



# **Ministry of Energy and Mines**

BC Geological Survey

**Assessment Report Title Page and Summary** 

TYPE OF REPORT [type of survey(s)]: GEOCHEMICAL SUR	RVEY (soil sampling) TOTAL COST: \$3901.90
AUTHOR(S): BRIAN SCOTT	SIGNATURE(S):
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A	YEAR OF WORK: 2016
STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/I	DATE(S):
SOW 5613214 - Aug. 06, 2016 SOW 561	9497 - Sept. 22, 2016
PROPERTY NAME: WROTTER	
CLAIM NAME(S) (on which the work was done): CURLY TOP ROB'S TWINKLES 1045101, CURLY SOUTH 1042703	2 1037895, PTARMAGAIN 1038426, IRISH 1039176, BOB 1044535,
COMMODITIES SOUGHT: GOLD SILVER COP	PER
MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:104	N 099 - EAGLE CREEK
MINING DIVISION:ATLIN	NTS/BCGS: NTS 104N11W
LATITUDE:59 ° _35 '_05 " LONGITUDE:	133 0 18 59 " (at centre of work)
OWNER(S):  1) BRIAN SCOTT	
MAILING ADDRESS: BOX 77 TAGISH Y0B 1T0	BOX 24 TAGISH Y0B1T0
OPERATOR(S) [who paid for the work]:  1) BRIAN SCOTT	2)
MAILING ADDRESS: SAME AS ABOVE	
PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, s CACHE CACHE CREEK GROUP SEDIMENTS/VOLO	structure, alteration, mineralization, size and attitude): CANICS, LATE PALEOZOIC, CRETACEOUS, TERTIARY,
NNE TRENDING QUARTZ VEINS IN FAULT/SHEAR	R ZONE
REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESS  AR 32258 - MARK - 2011 AR 34930 - SCOTT - 2014	SMENT REPORT NUMBERS:AR 13338 - GRUENWALD - 1984

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
GEOCHEMICAL (number of samples analysed for)			
Soil40		1037895, 1038426, 1039176,	\$2843.50
Silt		1042703,1044535, 1045101	
Rock			,
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying 40 - IC	P MS - 35 ELEMENT		\$1058.40
Petrographic		_	
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric			
(scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/tr	ail	_	
Trench (metres)		1	
Underground dev. (metres)			
Other			
		TOTAL COST:	\$3901.90

BC Geological Survey
Assessment Report
36339

# GEOCHEMICAL SURVEY ON THE WROTTER PROPERTY

work Performed by Brian Scott on Jul. 24, Aug. 14, 2016

WORK COMPLETED ON TENURES 1037895, 1038426, 1039176, 1044535, 1045101

Owners: Mardell Martindale – 50%

Brian Scott – 50%

PROPERTY CENTERED AT: 595500E – 6606400N

UTM ZONE 8N – NAD 83

MAPSHEET 104N 054

ATLIN MINING DIVISION

REPORT BY BRIAN SCOTT Sept. 30, 2016

# **SUMMARY**

The 754 hectare Wrotter property covers the headwaters of Wright Creek, one of the more productive placer creeks in the Atlin camp of northern BC. Placer activity on Wright Creek commenced in 1898 and has continued intermittently to the present time. Total placer gold production on Wright Creek from 1898 to 1945 is listed in EMPR Bulletin 28 as 13,698 ounces. Anecdotal information on placer production from 1946 to the present time suggests that the total amount of gold recovered from this creek is probably close to 40,000 ounces. Placer gold from Wright Creek is extremely coarse, some of which is angular and has attached quartz, suggesting a nearby bedrock source. In 1984; Hawthorne Gold Corp. completed a program of soil sampling, mapping and trenching in an effort to locate bedrock mineralization. In 2014 the author of this report did a small prospecting program and geochemical survey on portions of the property. The 2016 field work covered by this report consisted of additional geochemical soil sampling on the north eastern portion of the property.

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The Wrotter property consists of ten tenures totalling 737 hectares. All tenures are owned as to 50% by Brian Scott and 50% by Mardell Martindale, as described below. Good until dates shown are on acceptance of this report.

Tenure Number	Type	Claim Name	Good Until	Area (ha)
1037895	Mineral	CURLY TOP	20170930	131.2031
<u>1038426</u>	Mineral	PTARMAGAIN	20170930	65.5864
<u>1038664</u>	Mineral	LEFT PTARMAGAIN	20170930	32.7907
<u>1039176</u>	Mineral	IRISH	20170930	32.7919
<u>1042703</u>	Mineral	CURLY SOUTH	20180830	32.8005
<u>1044131</u>	Mineral		20180830	16.3943
<u>1044535</u>	Mineral	вов	20180830	147.5676
<u>1045101</u>	Mineral	ROB'S TWINKLES	20180830	65.5962
1045277	Mineral	IRISH HILL	20180830	213.2478
1045801	Mineral	DAVE'S	20180830	16.3936

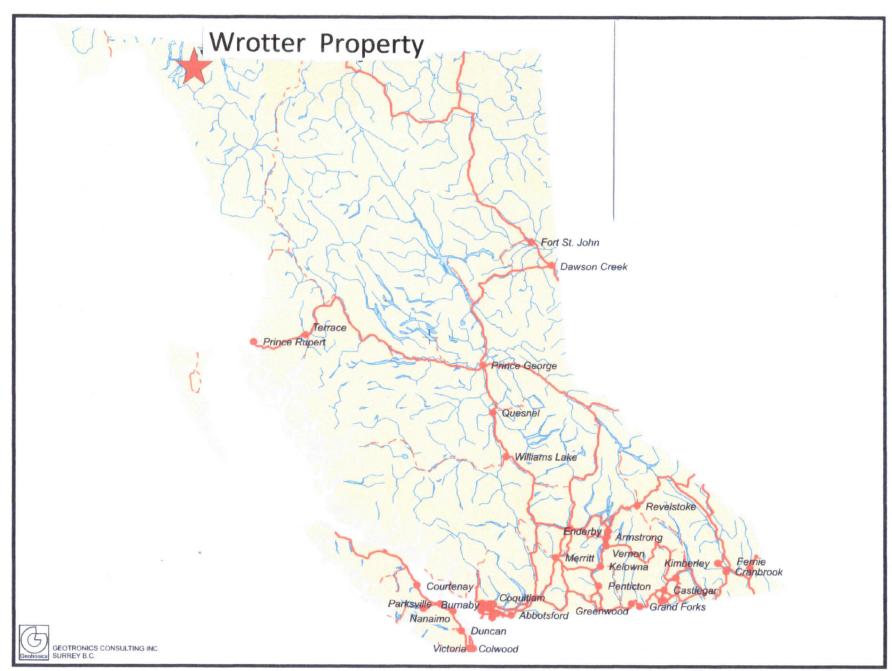
Total Area: 754.3721 ha

# **LOCATION AND ACCESS**

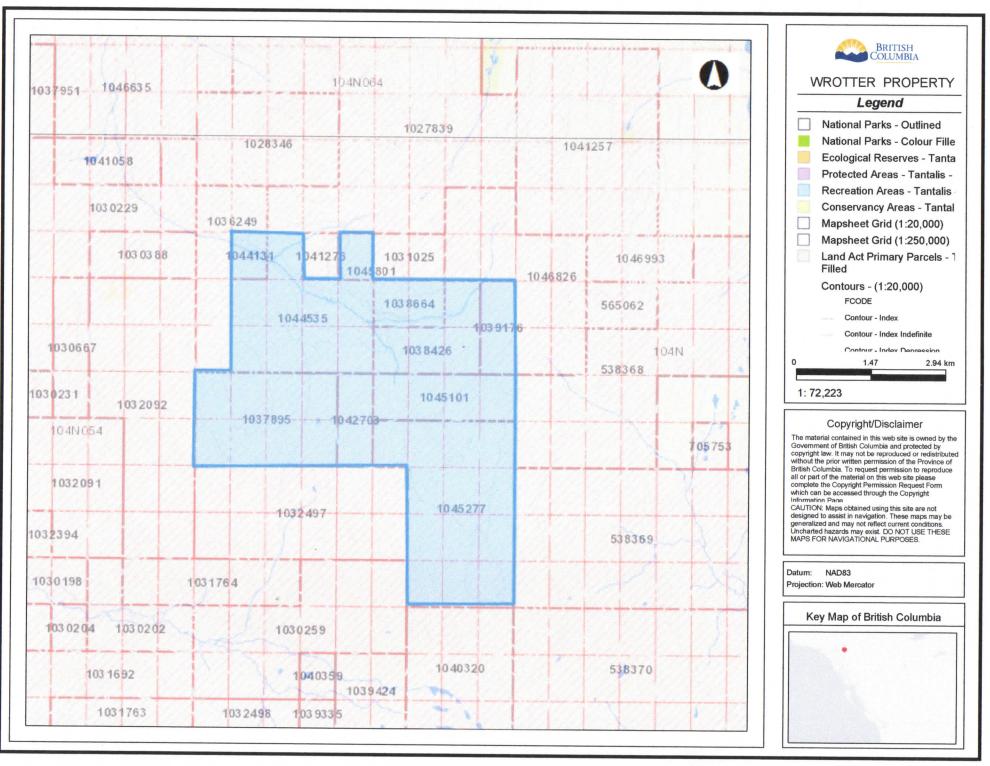
The property is located 22 km. from the town of Atlin, population about 400. Access by gravel road using a 4X4 truck is possible to the confluence of Wright and Eagle Creeks. From here all areas of the property can be accessed by ATV.

# **PHYSIOGRAPHY**

The property is located on the Teslin Plateau, just east of the Coast Mountain Range. The area has been subject to several glacial periods, the most recent of which deposited a layer of



MAPI- PROPERTY LOCATION



glacial drift, which is relatively thin on upper slopes but thickens in the creek valley. Slopes on the property are moderate, with elevations ranging from 1350 meters to 1550 meters. Treeline is at approximately 1400 meters, so most of the property is covered with alpine vegetation, spotted with patches of buck brush.

The Atlin area enjoys a typical northern climate, with summer temperatures averaging 20 degrees C and winter averages around -15 degrees C. Precipitation is moderate. The exploration season usually extends from May to October.

## **HISTORY**

Placer gold was discovered in the area in 1897 by Kenneth McLaren and Fritz Miller. By 1898, there were an estimated 3000 miners working creeks in the new Atlin camp. Wright Creek, whose headwaters are straddled by the Wrotter property, was one of the early placer producers, and was renowned for its coarse gold, with some nuggets exceeding 30 ounces. Some of the gold recovered is angular and has quartz attached, suggesting a nearby bedrock source. In an attempt to locate this hardrock source in 1984, Hawthorne Gold Corp. completed a program of soil sampling, mapping, geophysics (magnetometer and EM surveys) and bulldozer trenching on portions of the area now covered by the Wrotter property. Hawthorne was successful in outlining a north – northeasterly

trending shear zone containing in one area a 0.8 to 3.7 meter wide quartz vein/silicified zone. Soil samples from bulldozer trenching across this zone returned gold values up to 90 ppb. An altered dike found parallel and adjacent to this zone returned values up to 2.23 oz/t silver from rock samples. Hawthorne concluded that further work was justified. In 2014, the author of this report carried out a limited prospecting program and soil sampling program. Geochem results were disappointing, with the highest gold value returned from 24 soil samples at 31.7 ppb.

# **REGIONAL GEOLOGY** (from Ash 2001)

The Atlin region is located in the northwestern corner of the northern Cache Creek Terrane. It contains a fault-bounded package of late Paleozoic and early Mesozoic dismembered oceanic lithosphere, intruded by post-collisional Middle Jurassic, Cretaceous and Tertiary felsic plutonic rocks. Mixed graphitic argillite and pelagic sedimentary rocks that contain minor pods and slivers of metabasalt and limestone dominate the terrane. Remnants of oceanic crust and upper mantle lithologies are concentrated along the western margin. Dismembered ophiolitic assemblages have been described at three localities along this margin: from north to south they are the Atlin, Nahlin and King Mountain assemblages. Each area

contains imbricated mantle harzburgite, crustal plutonic ultramafic cumulates, gabbros and diorite, together with hypabyssal and extrusive basaltic volcanic rocks. Thick sections of the late Paleozoic shallow-water limestone dominate the western margin of the terrane and are associated with alkali basalts. These are interpreted to be carbonate bank constructed on ancient ocean islands within the former Cache Creek ocean basin. The middle Jurassic timing of emplacement of the northern Cache Creek Terrane over Late Triassic to Lower Jurassic Whitehorse Trough sediments along the Nahlin Fault is well constrained by combined stratigraphic and plutonic evidence. The youngest sediments affected by deformation related to the King Salmon Fault are Bajocian rocks that are immediately underlain by organic-rich sediments of Aalenian age. They are interpreted to reflect loading along the western margin of Stikinia by the Cache Creek during its initial emplacement. The oldest post-collisional plutons that pierce the Cache Creek Terrane to the west of Dease Lake are dated at 173+/-4Ma by K-Ar methods and in the Atlin area they are dated at 172+/-3Ma by U-Pb zircon analyses. Considering the age of these plutons relative to the orogenic event, the descriptive term late syn-collisional is preferable. The Northern Cache Creek Terrane to the east is bordered mainly by the Thibert Fault that continues northward along the Teslin lineament. Discontinuous exposures of altered ultramafite along the fault suggest that it has previously undergone

significant reverse motion and may be a reactivated thrust or transpressional fault zone. Latest movement on this fault is thought to be dextral strike-slip, of pre-Late Cretaceous age. The terrane is dominated by sub-greenschist, prehnite-pumpellyite facies rocks; however, local greenschist and blueschist metamorphism are recorded. The terrane is characterized by a northwesterly-trending structural grain, however, in the Atlin – Sentinel Mountain area there is a marked deviation from this regional orientation with a dominant northeasterly trend. Reasons for this divergence in structural grain are poorly understood.

# **PROPERTY GEOLOGY** (from Gruenwald 1984)

Detailed mapping of the area indicates that the property is underlain by two distinct sedimentary rock types, namely:

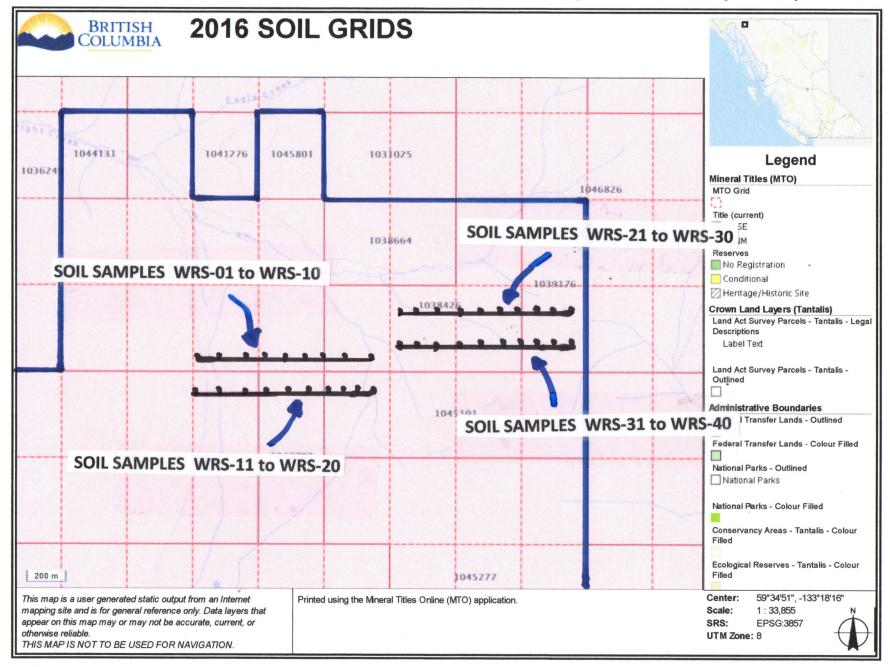
- (1) Buff to gray, fine grained, variably schistose quartzite
- (2) Dark gray, massive to crumbly, locally graphitic argillite

These rocks are often interbedded, and are members of the Cache Creek Group. Bedding (foliation) attitudes are highly variable, showing no definitely preferred direction. Dips for the most part fall in the range of 20 degrees to 5 degrees. Small scale anticlinal folding was observed to plunge gently to the south. Faulting or shearing is evident in the Wright Creek area near the centre of the property. Recent placer mining activity

(1984) has exposed a strong northerly trending shear zone and crushed quartz vein material in graphitic argillites. This steeply dipping vein locally contained breccia fragments of the surrounding argillites as well as drusy, limonitic cavities. Slickensides on at least one wall of this vein suggests a definite fault/shear association that can likely be traced to the original gouge zone in Wright Creek. A distinct north-northeasterly trending topographic linear found on the south side of Wright Creek is on strike with the initial vein discovery, and is interpreted as the southward projection of the shear zone found in Wright Creek.

# 2016 WORK PROGRAM

Coarse, angular placer gold with quartz attached has been recovered by miners from the adjoining watersheds of Wright and Otter Creeks in the Atlin camp. In 2016, in a continuing effort to locate possible bedrock sources for this obviously locally derived gold, the author collected a total of 40 soil samples in 2 areas south of Wright Creek. A soil auger was used to obtain samples from "C" horizon material, placed in labelled kraft paper bags, and the sample site marked with labelled pink flagging. Samples were taken on 100 meter centres, in 4 lines, each approximately 1 km long. In swampy areas, samples were taken on line at the first suitable site. All samples were



MAP 3.

submitted for 36 element ICP-MS analysis using aqua regia digestion.

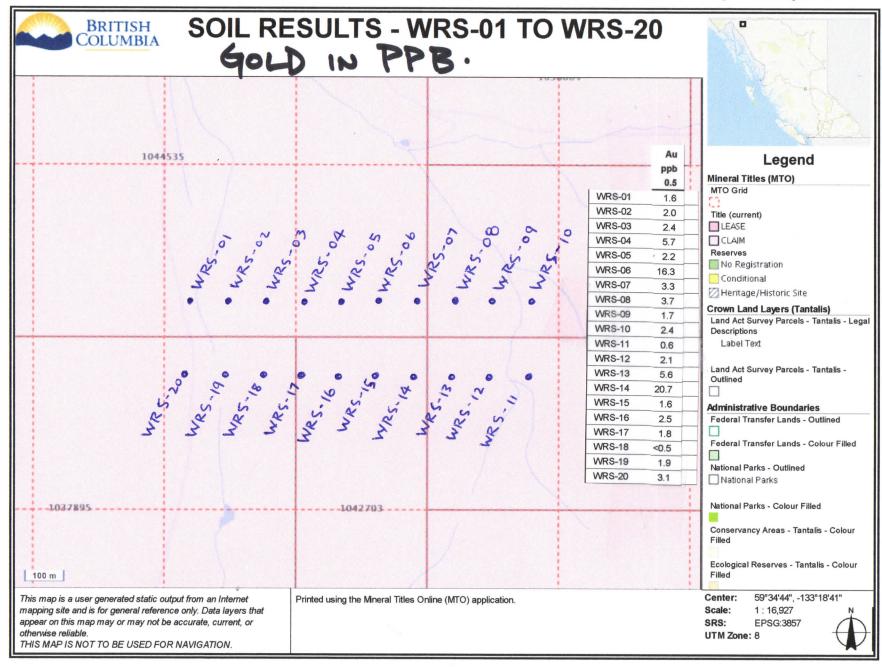
SAMPLE	EASTING	NORTHING	DEPTH	DESCRIPTION
WRS-01	594907	6605811	40 CM	Brown silty
WRS-02	594986	6605814	35 CM	Brown silty
WRS-03	-595080	6605825	35 CM	Brown silty
WRS-04	595182	6605820	40 CM	Brown silty
WRS-05	595274	6605812	38 CM	Brown silty
WRS-06	595379	6605814	40 CM	Brown silty
WRS-07	595478	6605812	35 CM	Brown silty

SAMPLE	EASTING	NORTHING	DEPTH	DESCRIPTION
WRS-08	595573	6605815	40 CM	Brown silty
WRS-09	595681	6605819	35 CM	Brown loam
WRS-10	595775	6605805	40 CM	Brown wet
WRS-11	595785	6605610	30 CM	Brown silty
WRS-12	595680	6605610	40 CM	Brown silty
WRS-13	595578	6605613	35 CM	Brown silty
WRS-14	595479	6605609	30 CM	Brown silty
WRS-15	595380	6605606	45 CM	Brown silty
WRS-16	595282	6605610	30 CM	Brown silty
WRS-17	595170	6605610	35 CM	Brown silty
WRS-18	595080	6605607	35 CM	Brown silty
WRS-19	594980	6605611	35 CM	Brown silty
WRS-20	594877	6605606	30 CM	Brown silty

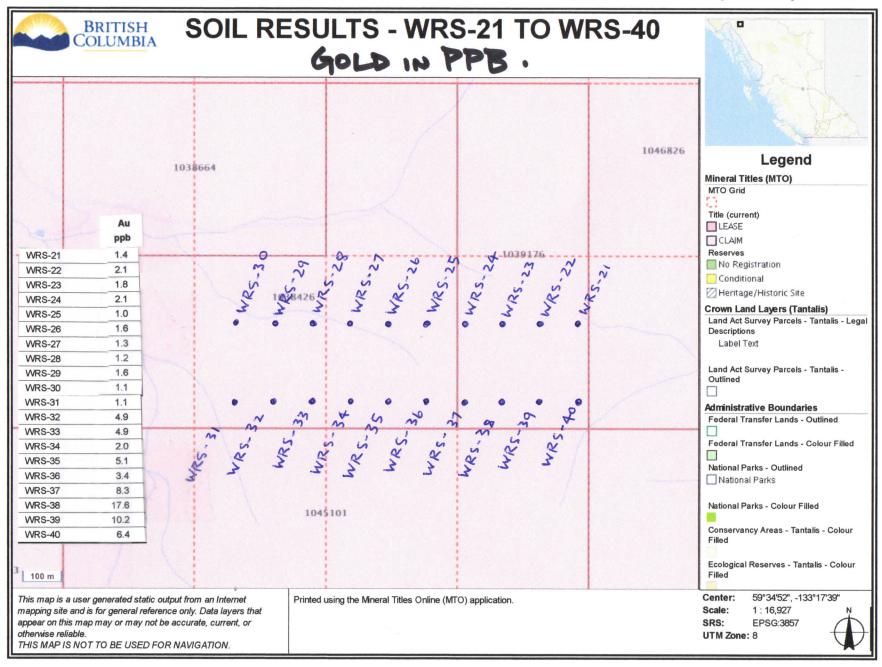
WRS-21 596903 6606096 50 CM Brown silty WRS-22 596800 6606100 40 CM Brown wet WRS-23 596701 6606100 40 CM Brown wet WRS-24 596602 6606100 40 CM Brown silty WRS-25 596500 6606103 40 CM Brown silty WRS-26 596398 6606097 50 CM Brown silty WRS-27 596300 6606099 50 CM Brown silty WRS-28 596200 6606099 45 CM Brown silty WRS-29 596100 6606103 50 CM Brown silty WRS-30 595998 6606100 45 CM Brown silty WRS-31 596040 6605897 40 CM Gray brown silt WRS-32 596121 6605902 35 CM Dark brown wet WRS-33 596201 6605900 40 CM Gray brown silt WRS-34 596300 6605900 45 CM Grey brown silt WRS-35 596399 6605904 50 CM Grey brown silt WRS-36 596500 6605900 45 CM Grey brown silt WRS-37 596601 6605901 35 CM Grey brown silt WRS-38 596702 6605900 35 CM Grey brown silt WRS-39 596800 6605904 30 CM Brown grey silt WRS-40 596901 6605904 30 CM Brown grey silt					
WRS-23         596701         6606100         40 CM         Brown wet           WRS-24         596602         6606100         40 CM         Brown silty           WRS-25         596500         6606103         40 CM         Brown silty           WRS-26         596398         6606097         50 CM         Brown silty           WRS-27         596300         6606099         50 CM         Brown silty           WRS-28         596200         6606099         45 CM         Brown silty           WRS-29         596100         6606103         50 CM         Brown silty           WRS-30         595998         6606100         45 CM         Brown silty           WRS-31         596040         6605897         40 CM         Gray brown silt           WRS-32         596121         6605902         35 CM         Dark brown wet           WRS-33         596201         6605900         40 CM         Gray brown silt           WRS-34         596300         6605900         45 CM         Grey brown silt           WRS-35         596399         6605900         45 CM         Grey brown silt           WRS-37         596601         6605901         35 CM         Grey brown silt <tr< td=""><td>WRS-21</td><td>596903</td><td>6606096</td><td>50 CM</td><td>Brown silty</td></tr<>	WRS-21	596903	6606096	50 CM	Brown silty
WRS-24         596602         6606100         40 CM         Brown silty           WRS-25         596500         6606103         40 CM         Brown silty           WRS-26         596398         6606097         50 CM         Brown silty           WRS-27         596300         6606099         50 CM         Brown silty           WRS-28         596200         6606099         45 CM         Brown silty           WRS-29         596100         6606103         50 CM         Brown silty           WRS-30         595998         6606100         45 CM         Brown silty           WRS-31         596040         6605897         40 CM         Gray brown silt           WRS-32         596121         6605902         35 CM         Dark brown wet           WRS-33         596201         6605900         40 CM         Gray brown silt           WRS-34         596300         6605900         45 CM         Grey brown silt           WRS-35         596399         6605904         50 CM         Grey brown silt           WRS-37         596601         6605901         35 CM         Grey brown silt           WRS-38         596702         6605900         35 CM         Grey brown silt	WRS-22	596800	6606100	40 CM	Brown silty
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WRS-27 596300 6606099 50 CM Brown silty WRS-28 596200 6606099 45 CM Brown silty WRS-29 596100 6606103 50 CM Brown silty WRS-30 595998 6606100 45 CM Brown silty WRS-31 596040 6605897 40 CM Gray brown silt WRS-32 596121 6605902 35 CM Dark brown wet WRS-33 596201 6605900 40 CM Gray brown silt WRS-34 596300 6605900 45 CM Grey brown silt WRS-35 596399 6605904 50 CM Grey brown silt WRS-36 596500 6605900 45 CM Grey brown silt WRS-37 596601 6605901 35 CM Grey brown silt WRS-38 596702 6605900 35 CM Grey brown silt WRS-39 596800 6605900 30 CM Brown grey silt	WRS-25	596500	6606103	40 CM	Brown silty
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WRS-29         596100         6606103         50 CM         Brown silty           WRS-30         595998         6606100         45 CM         Brown silty           WRS-31         596040         6605897         40 CM         Gray brown silt           WRS-32         596121         6605902         35 CM         Dark brown wet           WRS-33         596201         6605900         40 CM         Gray brown silt           WRS-34         596300         6605900         45 CM         Grey brown silt           WRS-35         596399         6605904         50 CM         Grey brown silt           WRS-36         596500         6605900         45 CM         Grey brown silt           WRS-37         596601         6605901         35 CM         Grey brown silt           WRS-38         596702         6605900         35 CM         Grey brown silt           WRS-39         596800         6605900         30 CM         Brown grey silt	WRS-27	596300	6606099	50 CM	Brown silty
WRS-30       595998       6606100       45 CM       Brown silty         WRS-31       596040       6605897       40 CM       Gray brown silt         WRS-32       596121       6605902       35 CM       Dark brown wet         WRS-33       596201       6605900       40 CM       Gray brown silt         WRS-34       596300       6605900       45 CM       Grey brown silt         WRS-35       596399       6605904       50 CM       Grey brown silt         WRS-36       596500       6605900       45 CM       Grey brown silt         WRS-37       596601       6605901       35 CM       Grey brown silt         WRS-38       596702       6605900       35 CM       Grey brown silt         WRS-39       596800       6605900       30 CM       Brown grey silt	WRS-28	596200	6606099	45 CM	Brown silty
WRS-31 596040 6605897 40 CM Gray brown silt WRS-32 596121 6605902 35 CM Dark brown wet WRS-33 596201 6605900 40 CM Gray brown silt WRS-34 596300 6605900 45 CM Grey brown silt WRS-35 596399 6605904 50 CM Grey brown silt WRS-36 596500 6605900 45 CM Grey brown silt WRS-37 596601 6605901 35 CM Grey brown silt WRS-38 596702 6605900 35 CM Grey brown silt WRS-39 596800 6605900 30 CM Brown grey silt	WRS-29	596100	6606103	50 CM	Brown silty
WRS-32       596121       6605902       35 CM       Dark brown wet         WRS-33       596201       6605900       40 CM       Gray brown silt         WRS-34       596300       6605900       45 CM       Grey brown silt         WRS-35       596399       6605904       50 CM       Grey brown silt         WRS-36       596500       6605900       45 CM       Grey brown silt         WRS-37       596601       6605901       35 CM       Grey brown silt         WRS-38       596702       6605900       35 CM       Grey brown silt         WRS-39       596800       6605900       30 CM       Brown grey silt	WRS-30	595998	6606100	45 CM	Brown silty
WRS-33       596201       6605900       40 CM       Gray brown silt         WRS-34       596300       6605900       45 CM       Grey brown silt         WRS-35       596399       6605904       50 CM       Grey brown silt         WRS-36       596500       6605900       45 CM       Grey brown silt         WRS-37       596601       6605901       35 CM       Grey brown silt         WRS-38       596702       6605900       35 CM       Grey brown silt         WRS-39       596800       6605900       30 CM       Brown grey silt	WRS-31	596040	6605897	40 CM	Gray brown silt
WRS-34 596300 6605900 45 CM Grey brown silt WRS-35 596399 6605904 50 CM Grey brown silt WRS-36 596500 6605900 45 CM Grey brown silt WRS-37 596601 6605901 35 CM Grey brown silt WRS-38 596702 6605900 35 CM Grey brown silt WRS-39 596800 6605900 30 CM Brown grey silt	WRS-32	596121	6605902	35 CM	Dark brown wet
WRS-35       596399       6605904       50 CM       Grey brown silt         WRS-36       596500       6605900       45 CM       Grey brown silt         WRS-37       596601       6605901       35 CM       Grey brown silt         WRS-38       596702       6605900       35 CM       Grey brown silt         WRS-39       596800       6605900       30 CM       Brown grey silt	WRS-33	596201	6605900	40 CM	Gray brown silt
WRS-36       596500       6605900       45 CM       Grey brown silt         WRS-37       596601       6605901       35 CM       Grey brown silt         WRS-38       596702       6605900       35 CM       Grey brown silt         WRS-39       596800       6605900       30 CM       Brown grey silt	WRS-34	596300	6605900	45 CM	Grey brown silt
WRS-37 596601 6605901 35 CM Grey brown silt WRS-38 596702 6605900 35 CM Grey brown silt WRS-39 596800 6605900 30 CM Brown grey silt	WRS-35	596399	6605904	50 CM	Grey brown silt
WRS-38 596702 6605900 35 CM Grey brown silt WRS-39 596800 6605900 30 CM Brown grey silt	WRS-36	596500	6605900	45 CM	Grey brown silt
WRS-39 596800 6605900 30 CM Brown grey silt	WRS-37	596601	6605901	35 CM	Grey brown silt
0 /	WRS-38	596702	6605900	35 CM	Grey brown silt
WRS-40 596901 6605904 30 CM Brown silt	WRS-39	596800	6605900	30 CM	Brown grey silt
	WRS-40	596901	6605904	30 CM	Brown silt

# **RESULTS**

For the purposes of this report, any gold value greater than 15 ppb was considered anomalous. Of the 40 soil samples analyzed, only 3 returned gold values above that threshold.



MAP4



MAP 5.

They were WRS-06 at 16.3 ppb, WRS-14 at 20.7 ppb and WRS-38 at 17.6 ppb.

# **CONCLUSIONS AND RECOMMENDATIONS**

The 3 low order isolated anomalous soil values returned in the 2016 survey do not indicate any trend. Further work should focus on the southern portion of the property, which covers the divide between Wright and Otter Creeks. Recent placer mining on Otter Creek has recovered an estimated 100,000 ounces of placer gold, some of which has quartz attached, indicating a nearby hardrock source.

# **ANALYTICAL RESULTS - APPENDIX A**



Bureau Veritas Commodities Canada Ltd. 9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada PHONE (604) 253-3158 Client:

**Brian Scott** 

**Box** 77

Tagish Yukon Y0B 1T0 Canada

Submitted By:

**Brian Scott** 

Receiving Lab: Received: Canada-Whitehorse

Report Date:

August 31, 2016 September 21, 2016

Page:

1 of 3

# **CERTIFICATE OF ANALYSIS**

### WHI16000230.1

#### **CLIENT JOB INFORMATION**

Project:

None Given

Shipment ID:

P.O. Number

Number of Samples:

40

#### SAMPLE DISPOSAL

DISP-PLP

Dispose of Pulp After 90 days

PICKUP-RJT

Client to Pickup Rejects

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:

**Brian Scott** 

**Box 77** 

Tagish Yukon Y0B 1T0

Canada

#### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	40	Dry at 60C			WHI
SS80	40	Dry at 60C sieve 100g to -80 mesh			WHI
SVRJT	40	Save all or part of Soil Reject			WHI
AQ201	40	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	40	Per sample shipping charges for branch shipments			VAN

#### **ADDITIONAL COMMENTS**







Client:

**Brian Scott** 

Box 77

Tagish Yukon Y0B 1T0 Canada

Project:

None Given

Report Date:

September 21, 2016

Bureau Veritas Commodities Canada Ltd.

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

Page:

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Part: 2 of 2

# **CERTIFICATE OF ANALYSIS**

# WHI16000230.1

	Method	AQ201															
	Analyte	Cr	Mg	Ва	Ti	В	Al	Na	K	W	Hg	Sc	TI	s	Ga	Se	Те
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
WRS-01 Soil		34	0.63	134	0.085	<1	1.06	0.005	0.08	<0.1	0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
WRS-02 Soil		38	0.85	194	0.089	<1	1.50	0.007	0.09	<0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
WRS-03 Soil		46	1.10	191	0.088	<1	1.77	0.006	0.09	<0.1	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
WRS-04 Soil		39	1.33	218	0.202	<1	2.32	0.005	0.15	<0.1	0.01	5.9	<0.1	<0.05	9	<0.5	<0.2
WRS-05 Soil		44	1.08	136	0.163	<1	1.95	0.005	0.10	<0.1	0.02	3.6	0.1	<0.05	7	<0.5	<0.2
WRS-06 Soil		29	0.69	223	0.080	<1	1.02	0.004	0.16	<0.1	0.01	2.5	0.2	<0.05	4	<0.5	<0.2
WRS-07 Soil		42	0.87	188	0.099	<1	1.50	0.005	0.08	<0.1	0.01	3.6	0.1	<0.05	5	<0.5	<0.2
WRS-08 Soil		56	0.96	171	0.118	<1	1.64	0.005	0.11	<0.1	0.01	3.7	0.1	<0.05	5	<0.5	<0.2
WRS-09 Soil		29	0.73	140	0.084	<1	1.31	0.005	0.07	<0.1	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
WRS-10 Soil		44	1.01	185	0.093	<1	1.75	0.006	0.07	<0.1	0.01	3.7	<0.1	<0.05	6	<0.5	<0.2
WRS-11 Soil		39	1.02	208	0.101	<1	1.84	0.006	0.29	<0.1	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
WRS-12 Soil		32	0.83	149	0.092	<1	1.45	0.006	0.07	<0.1	0.01	3.3	0.1	<0.05	5	0.7	<0.2
WRS-13 Soil		38	1.25	146	0.152	<1	2.23	0.005	0.11	<0.1	0.01	4.9	0.1	<0.05	8	0.6	<0.2
WRS-14 Soil		34	0.74	123	0.067	<1	1.20	0.005	0.08	<0.1	0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
WRS-15 Soil		44	1.19	217	0.129	<1	2.25	0.006	0.08	<0.1	0.02	5.3	<0.1	<0.05	8	<0.5	<0.2
WRS-16 Soil		53	1.02	152	0.086	<1	1.47	0.007	0.11	<0.1	0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
WRS-17 Soil		49	1.27	187	0.115	<1	2.13	0.007	0.15	<0.1	0.01	4.2	0.1	<0.05	6	<0.5	<0.2
WRS-18 Soil		24	1.20	301	0.099	<1	2.73	0.007	0.14	<0.1	0.02	4.0	0.1	<0.05	9	0.6	<0.2
WRS-19 Soil		35	0.37	189	0.026	<1	1.18	0.005	0.06	<0.1	0.04	1.6	0.2	<0.05	4	0.8	<0.2
WRS-20 Soil		24	0.42	176	0.046	<1	0.82	0.004	0.05	<0.1	0.01	2.3	<0.1	<0.05	2	<0.5	<0.2
WRS-21 Soil		23	0.60	101	0.040	<1	1.28	0.002	0.04	<0.1	0.01	1.5	0.1	<0.05	3	<0.5	<0.2
WRS-22 Soil		26	0.70	135	0.067	<1	1.19	0.004	0.12	<0.1	<0.01	2.4	0.1	<0.05	4	<0.5	<0.2
WRS-23 Soil		42	0.82	144	0.056	<1	1.81	0.004	0.06	<0.1	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
WRS-24 Soil		29	0.88	198	0.095	<1	1.61	0.005	0.13	<0.1	0.02	3.2	0.2	<0.05	5	<0.5	<0.2
WRS-25 Soil		36	0.83	148	0.075	<1	1.71	0.004	0.10	<0.1	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
WRS-26 Soil		33	0.66	160	0.053	<1	1.65	0.004	0.08	<0.1	0.03	2.4	0.2	<0.05	5	0.6	<0.2
WRS-27 Soil		31	0.65	164	0.065	<1	1.59	0.004	0.07	<0.1	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
WRS-28 Soil		39	0.83	159	0.097	<1	1.73	0.005	0.12	<0.1	0.01	3.4	0.2	<0.05	5	<0.5	<0.2
WRS-29 Soil		71	0.95	296	0.073	<1	1.54	0.006	0.10	<0.1	0.02	4.6	0.2	<0.05	4	<0.5	<0.2
WRS-30 Soil		36	0.67	157	0.082	<1	1.40	0.005	0.15	<0.1	0.01	3.2	0.2	<0.05	4	<0.5	<0.2

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.



Client:

**Brian Scott** 

Box 77

Tagish Yukon Y0B 1T0 Canada

Project:

None Given

Report Date:

September 21, 2016

Bureau Veritas Commodities Canada Ltd.

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

Page:

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Part: 1 of 2

# **CERTIFICATE OF ANALYSIS**

### WHI16000230.1

	Method A0201																				
	Analyte	71420	AQ201	AQ201		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201		AQ201
	Uni	.]	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	MDI	. ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	0.001	ppm 1
WRS-01	Soil	3.8	47.7	5.2	70	<0.1	37.4	10.7	366	2.52	3.9	1.6	2.4	12	0.2	0.6	0.2	40	0.21	0.084	10
WRS-02	Soil	3.3	44.8	5.1	72	<0.1	41.2	13.4	412	3.18	4.6	2.0	1.9	17	0.2	0.5	0.2	49	0.30	0.113	11
WRS-03	Soil	3.1	52.1	5.1	80	<0.1	57.8	18.1	521	3.43	9.4	2.4	2.1	19	0.3	0.6	0.1	55	0.31	0.115	12
WRS-04	Soil	2.4	65.2	4.8	82	<0.1	48.3	22.9	592	4.52	6.2	5.7	2.3	22	0.3	0.5	0.1	94	0.40	0.111	11
WRS-05	Soil	3.5	58.0	5.4	84	<0.1	50.9	18.6	557	3.93	6.3	2.2	1.8	13	0.2	0.6	0.1	66	0.23	0.076	10
WRS-06	Soil	4.4	54.3	5.1	82	0.2	50.5	16.8	1363	2.35	4.3	16.3	1.5	11	0.4	0.6	0.1	36	0.16	0.052	6
WRS-07	Soil	3.7	59.1	6.1	79	<0.1	50.2	15.4	532	3.18	6.1	3.3	1.5	12	0.2	0.6	0.1	54	0.20	0.059	10
WRS-08	Soil	3.0	57.5	5.2	76	<0.1	58.3	15.7	525	3.29	5.9	3.7	1.6	11	0.2	0.5	0.1	61	0.20	0.067	9
WRS-09	Soil	2.7	48.9	5.2	62	<0.1	36.4	11.6	361	2.69	6.0	1.7	1.7	13	<0.1	0.5	0.1	45	0.22	0.071	10
WRS-10	Soil	2.4	39.7	4.0	90	<0.1	39.7	12.7	324	3.04	4.4	2.4	1.1	16	0.1	0.4	0.1	56	0.36	0.096	11
WRS-11	Soil	3.3	78.9	7.0	96	0.2	54.7	20.2	796	3.78	6.0	0.6	1.3	13	0.3	0.5	0.1	63	0.21	0.097	11
WRS-12	Soil	2.8	56.0	5.1	76	<0.1	43.2	14.6	436	3.10	6.2	2.1	1.5	14	0.2	0.5	0.1	51	0.20	0.080	10
WRS-13	Soil	2.8	58.9	6.2	86	<0.1	45.6	19.2	601	4.12	10.6	5.6	1.5	14	0.2	0.6	0.1	81	0.25	0.087	12
WRS-14	Soil	2.9	54.0	4.9	79	0.1	46.8	14.2	426	2.76	7.5	20.7	2.1	18	0.3	0.6	0.1	39	0.26	0.109	10
WRS-15	Soil	2.2	53.7	5.7	87	<0.1	50.4	18.0	450	4.06	9.4	1.6	1.7	17	0.2	0.6	0.1	79	0.30	0.093	15
WRS-16	Soil	3.0	45.1	5.0	75	<0.1	56.8	15.8	452	3.20	7.0	2.5	1.9	22	0.2	0.5	0.1	53	0.36	0.131	13
WRS-17	Soil	3.4	62.7	5.6	93	<0.1	60.4	18.2	541	4.04	7.3	1.8	2.2	19	0.3	0.6	0.1	60	0.33	0.124	13
WRS-18	Soil	2.0	34.2	9.5	99	<0.1	31.1	19.1	939	5.04	3.8	<0.5	2.1	39	0.3	0.3	0.1	63	0.83	0.370	21
WRS-19	Soil	7.1	50.8	7.7	69	0.3	31.0	7.7	359	2.53	6.5	1.9	0.4	9	0.2	0.8	0.2	38	0.04	0.073	11
WRS-20	Soil	3.8	53.4	5.2	67	0.1	36.8	8.9	310	1.97	4.6	3.1	2.1	8	0.2	0.7	0.1	26	0.07	0.030	9
WRS-21	Soil	1.7	56.7	4.5	71	<0.1	35.7	8.2	203	2.00	4.5	1.4	0.4	4	<0.1	0.4	<0.1	26	0.06	0.025	5
WRS-22	Soil	2.7	54.4	5.6	73	<0.1	37.9	12.9	552	2.52	4.9	2.1	1.7	10	0.3	0.5	0.1	33	0.17	0.066	ξ
WRS-23	Soil	2.3	48.5	6.7	76	<0.1	44.9	13.2	533	2.95	5.2	1.8	0.7	8	0.3	0.5	0.2	46	0.11	0.053	11
WRS-24	Soil	2.6	51.9	6.0	80	0.1	39.5	16.3	817	3.18	6.2	2.1	1.3	11	0.3	0.5	0.1	47	0.18	0.060	11
WRS-25	Soil	3.6	57.4	6.6	88	0.1	47.0	14.5	494	3.09	6.5	1.0	1.1	10	0.3	0.7	0.1	47	0.15	0.067	10
WRS-26	Soil	3.5	64.7	7.0	86	0.1	44.8	11.6	372	2.90	6.1	1.6	0.7	9	0.3	0.7	0.2	43	0.10	0.051	11
WRS-27	Soil	2.5	42.2	6.2	72	<0.1	33.7	11.0	402	2.88	5.7	1.3	0.6	7	0.2	0.5	0.1	48	0.08	0.046	10
WRS-28	Soil	3.1	55.6	6.2	80	<0.1	49.3	16.3	483	3.29	6.6	1.2	1.6	10	0.2	0.6	0.1	54	0.17	0.059	11
WRS-29	Soil	2.5	76.3	8.5	91	<0.1	141.3	18.9	665	2.81	6.3	1.6	2.7	13	0.3	0.7	0.1	44	0.16	0.039	13
WRS-30	Soil	3.9	71.7	6.8	90	0.1	64.9	16.1	687	2.97	6.8	1.1	2.3	12	0.3	0.7	0.1	45	0.18	0.085	10

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.



Client:

**Brian Scott** 

Box 77

Tagish Yukon Y0B 1T0 Canada

Project:

None Given

Report Date:

September 21, 2016

Bureau Veritas Commodities Canada Ltd.

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

Page:

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Part: 2 of 2

# **CERTIFICATE OF ANALYSIS**

# WHI16000230.1

		Method	AQ201															
		Analyte	Cr	Mg	Ва	Ti	В	AI	Na	K	W	Hg	Sc	TI	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
WRS-31	Soil		28	0.83	177	0.100	<1	1.54	0.006	0.10	<0.1	0.02	3.5	0.1	<0.05	5	<0.5	<0.2
WRS-32	Soil		26	0.86	169	0.068	<1	1.56	0.004	0.07	<0.1	0.01	2.7	0.1	<0.05	5	<0.5	<0.2
WRS-33	Soil		23	0.77	119	0.082	<1	1.42	0.006	0.07	<0.1	<0.01	2.5	0.1	<0.05	4	<0.5	<0.2
WRS-34	Soil		26	0.75	145	0.053	<1	1.66	0.005	0.10	<0.1	0.02	1.9	0.2	<0.05	5	0.5	<0.2
WRS-35	Soil		19	0.81	173	0.082	<1	1.30	0.008	0.11	<0.1	0.02	2.7	0.2	<0.05	4	<0.5	<0.2
WRS-36	Soil		37	1.30	186	0.122	<1	2.11	0.006	0.33	<0.1	0.02	3.6	0.2	<0.05	7	<0.5	<0.2
WRS-37	Soil		30	1.04	160	0.124	1	2.26	0.011	0.21	<0.1	0.03	3.5	0.2	<0.05	8	<0.5	<0.2
WRS-38	Soil		23	1.14	123	0.094	<1	2.13	0.005	0.11	<0.1	0.01	2.9	0.2	<0.05	7	<0.5	<0.2
WRS-39	Soil		20	0.79	143	0.063	<1	1.49	0.003	0.19	<0.1	0.03	1.6	0.3	<0.05	5	1.4	<0.2
WRS-40	Soil		31	0.90	166	0.069	<1	1.65	0.004	0.10	<0.1	0.03	3.0	0.2	<0.05	5	0.8	<0.2



Client:

**Brian Scott** 

Box 77

Tagish Yukon Y0B 1T0 Canada

Project:

None Given

Report Date:

September 21, 2016

Bureau Veritas Commodities Canada Ltd.

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

Page:

3 of 3

Part: 1 of 2

## CERTIFICATE OF ANALYSIS

CERTIFICATE OF ANALYSIS																VV	HI16	SUUL	)230	.1		
		Method	AQ201																			
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Са	P	La
		Unit	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm							
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
WRS-31	Soil		3.0	58.8	5.7	76	0.1	41.6	14.1	432	2.89	4.7	1.1	2.0	14	0.2	0.5	0.1	49	0.23	0.063	10
WRS-32	Soil		3.9	45.2	5.9	79	0.1	34.7	11.8	263	3.02	3.7	4.9	1.5	14	<0.1	0.4	0.1	47	0.32	0.074	10
WRS-33	Soil		3.8	49.6	6.7	80	0.1	33.5	10.9	180	2.76	4.6	4.9	2.2	14	<0.1	0.4	0.1	45	0.27	0.067	10
WRS-34	Soil		3.9	50.4	6.6	81	0.1	37.0	14.3	354	3.30	5.3	2.0	0.4	12	0.2	0.6	0.1	55	0.16	0.085	11
WRS-35	Soil		3.0	80.7	5.8	117	0.1	44.8	18.4	683	3.28	5.7	5.1	2.0	19	0.4	0.5	<0.1	40	0.37	0.111	10
WRS-36	Soil		2.3	56.0	11.4	112	0.2	51.1	20.6	503	4.55	8.8	3.4	1.8	23	0.2	0.4	<0.1	60	0.52	0.159	13
WRS-37	Soil		2.1	46.9	5.6	100	0.1	37.8	14.7	367	4.00	6.8	8.3	1.2	21	0.1	0.3	0.2	71	0.36	0.154	13
WRS-38	Soil		2.6	40.8	6.8	99	0.1	34.1	13.9	493	4.09	8.2	17.6	0.9	9	0.2	0.4	0.2	57	0.18	0.081	10
WRS-39	Soil		4.4	50.0	6.5	60	0.1	19.2	6.4	254	2.46	2.7	10.2	0.5	5	0.1	0.6	0.2	37	0.06	0.051	6
WRS-40	Soil		3.5	87.2	6.8	93	0.2	46.7	15.4	674	3.20	9.8	6.4	1.1	8	0.5	0.5	0.2	41	0.17	0.076	11

# **APPENDIX B - STATEMENT OF EXPENSES**

TOTAL	\$3901.90
Report and drafting - 2 days @\$450/d	900.00
Assays	1058.40
Mileage 4X4 truck - 740 km @\$0.65/km	481.00
Supplies (bags, flagging, batteries	62.50
Camp costs - 2 days @ \$125/d	250.00
ATV - 2 days @ \$125/d	250.00
Soil sampling – 2 days @ \$450/d	\$900.00

# **APPENDIX C – STATEMENT OF QUALIFICATIONS**

I, Brian Scott, do hereby certify that I have prospected and placer mined in the Yukon and northern BC for the last 37 years. I have also completed the following coursework, Basic Prospecting – 1977, Advanced Prospecting – 1988, and Petrology for Prospectors 2004. I personally completed all the work described in this report.

Pu Sutt.

Sept 30, 2016

# **APPENDIX D - REFERENCES**

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