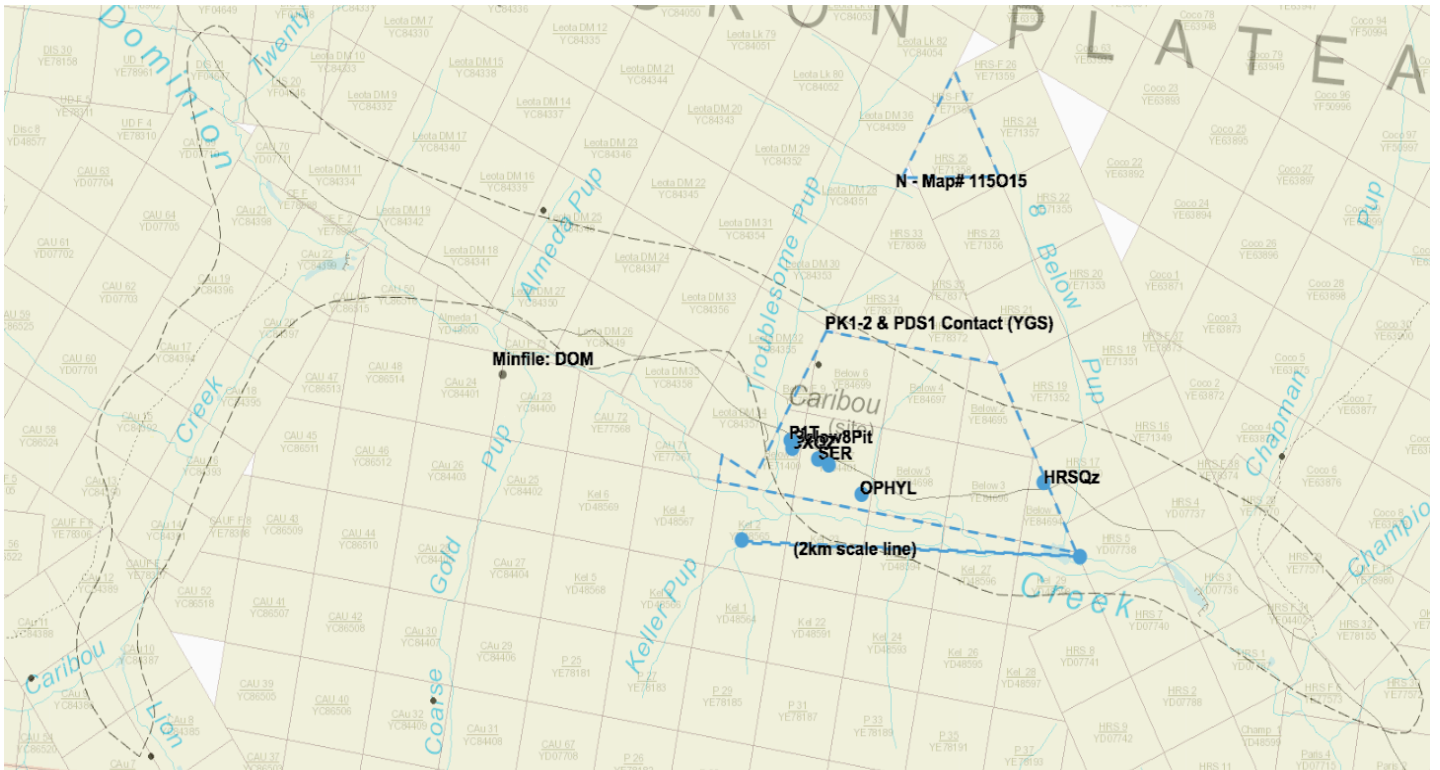


Claims of interest sampled lie within **PK1** package (Green) – KLONDIKE SCHIST: Quartz-muscovite-chlorite. (PK2): Sericite-chlorite quartz phyllite, micaceous quartzite. And **PDS1** (Mauve) – SNOWCAP: Quartzite, psammite, and marble; Minor greenstone and amphibolite.

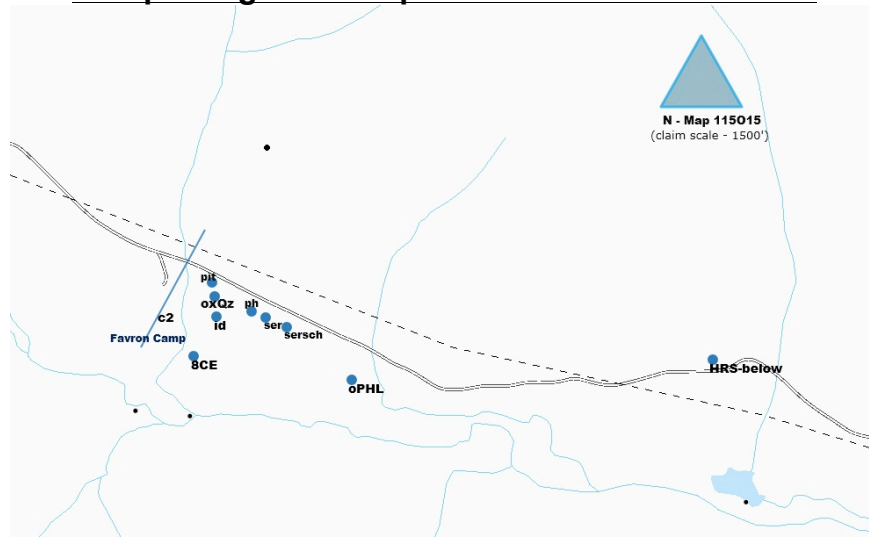
Previous Exploration & Mining History

Dominion Creek was “discovered” during the 1898 gold rush period, subsequently shafted and mined, dredge processed and family machine – water/gravity mined up to this date. A large creek, Dominion was officially the largest gold producer in the Klondike-Stewart Plateau with 327,892 oz of gold being recorded taken from there between 1978 – 2003. (Bill Lebarge, YGS/Yukon Government Survey Geologist, 2003. "Percentage of Total Placer Gold Production by Region".) No hard-rock source explanation has yet been confirmed for Dominion Creek, but previous recorded hard-rock exploration is also very limited. Favron Family Mining were the last operators and current placer claim holders for this area of Dominion and Troublesome. Reclamation of their work for habitat and water flow left many exposures of hard and decomposing schist available for study.

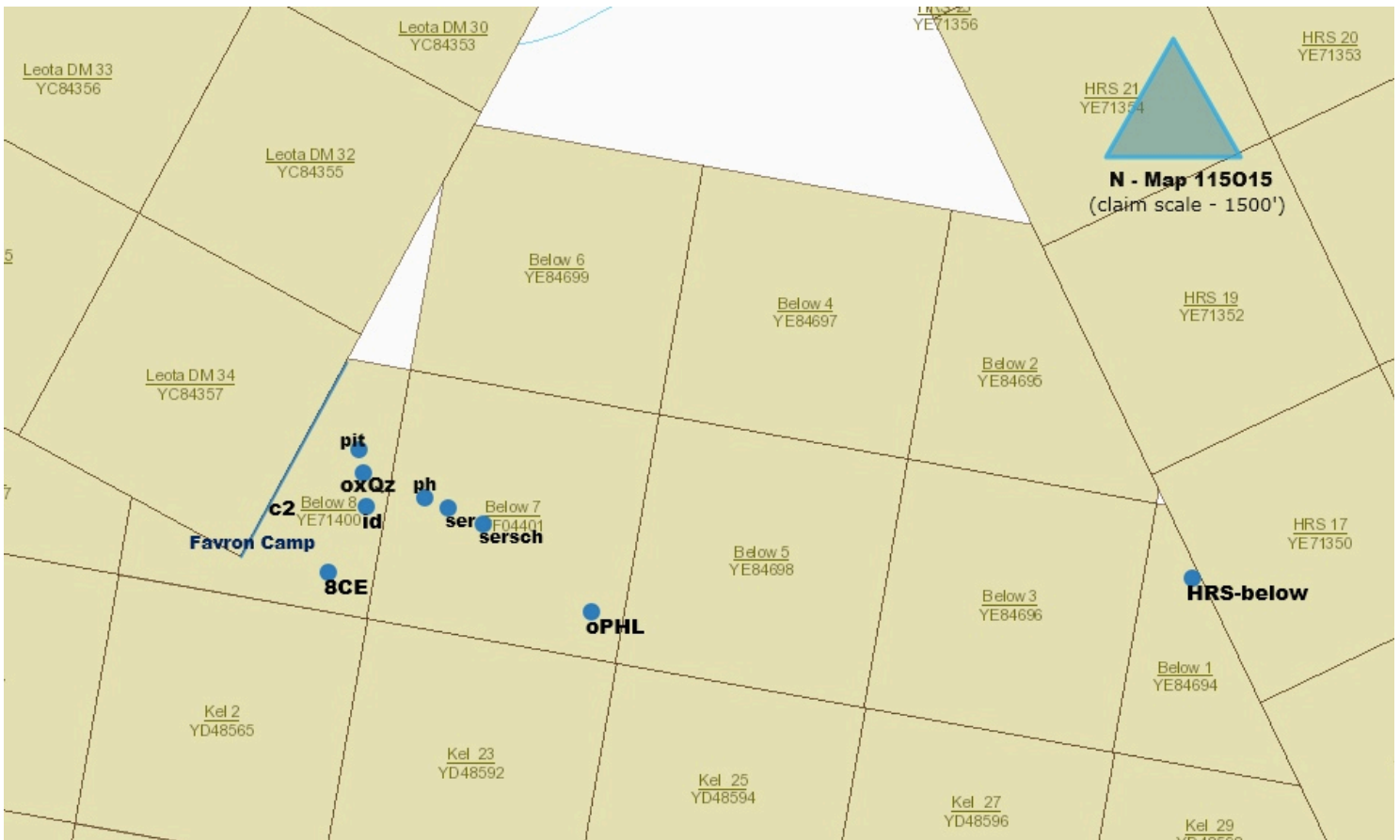
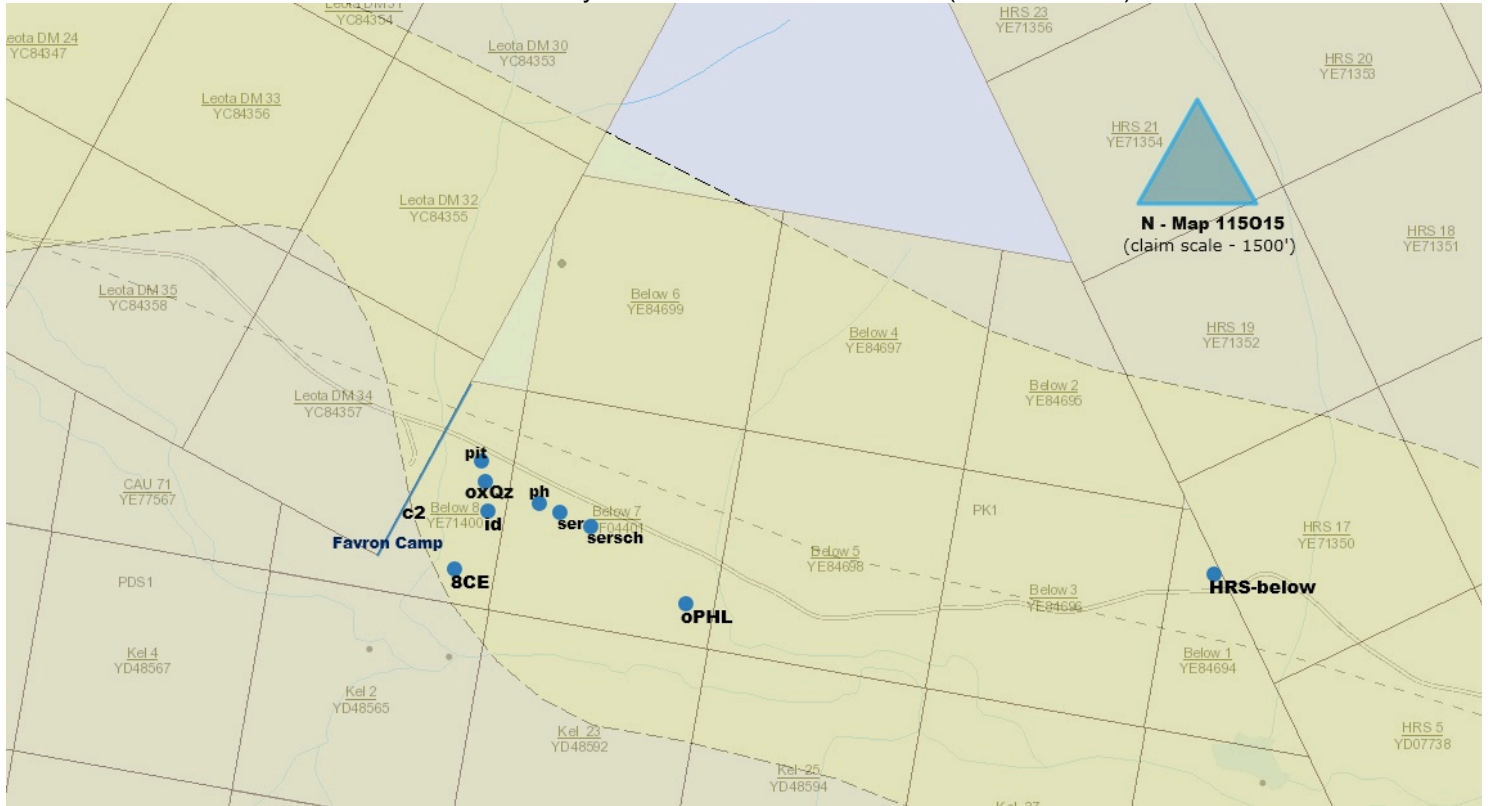
Minfile Occurrence: Dom #137 Currently on active quartz claim CAU23(YC84400) – 1.5 km west of Below8(YE71400)
 In 1984 drilling was done by United Keno/Falconbridge. 551.7m drill in nine percussion holes, with no values recovered. In 1996 Barrumundi collected 9 lines of soil from the area with a strong tin anomaly upstream from the occurrence site. The survey also returned a strong mercury and moderate arsenic anomaly from Kelly Pup located approximately 1 km to the southeast. Area described as underlain by chloritic quartzite, quartz muscovite-chlorite schist and rusty weathering quartz-muscovite schist of the Permian Klondike Schist Assemblage.



Prospecting and Sample Locations October 2016



Chip Sampling done between Troublesome and 8Below Creeks, on an area of Dominion Creek north-bank that extends north from the creek to the road. Entire North Bank of Dominion has been stripped to hard-rock by previous placer workings, for the full 2km east-west along Dominion between Troublesome & 8Below. Claim Below1(YE84694) on 8Below Creek (HRS sample area) is the site of old township "Caribou" where shafting and trenching had been done during the "gold rush period", and housed a community for Dominion Creek Workers (1898 – 1920's).



Sample Descriptions

Ophyl – Flat bedded layered sericite-muscovite-quartz phyllite scraped to still hard rock by old working over a 200 x 100 square meter area. Consistent sericite-muscovite country rock is interrupted by “streaks” up to 3m of approx. 70% brown-orange oxidation of the chlorite-sericite phyllite. Orange oxidizing section sampled. Black biotite layers in the highly micaceous layers of the phyl-schist. Quartzite (chlorite-quartz) with abundant visible mineralization (approx. 15%). Silver colored mineral rectangles (averaging 2x3 mm) visible in the brown-orange sericite, chlorite-quartzite phyllite.

CXQZ – 8 meters in elevation below and 35m south of stripped pit “ID”. Hard-rock hand trenched to expose facoidal (eye-shaped) quartz lenses up to 15cm thick, pocketed and oxidizing brown “powder” through approx. 80%. 4 such lenses observed over 2 meters with the vertically aligned hard seticite-chlorite phyllite. Quartz sampled for assay.

HRSbelowQz – Old steam-point tube roughly 1/2 meter diameter sticks out of ground besides an old hard rock shaft at the site of “Caribou – old camp”. Shaft begins at hard-rock from surface – 3 meters still exposed of chlorite-sericite phyllite lithology, before the shaft has caved. Orange-brown oxidizing flat bedded phyllite cut through with clear white facoidal quartz lenses up to 20cm across. Clear quartz is approx. 80% brown stained, limonite and iridescent sheen seen on some cleavages. Quartz sampled.

Below8pit (ID) – Decomposing bedrock from surface, over 100 square meter stripped to bedrock abandoned placer cut. Hand trenched to structure. County sericite-chlorite phyllite is brown-orange oxidized over approx. 90% of the soft powdering and vertically aligned bedded phyllite layers.

Assay Results

Bureau Veritas Commodities Canada Ltd.		Final Report																						
Client:		Petroutsas, Erini																						
File Created:		27-Jul-2017																						
Job Number:		HI17000044																						
Number of Samples:		6																						
Project:		8 Below																						
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	MA270		
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Rb	Hf	Ca		
Unit	KG	PPM	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	0.5	0.5	0.01		
Sample	Number & Name	Type																						
	1531504 - Below8Pit	Rock	0.68	0.013	0.5	7.3	4.8	11	<0.5	2.7	2	206	0.80	<5	0.5	<0.5	<5	<0.5	0.5	<0.5	<10	1.8	<0.5	0.02
	1531505 - HRSBelowQz	Rock	0.75	<0.005	<0.5	11.4	3.6	13	<0.5	0.7	<1	135	0.92	<5	0.6	2.3	7	<0.5	<0.5	<0.5	<10	33.0	<0.5	<0.01
	1531506 - CXQZ	Rock	0.80	<0.005	<0.5	5.2	30.9	26	<0.5	1.3	<1	88	0.88	<5	1.1	7.0	82	<0.5	<0.5	<0.5	<10	125.5	0.6	0.04
	1531507 - OPHYLAltered	Rock	0.50	0.019	24.8	50.9	70.3	111	<0.5	<0.5	2	81	10.12	10	2.2	5.0	28	<0.5	9.3	216.6	<10	94.8	1.4	<0.01
	1531508 - OPHYLb	Rock	0.58	<0.005	18.7	1.2	24.0	14	0.5	<0.5	<1	158	2.30	<5	2.2	3.1	21	<0.5	<0.5	3.3	<10	122.0	3.0	<0.01
	1531509 - OPHYLb Dupl.	Rock	0.86	<0.005	17.5	0.8	23.1	16	0.6	<0.5	<1	152	2.38	<5	2.6	3.6	23	<0.5	<0.5	2.5	<10	129.5	3.8	<0.01
Sample	Number & Name	Type																						
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	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Se		
Unit	KG	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM		
MDL	0.01	0.01	0.5	1	0.01	5	0.001	0.01	0.01	0.01	0.01	0.5	0.5	5	0.5	0.5	0.5	5	1	0.5	0.05	5		
Sample	Number & Name	Type																						
	1531504 - Below8Pit	Rock	0.68	<0.01	1.1	3	0.10	156	0.002	0.24	0.02	0.04	<0.5	1.4	<5	1.5	0.6	<0.5	<0.5	<5	1	6.1	<0.05	<5
	1531505 - HRSBelowQz	Rock	0.75	<0.01	4.8	3	0.20	627	0.028	1.49	0.35	0.75	0.7	11.6	11	1.9	3.1	2.1	<0.5	<5	2	2.4	<0.05	<5
	1531506 - CXQZ	Rock	0.80	0.01	6.8	2	0.14	7748	0.048	5.18	0.64	4.44	0.6	15.3	23	1.6	4.1	4.7	<0.5	<5	3	5.1	<0.05	<5
	1531507 - OPHYLAltered	Rock	0.50	<0.01	9.3	4	0.26	969	0.025	2.97	0.11	1.53	1.2	37.0	12	4.1	6.8	3.4	<0.5	<5	3	3.8	1.16	<5
	1531508 - OPHYLb	Rock	0.58	<0.01	2.9	2	0.50	1184	0.074	5.09	2.36	2.72	1.0	85.3	5	75.3	5.4	12.3	0.8	<5	5	15.4	0.81	<5
	1531509 - OPHYLb Dupl.	Rock	0.86	<0.01	2.9	2	0.50	1294	0.075	5.55	2.33	2.76	1.4	90.0	5	75.8	5.9	12.3	0.8	<5	5	16.9	0.78	<5

**Method - 50g Lead Collection Fire Assay Fusion - AAS Finish; 4 Acid digestion - ICP-ES/ICP-MS analysis
Split and pulverized: 500g rock to 200 mesh.**

Interpretation of Results

1531504: 13 ppb Au - Without any other pathfinder elements of Ag, Cu, As, or other notable mineralizations, except for **2.7 ppm Ni** and **2 ppm Co**.

1531507: 19 ppb Au - Altered OPHYL/(Phyllite-Material) had pathfinder elements in addition to highest trace gold amount: **1531507** also composed of: 24.8 ppm Mo; **50.9 ppm Cu**; **70.3 ppm Pb**; **111 ppm Zn**; 10% Fe; **2 ppm U**; 5 ppm Th; 28 ppm Sr; 9 ppm Sb; 216 ppm Bi; 9 ppm La; 12 ppm Ce; **94 ppm Rb**; **1.2 ppm W**.

1531508 & 1531509: Both samples indicated notable amounts of: **Tungsten, Rubidium, Neodymium, Molybdenum, Uranium, Tin and Strontium**(Sr: A silver-white yellowish metallic element, highly reactive chemically).

OPHYL sample of phyllite (sandstone-chlorite) assayed containment of less sulfide and more Strontium and rare earth mineralization. Hydrothermally altered in some locations, rock type also assayed with OPHYL(Location)Altered #1531507.

Three of the samples sent from OPHYL locations had the only notable mineralization.
Below8Pit (1531504) had trace gold indication.

Sample Data

(Four locations selected to assay sample. Chips taken from bedrock outcrop exposures.)

<u>Location Name</u>	<u>Datum[121]: WGS 84</u>				<u>Elevation(m)</u>
Below8PitID	07	V	0610795	7080514	682.9
HRS-belowQz	07	V	0612295	7080497	691.1
CXQZ	07	V	0610782	7080483	677.4
OPHYL	07	V	0611224	7080291	668.0

(Locations, further studied in prospecting notes. Not assay sampled)

8CE	07	V	0610744	7080299	702.6
8R	07	V	0610686	7080576	673.0
B10PH	07	V	0610898	7080454	677.6
C2	07	V	0610629	7080424	693.0
P1T	07	V	0610769	7080523	683.1
SER	07	V	0610942	7080442	677.9
SERSCH	07	V	0611009	7080420	678.6

Sample Pictures

Below8Pit ~ 13 ppb Au; 2.7 ppm Ni; 2 ppm Co



HRS-Below-Quartz sample most barren of assayed mineral amounts 2016.



CXQZ sample retrieved 125.5 ppm Rb and 82 ppm Sr in the 4.44% potassium stained quartz.



IOPHYL – “Orange Oxidizing Phyllite”



Strontium high samples of “phyllite–schist”, contained highest rare-earth mineral amounts.



#1531507 ~ OPHYLAltered ~ Hydrothermally altered “Phyllite” had highest trace gold, and mineralization assayed amounts.



Conclusion & Recommendations

Continued exploration investment is warranted, considering the vast amounts of placer work done since 1900 on Dominion Creek with no hard-rock source discovered yet. Detailed mapping should be programed to utilize the availability of such a large strip of exposed bedrock by using a small excavator, prospector and geologist for further assay analysis and mapping of insitu lithologies.

The area of "OPHYL" at "No Name North Tributary Of Dominion" should be further analyzed to determine exact values and feasibility needed to develop potential to extract new minerals such as Rubidium & Neodymium as well as other rare-earth elements that are beginning to have increased value in global commodity demand. The most promising result of the 2016 program, OPHYL area should have a small scale test-milling program implemented to define "sulfide" content from "rare-earth mineral" retrieval with P.Geo assistance recording and assaying.

Gold should be a continued exploration target on this property, as the results from such a small and random batch of assay samples in preliminary exploration stages does not mean that the possibility is ruled out. Other prospect targets should be chip-sampled in grid to further determine potential.

Expenses:

Work Completed October 8-9th, 2016

Performed on quartz claims: **Below1(YE84694)**, **Below7(YF04401)** and **Below8(YE71400)**

2 prospectors (Sylvain Montreuil and Erini Petroutsas)

2 days in field examining and sampling for assay bedrock exposures and outcroppings along Dominion Creek between Troublesome & 8 Below Pups. ~ \$350 per person per day:

\$700

Daily Expense Cost for 2 person days

\$100 per person per day:

\$200

Truck @ \$50 per day:

\$50

6 samples selected for assay @ \$50 each (fire assay and full spectrum):

\$300

Transportation and submittal of samples to assay lab in Whitehorse:

60cent/km for 500km

\$300

Report Writing Cost

\$150

Total Exploration Costs: "Below Group" October 2016 ~ \$1,700 (x DBL Credit 2016)

Statement of Qualifications

Erini Petroutsas:

Has been employed 13 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

Assay Certificate



www.bureauveritas.com/um

Client: **Petroutsas, Erini**
 Box 431
 Dawson City Yukon Y0B 1G0 Canada

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 9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
 PHONE (604) 253-3158

Submitted By: Erini Petroutsas
 Receiving Lab: Canada-Whitehorse
 Received: May 19, 2017
 Report Date: July 27, 2017
 Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI17000044.1

CLIENT JOB INFORMATION

Project: 8 Below
 Shipment ID:
 P.O. Number
 Number of Samples: 6

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	6	Crush, split and pulverize 500g rock to 200 mesh			WHI
FA450	6	50g Lead Collection Fire Assay Fusion - AAS Finish	50	Completed	VAN
EN002	6	Environmental disposal charge-Fire assay lead waste			VAN
MA270	6	4 Acid digestion - ICP-ES/ICP-MS analysis	0.5	Completed	VAN
SHP01	6	Per sample shipping charges for branch shipments			VAN

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
 DISP-RJT Dispose of Reject After 80 days

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: **Petroutsas, Erini**
 Box 431
 Dawson City Yukon Y0B 1G0
 Canada

CC:



www.bureauveritas.com/um

Client: **Petroutsas, Erini**
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Project: 8 Below
 Report Date: July 27, 2017

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CERTIFICATE OF ANALYSIS WHI17000044.1

Method	Analyte	Unit	MDL	WGHT	FA450	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
				kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
1531504	Rock			0.68	0.013	0.5	7.3	4.8	11	<0.5	2.7	2	206	0.80	<5	0.5	<0.5	<5	<0.5	0.5	<0.5	<10	0.02
1531505	Rock			0.75	<0.005	<0.5	11.4	3.6	13	<0.5	0.7	<1	135	0.92	<5	0.6	2.3	7	<0.5	<0.5	<0.5	<10	<0.01
1531506	Rock			0.80	<0.005	<0.5	5.2	30.9	26	<0.5	1.3	<1	88	0.88	<5	1.1	7.0	82	<0.5	<0.5	<0.5	<10	0.04
1531507	Rock			0.50	0.019	24.8	50.9	70.3	111	<0.5	<0.5	2	81	10.12	10	2.2	5.0	28	<0.5	9.3	216.6	<10	<0.01
1531508	Rock			0.58	<0.005	18.7	1.2	24.0	14	0.5	<0.5	<1	158	2.30	<5	2.2	3.1	21	<0.5	<0.5	3.3	<10	<0.01
1531509	Rock			0.86	<0.005	17.5	0.8	23.1	16	0.6	<0.5	<1	152	2.38	<5	2.6	3.6	23	<0.5	<0.5	2.5	<10	<0.01



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Part: 2 of 3

CERTIFICATE OF ANALYSIS

WHI17000044.1

Table with 21 columns (Analyte, Unit, MDL, P, La, Cr, Mg, Ba, Ti, Al, Na, K, W, Zr, Ce, Sn, Y, Nb, Ta, Be, Sc, Li, S) and 6 rows of data for samples 1531504-1531509.



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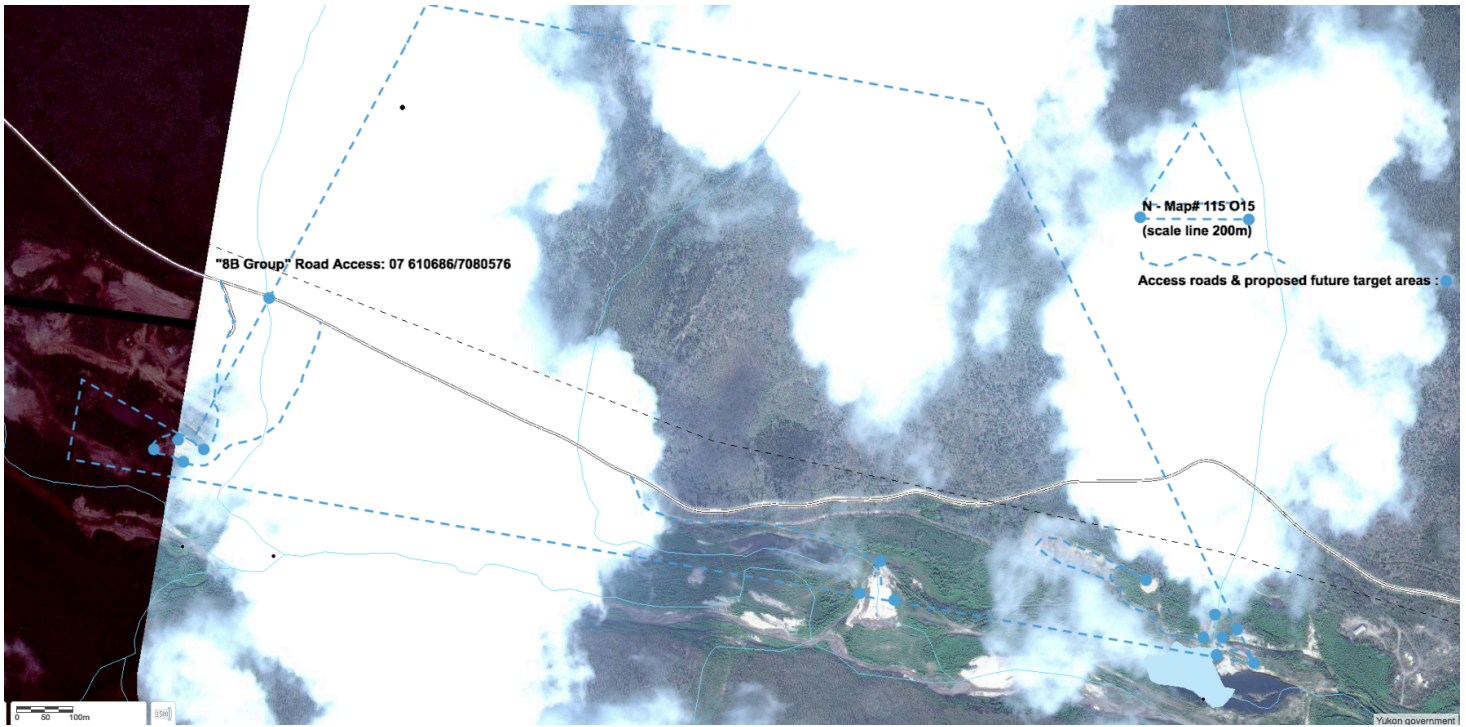
Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI17000044.1

Table with 4 columns (Analyte, Unit, MDL, Rb, Hf, Se) and 6 rows of data for samples 1531504-1531509.

**Appendix A:
Access roads and future target areas.**



**Future work: Further exploration of outcrop recommended on quartz claims:
Below8(YE71400), BelowF9(YE78990),
Below1(YE84694), Below3(YE84696) and Below5(YE84698).**

