



**BC Geological Survey  
Assessment Report  
37923**



Ministry of Energy and Mines  
BC Geological Survey

**ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY**

TITLE OF REPORT [type of survey(s)]	TOTAL COST
	\$34,421.00

AUTHOR(S) Nicholas Rodway SIGNATURE(S) Nick Rodway

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) 57 16771 YEAR OF WORK 2018

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) \_\_\_\_\_

PROPERTY NAME Blue Property

CLAIM NAME(S) (on which work was done) 1056707, 1057034

COMMODITIES SOUGHT Cu-Au-Co

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 104M 022

MINING DIVISION Atlin NTS 104/01

LATITUDE \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " LONGITUDE \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " (at centre of work)

OWNER(S)  
 1) Zimtu Capital Corp. 2) \_\_\_\_\_  
UTM zone 8 NAD 83 6565250N  
550150E

MAILING ADDRESS  
1450-789 west Pender Street  
Vancouver, B.C (V6C 1H2)

OPERATOR(S) [who paid for the work]  
 1) Zimtu Capital Corp. 2) \_\_\_\_\_

MAILING ADDRESS  
Same

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and altitude):  
Upper Triassic Stuhini dolomitic limestone, skarn, porphyry, copper

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS  
ARIS 563, 4996, 4996, 5295, 9162, 10181, 19887, 20134, 58747

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping	11 square kilometers		
Photo interpretation			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
<b>GEOCHEMICAL</b>			
(number of samples analysed for ...)			
Soil			
Silt			
Rock	28 samples		
Other			
<b>DRILLING</b>			
(total metres; number of holes, size)			
Core			
Non-core			
<b>RELATED TECHNICAL</b>			
Sampling/assaying			\$34,421.00
Petrographic			
Mineralographic			
Metallurgic			
<b>PROSPECTING (scale, area)</b>			
<b>PREPARATORY/PHYSICAL</b>			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
<b>TOTAL COST</b>			<b>\$34,421.00</b>

**Assessment Report**  
**On the Geological Sampling of**  
**The Blue Property**

Mineral Licenses

1056707, 1057034

Atlin Mining Division, British Columbia, Canada

NTS Map 104/01

UTM Zone 8 (NAD83)

6565251 N

550150 E

Total Expenditures = \$31,971.00

Prepared for:

Zimtu Capital Corp.

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Prepared by:

Nicholas Rodway, P. Geo.

July 18<sup>th</sup>, 2019

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# 1 SUMMARY

Zimtu Capital Corp. undertook a reconnaissance program on the Blue Property (the “property”) from September 7<sup>th</sup> to September 11<sup>th</sup>, 2018. The program consisted of helicopter reconnaissance over the claims and the collection of 28 rock grab samples.

The property is located in northwestern British Columbia, approximately 48 kilometers southwest of Atlin. The property can be accessed via Atlin by boat in the summer, snowmobile in winter or 25-minute round trip bush plane or helicopter ride.

The property consists of two mineral licenses encompassing an area of 11.3 km<sup>2</sup> in the Atlin Mining Division of British Columbia. The center of the property is located at 6565251 N, 550150 E, UTM Zone 8 (NAD83) map sheet 104/01.

The Blue Property has had a long history of exploration from the early 1900’s to late 1900’s. In this time, the property has been explored by several groups in the attempt to prove up economic grades and tonnage of both the high-grade skarn and copper porphyry-type mineralization styles.

The 2018 field program consisted of the collection of 28 rock grab samples. 4 grab samples from bed rock in the historical “French Adit” sampled every 10-12 meters. 6 Grab samples from the exterior area of the French Adit (rubble from potential mine dump) and 2 samples from bedrock 10 meters south of the French Adit. 11 samples were taken from bedrock in the area of the historical “North Adit”. 5 samples from areas of the northern most extent of the property. All areas of sampling returned very promising values. Rocks from the French Adit area assayed up to 1.56 g/t gold, 43.3 g/t silver and 8.46% copper. Rocks from the North Adit area assayed up to 1.57 g/t gold, 46.5 g/t silver and 1.86% copper.

Recommendations for the Blue Property include excavation of the North Adit to gain access, the execution of a high-resolution geophysical survey followed by a complex geological structural analysis of the North and French Adit areas. Upon positive results, drilling is recommended.

## 2 INTRODUCTION AND TERMS OF REFERENCE

This report has been written to fulfill the requirements for filing assessment work under the British Columbia Mineral Tenure Act. It describes the exploration undertaken on the Blue Property. This report is not compliant with National Instrument 43-101 and Form 43-101F1 and should not be used as a “Technical Report” under National Instrument 43-101.

Units of measurement in this report are quoted in both the metric and imperial system for ease of location comparison to historical assessment reports. Assay and analytical results are quoted in parts per million (ppm) or percent (%).

## 3 PROPERTY DESCRIPTION & LOCATION

The Blue Property is located in northwestern British Columbia, approximately 48 kilometers southwest of Atlin.

The property consists of two mineral licenses; Mineral license 1056707 and 1057034, consisting of 99.39 and 1027.10 Ha respectively. Zimtu is the sole registered claim owner. Table 1 below summarizes the claim data while a map of the property can be seen in Figure 1.

*Table 1: List of licenses for Blue Property*

<b>Title Number</b>	<b>Claim Name</b>	<b>Owner</b>	<b>Title Type</b>	<b>Map Number</b>	<b>Issue Date</b>	<b>Good To Date</b>	<b>Area (ha)</b>
1056707	BLUE	248281 (100%)	Mineral	104M	2017/NOV/29	2018/NOV/29	99.3901
1057034	BLUE 2.0	248281 (100%)	Mineral	104M	2017/DEC/15	2018/DEC/15	1027.1011

The mineral rights apply to minerals hosted in the bedrock directly beneath the claim boundaries. The on-line staking procedure means that the claim cells are located on the government UTM grid NAD 83 across the province of British Columbia and thus there is no chance for over staking (duplication of title) or fractional unclaimed areas. No monuments are placed in the field. Claims are good for 1 year from granting of the title. An annual assessment report associated with an exploration requirement fee is mandatory to keep claims in good standing. Payment in Lou is accepted for 2 times the exploration requirement expenditure for 1<sup>st</sup> and 2<sup>nd</sup> years.

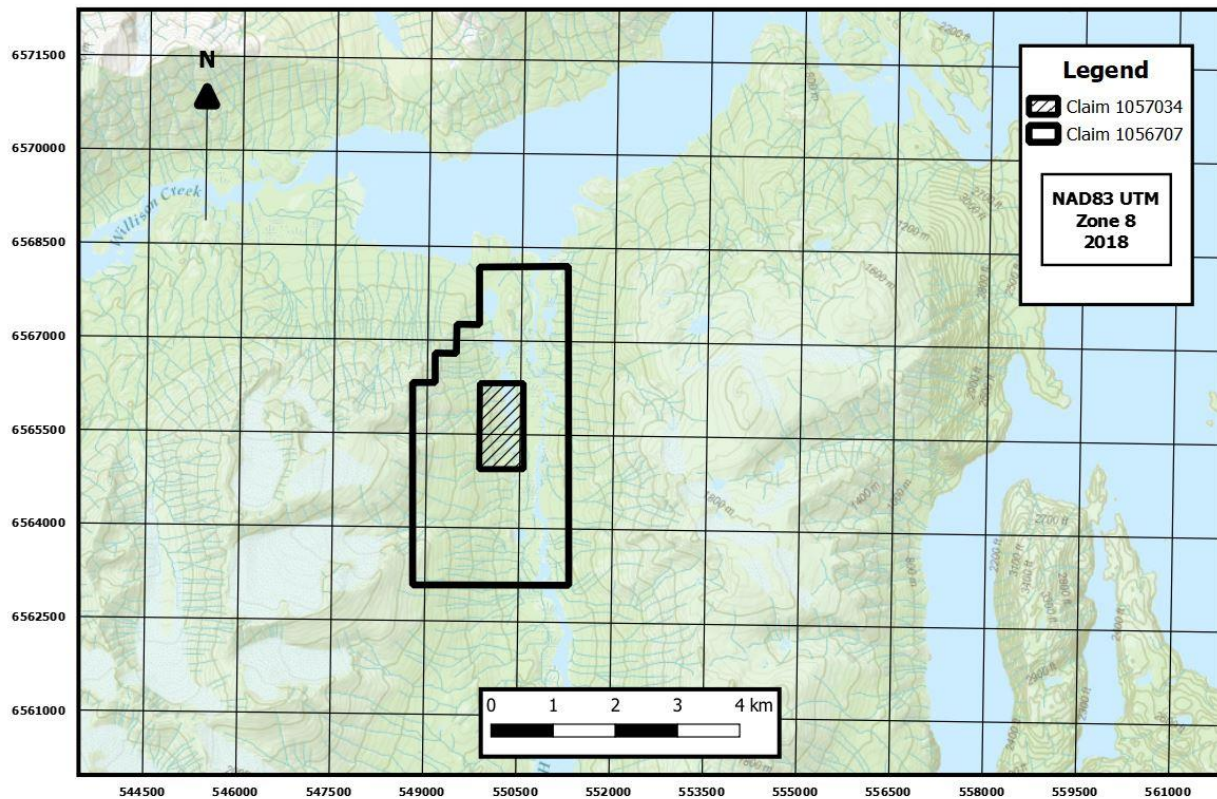


Figure 1: Map of Claims for The Blue Property

## 4 ACCESSIBILITY, CLIMATE, PHYSIOGRAPHY, LOCAL RESOURCES, AND INFRASTRUCTURE

### 4.1 Accessibility

The property is located in northwestern British Columbia, approximately 48 kilometers southwest of Atlin. The property can be accessed via Atlin by boat in the summer through Torres Channel and Willison Bay, snowmobile in winter or 25-minute round trip bush plane or helicopter ride for most of the year. The property was accessed by helicopter for the 2018 program.

Construction of a one-kilometer road from Willison Bay up (south) Hoboe Creek would be required for mineral extraction via Atlin Lake or a road around Willison Bay with a link to the Whitehorse-Skagway Highway via Canada Customs at Fraser B.C on the White Pass- Yukon Railway.



## 4.2 Climate & Vegetation

The property is located in a northern continental climate with cool, moderately wet summers and cold snowy winters. The valley bottoms consist chiefly of marshland and flood plain with lower slopes of the mountains in the area mostly forested with spruce, pine, fir and alder. Sub alpine areas consist of, cedar, fir, pine, trembling aspen and birch. The transition between the base of the Hoboe Creek slopes and the marshland is mostly covered by alder, willow and other shrub vegetation. Relatively dry soils are common on well drained glaciofluvial terraces in the area and does not support trees in many areas. Bedrock outcrops are relatively uncommon in the valley bottoms and on gentle slopes, but they are common on steep slopes and in cirque basins. Glacial sediments are widespread in the area and support vegetation even at high elevations. Grasses that support several herds of caribou and moose have been observed in the region. It is not uncommon to see mountain goats on the many mountaintops and ridges. Elevation ranges from 670 to 2,150 meters above sea level. See Figures 2 and 3 for pictures of Hoboe Creek.



*Figure 2: South Hoboe Creek*



*Figure 3: Hoboe Creek looking North*

#### 4.3 Local Resources & Infrastructure

The nearest town is Atlin, some 48 km (as the crow fly's) north east of the property. Some heavy equipment and operator services are available there, as well as transportation, food, and accommodation. More complete services, including drilling and mining contractors, are available 170 km to the north in Whitehorse, Yukon, an active mining town.

There is no existing power or other facilities on the property. Water is readily available from numerous ponds in Hoboe Creek and Atlin lake would also be an available source of water. Figure 4 shows a map of the nearest communities.



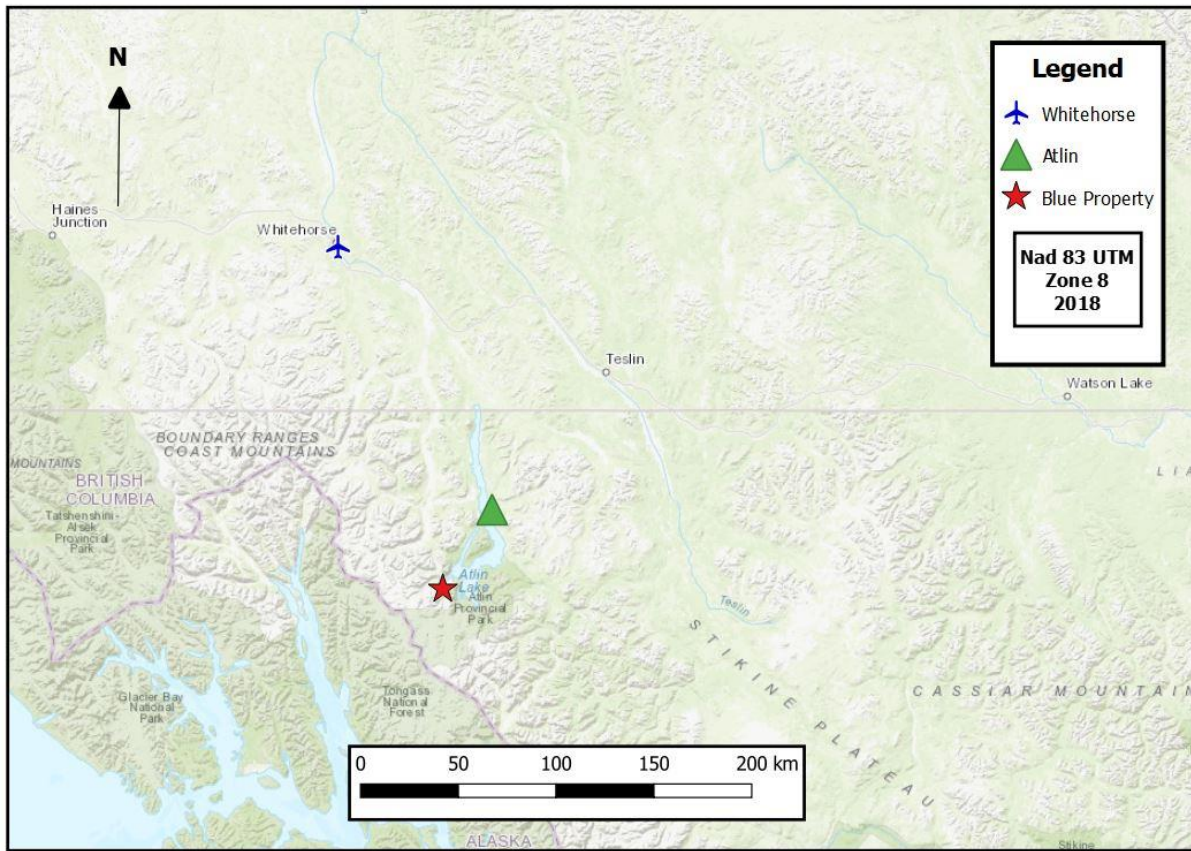


Figure 4: Regional Location map of The Blue Property

#### 4.4 Physiography

The property lies on the western side of Hoboe Creek at the base of a steep bluff. The creek flows to the north in a swampy beaver dammed valley (Figure 3). The valley is fed by water and glaciofluvial sediments from the Llewellyn Glacier and deposited into Willison Bay at the southern end of Atlin Lake. The valley in Hoboe Creek is highly glaciated with steep sides (Figure 5). It is being rapidly silted up from northward flowing debris. The base of the valley is about 670 meters in elevation and the mountain peaks can reach up to 2,150 meters (Savell, 1982).



*Figure 5: Steep west side of Hoboe Creek*

## 5 HISTORY

The property has undergone multiple exploration programs since the early 1900's. Most of the work revolved around the skarn and porphyry mineralization evident in the area.

The table below briefly illustrates the exploration over the last 120 years.

Table 2: Historical Work

Year	Company	Work Completed
1899 - 1918	Laverdiere Brothers	Prospecting, trenching, drifting- (3 adits totaling ~120 m)
1950	University of B.C (E. Livingston)	Petrography on North Adit
1948 - 1956	Conwest	Geological mapping and sampling of adits
1956 - 1964	Bethlehem Copper	Not Available
1964 - 1969	Cominco	Geological mapping, magnetometer survey diamond drilling (5 holes totaling ~154 m)
1969 - 1973	Centex Mines	Geological mapping, diamond drilling (2 holes totaling ~48 m)
1973 - 1976	Rio Plata Silver Mines	Topo mapping, airborne magnetic survey, petrography and diamond drilling (2 holes totaling ~610 m)
1976 - 1979	Whitehorse Copper	Relogging drill core
1979 -1982	Noranda Exploration Company Ltd	Relogging, assaying drill core
1989 - 1990	Pacific Sentinel Gold Corp	Minor recon at north end of property (Callaghan Showing)
2018	Zimtu Capital Corp.	Rock sampling of North Adit and French Adit area

An academic thesis written in 1950 by E. Livingston out of the University of British Columbia confirmed the presence of a cobalt bearing mineral in petrography. The cobalt was determined to be associated with a magnetite skarn in the north end of the property (from inside the North Adit). It is stated in the paper that the “North Adit” assayed 3.0 feet of 0.60% cobalt. The exact location is unknown and laboratory certificates are not available. In the early 1900’s the “French Adit” was excavated at a grade of 27.0 meters of 1.20% Cu. Drilling in 1974, 125.0 meters north assayed 175.0 meters of 0.27% copper, including 6.0 meters of 1.60% Cu and 7.80 meters at 1.60% Cu (Macdonald, 1981).

## 6 GEOLOGICAL SETTING & MINERALISATION

### 6.1 Regional Geology & Structure

The Blue Property is situated south of Willison Bay near the Intermontane Belt and the Coast Plutonic Complex. This area is characterized by deformed Proterozoic to Paleozoic aged sub-amphibolite facies metamorphic rock assigned to the Nisling assemblage and mafic volcanics of the Upper Triassic Stuhini Group, all of which have been intruded and are dominated by granitic rocks of varying ages (Jackson, Gehrels, & Patchett, 1990). The oldest of the rocks in the area are biotite-quartz-feldspar schists, marble and limestones belonging to the Nisling assemblage. In fault contact with these rocks are sheared basalts assigned to the Stuhini Group. Intrusions of foliated hornblende, biotite granite and granodiorite are Paleozoic, Cretaceous, and Eocene in age respectively (Dynes & Wetherill, 1990). See Figure 7 for geology overview map.

The most prominent structure in the area is the Llewellyn fault zone which trends northwest-southeast under Willison Bay and down Hoboe Creek. The zone marks the western extent of the Nisling assemblage rocks. (Mihalynuk, Currie, & Rose, 1988). This area is known to host economic grades of gold mineralization 25 km to the northwest at the historical Engineer Mine.

### 6.2 Local Geology & Mineralization

The property has numerous exposures of limestone beds and has massive magnetite at the base of the western side of Hoboe Creek capped by granite. The contact is heavily mineralized and can be seen readily in some areas of the western side of Hoboe Creek. About 200 meters of heavily mineralized massive magnetite with stringers of chalcopyrite, bornite, green copper staining and serpentine gangue can be seen on the west side of Hoboe Creek. The rocks are highly magnetic and very dense. See figure 6 and 7 below.





*Figure 6: Massive magnetite mineralized with anomalous copper*



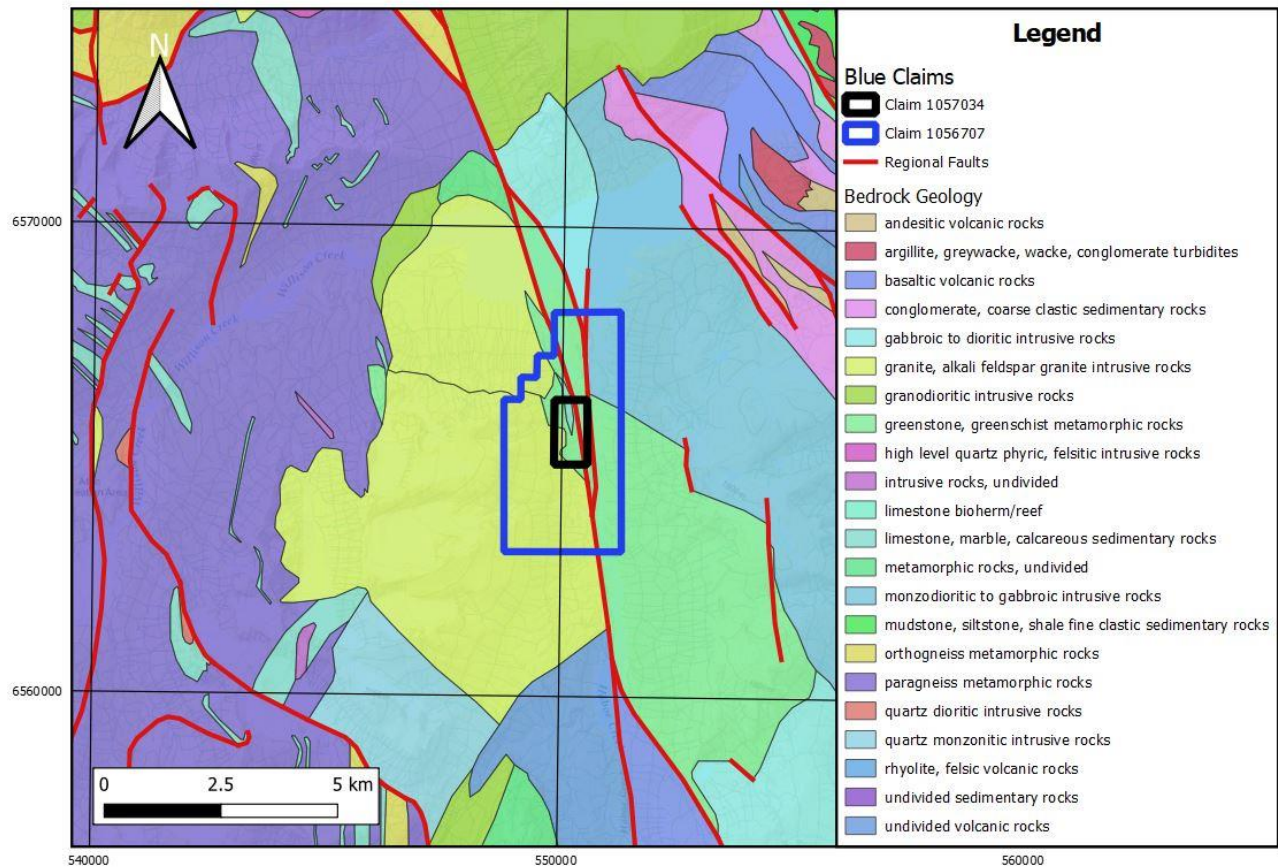


Figure 7: Geology of the Blue Property (NAD 83, UTM Zone 8)

Three adits are documented on the east side of Hoboe Creek:

**North Adit** (Nad 83 UTM Zone 8, 550170 E, 6565725 N)

70% visibility of entrance and 98% caved in, no accessibility. The adit is located at around 2,200-2,250 ft elevation at the eastern base of Hoboe Creek. Massively mineralized magnetite with green copper staining and red-pink tarnish can be seen all along the cliff side to an elevation of approximately 2,300 ft and looks to dip down to an unknown depth below Hoboe Creek. It is difficult to see at higher elevations due to vegetation cover. See Figure 8 and 9 below.





*Figure 8: Barley visible "North Adit" (Marked with flagging tape)*



*Figure 9: Geologist standing in what is left of the historical "North Adit"*



French Adit*(Nad 83 UTM Zone 8, 550150 E, 6565251 N)*

90% visibility of entrance and 50% caved in at entrance, accessible. The adit is located just above the valley bottom. Predominate green copper alteration on external bedrock surface. Adit extends into the side of the cliff for approximately 45 meters and ends at granite contact. Wall rock of the adit is composed mainly of massive magnetite (Fe>50%) with easily visible chalcopyrite stringers with the presence of bornite in some locations (Figure 10). Abundant pyrite and pyrrhotite is also visible. The massive magnetite unit seems to extend to north and south and directly under the adit. See Figures 10, 11 and 12 below.



*Figure 10: Uncovered French Adit entry*





*Figure 11: Bornite and altered chalcopyrite in massive magnetite & limestone from French Adit entry*



*Figure 12: Green copper staining on limestone 10 meters south of the French Adit*



### Free Gold Adit

This is the southernmost adit and was not located during this exploration program.

## 7 DEPOSIT TYPE

The property has historically been explored in the attempt to prove up economic grades and tonnage for high grade skarn and Au, Cu, W, Mo porphyry-type deposits. The 2018 exploration program revolved around exploring the north end of the property “North Adit” and the historical “French Adit” in the central part of the property for cobalt and copper. Erythrite and cobaltite, associated with the magnetite was identified through petrography at UBC (Livingston, 1950). In 2018 the pinkish red stains observed (seen in Figure 12) could be a result of iron enrichment alteration. Samples were taken and did not return anomalous cobalt values.



*Figure 13: Pink & red staining on iron enriched rock surface*

## 8 EXPLORATION

Exploration works that were completed on behalf of Zimtu Capital Corp. were done by a two-man geologic crew in the second week of September 2018. The crew was based out of Atlin in northwestern British Columbia. The property was reached by helicopter each day. The first day consisted of airborne reconnaissance, followed by four days of fly in fly out 'on the ground' reconnaissance. The program consisted of the collection of 22 rock samples from bedrock and 6 from loose rock from the exterior of the French Adit and investigation of visible structure in the exposed mountainside. All samples were numbered, GPS located and listed in the table below. Geochemical analysis can be found in Appendix II. See Table 3 below for rock sample locations and descriptions and Figures 14-16 for a map of sample locations and Table 4 for assays.

*Table 3: Sample locations and descriptions (Nad 83 UTM Zone 8)*

<b>Sample Number</b>	<b>General Location</b>	<b>Easting</b>	<b>Northing</b>	<b>Elevation Ft</b>	<b>Rock Type</b>
12851	North Adit	550180	6565740	2284	Altered amphibolite
12852	North Adit (5m north of 12851)	550180	6565740	2284	Massive Magnetite
12853	North Adit (5m south of 12851)	550180	6565740	2284	Massive Magnetite
12854	North Adit (5 m downhill of 12851)	550180	6565740	2284	Silicified Magnetite + limestone
12855	North Adit	550177	6565743	2254	Silicified Magnetite + limestone
12856	North Adit	550177	6565743	2254	Silicified Magnetite + limestone
12857	North Adit	550186	6565756	2249	Silicified Magnetite + limestone
12858	North Adit	550183	6565737	2260	Magnetite rich
12859	North Adit	550170	6565725	2210	Magnetite rich
12860	North Adit	550170	6565725	2210	Silicified Magnetite (Clasts of limestone)
12861	North Adit	550176	6565792	2185	Silicified Magnetite
12862	Dump Pile	550176	6565792	2185	Magnetite and sulphide rich
12863	Dump Pile	550176	6565792	2185	Magnetite and sulphide rich
12864	Dump Pile	550176	6565792	2185	Magnetite and sulphide rich
12865	Dump Pile	550176	6565792	2185	Magnetite and sulphide rich
12866	Dump Pile	550176	6565792	2185	Magnetite and sulphide rich
12867	Dump Pile	550176	6565792	2185	Massive magnetite + sulfide
12868	South of Adit	550221	6565265	2241	Altered magnetite
12869	South of Adit	550234	6565245	2214	Silicified Magnetite + limestone

12870	In French Adit (10m)	550188	6565767	2285	Silicified Magnetite + limestone
12871	In French Adit (20m)	550188	6565767	2285	Silicified Magnetite + limestone
12872	In French Adit (30M)	550188	6565767	2285	Silicified Magnetite + limestone
12873	In French Adit (40m)	550188	6565767	2285	Silicified Magnetite + limestone
12874	North Claims	548960	6566252	4477	Oxidized Qtz rich white rock
12875	10 m to north	548960	6566252	4477	Oxidized Qtz rich white rock (QTZ + PY)
12876	15 m to north	548960	6566252	4477	Oxidized Qtz rich white rock (QTZ + PY)
12877	North West Area	548974	6566263	4442	Oxidized Qtz rich white rock (QTZ + PY)
12878	North West Area	548977	6566276	4443	Oxidized Qtz rich white rock (QTZ + PY)

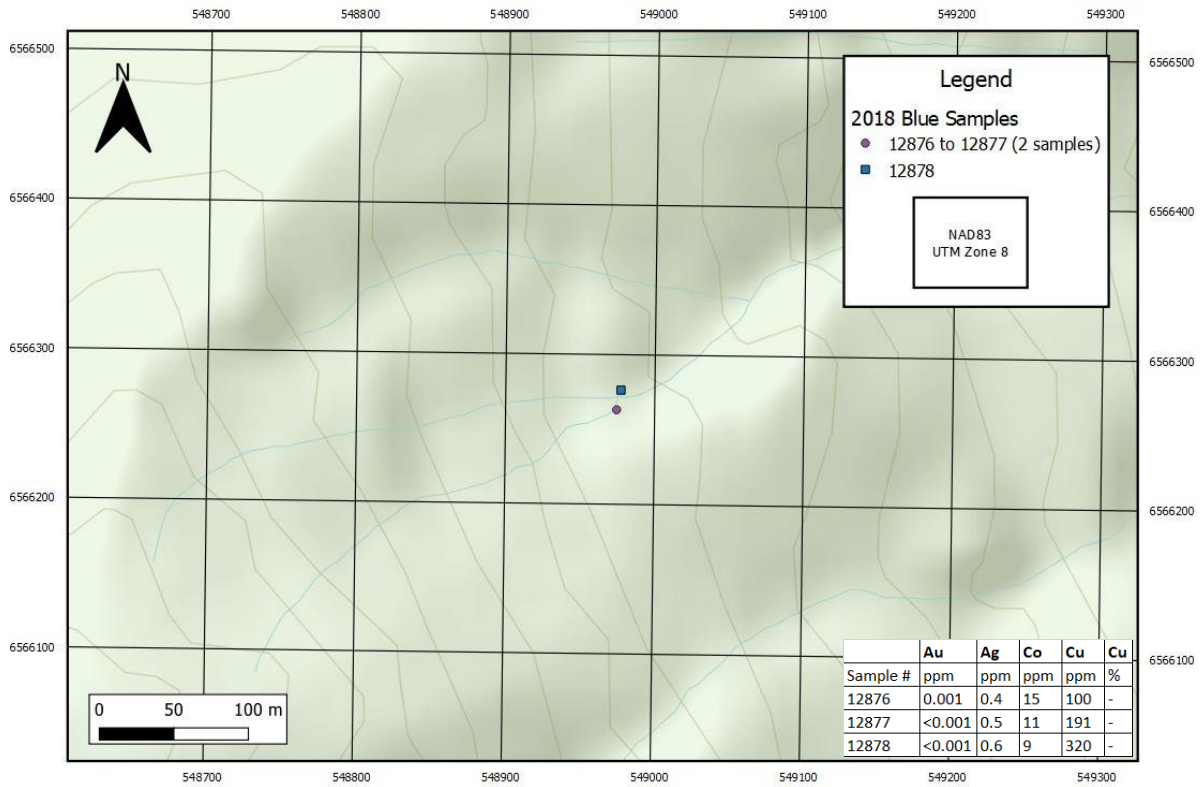


Figure 14: Sample location 1

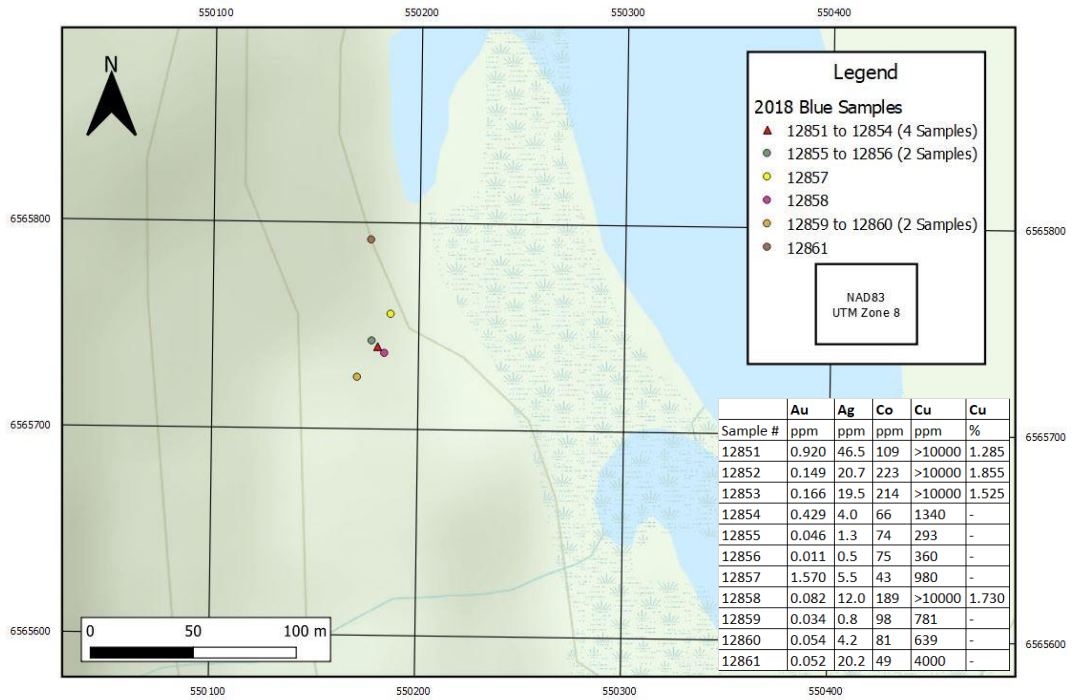


Figure 15: Sample location 2

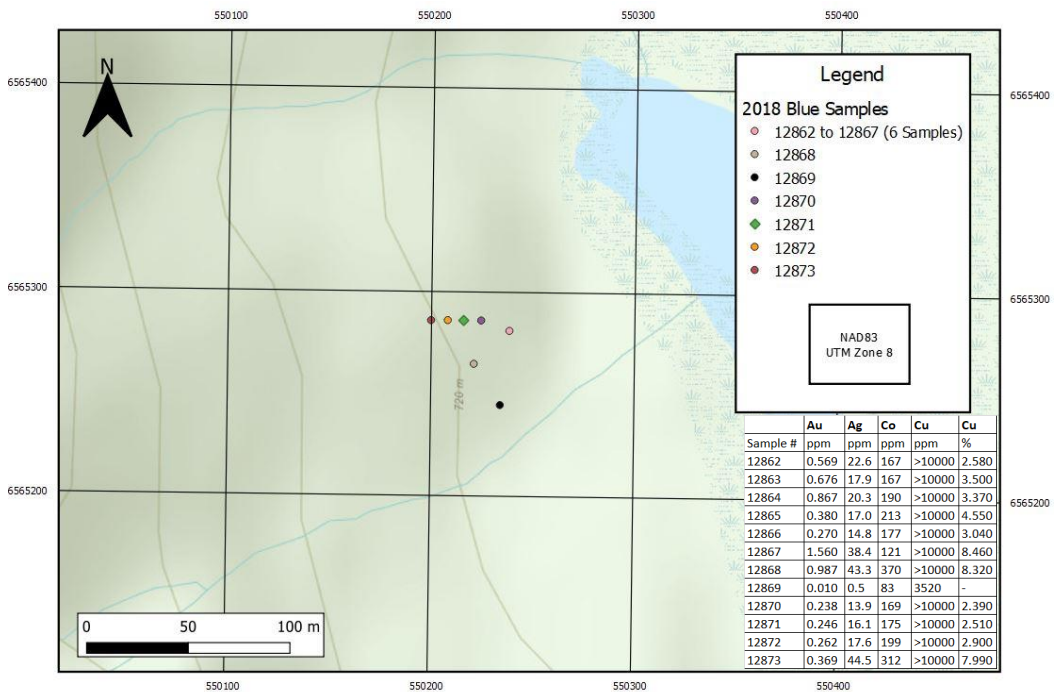


Figure 16: Sample location 3

*Table 4: Notable sample assays from maps above. See appendix II for full elemental assays.*

	<b>Au</b>	<b>Ag</b>	<b>Co</b>	<b>Cu</b>	<b>Cu</b>
Sample #	ppm	ppm	ppm	ppm	%
12851	0.92	46.5	109	>10000	1.285
12852	0.149	20.7	223	>10000	1.855
12853	0.166	19.5	214	>10000	1.525
12854	0.429	4	66	1340	
12857	1.57	5.5	43	980	
12858	0.082	12	189	>10000	1.73
12862	0.569	22.6	167	>10000	2.58
12863	0.676	17.9	167	>10000	3.5
12864	0.867	20.3	190	>10000	3.37
12865	0.38	17	213	>10000	4.55
12866	0.27	14.8	177	>10000	3.04
12867	1.56	38.4	121	>10000	8.46
12868	0.987	43.3	370	>10000	8.32
12869	0.01	0.5	83	3520	
12870	0.238	13.9	169	>10000	2.39
12871	0.246	16.1	175	>10000	2.51
12872	0.262	17.6	199	>10000	2.9
12873	0.369	44.5	312	>10000	7.99

## 9 SAMPLE PREPARATION, ANALYSES AND SECURITY

28 samples were collected and processed by the field crew in appropriate sample bags, tagged and recorded with their unique sample number. Sealed samples were placed in shipping bags which were sealed with electrical tape and dropped off personally to ALS Laboratories in Whitehorse, Yukon for preparation to be analyzed at the main ALS laboratory of North Vancouver, British Columbia. 1000 grams of rock per sample was pulverized to 85% < 75 microns and underwent Aqua Regia Digestion using conventional ICP-AES, 35 element analysis (ME-ICP41) with ore grade analysis on samples reaching upper detection limits, and 50 g Fire Assay/ICP-AES for gold and platinum group elements (PGM-ICP24).



## 10 DATA VERIFICATION

Due to the relative grassroots nature of the exploration program, rigorous data verification procedures were not deemed necessary. The author was involved in the collection, recording, interpretation and presentation of the data in this report and accompanying maps. The data was reviewed and checked by the author and is believed to be accurate

## 11 INTERPRETATION AND CONCLUSIONS

The main objective of the September 2018 field program was to have a first “boots on the ground” geological look at the Blue Property to locate and sample the North and French Adit historical occurrences for copper, gold and cobalt.

The copper and gold values returned above expected values with 15 of the 28 samples ranging in copper values of 1.28% to 8.46%. Gold and silver values reached up to 1.57 g/t and 46.5 g/t respectively.

The inability to access the North Adit restrained the sampling for cobalt and thus the highest value obtained for cobalt was 370 ppm. This does not correlate with Livingstons results in 1950 with 3.0 feet of 0.60% cobalt. Access to the North Adit will need to be gained to further assess this.

The French Adit area is highly prospective for a skarn type deposit with consistent copper values above 1.20%, every 10 meters in the adit.

The amalgamation of these results warrants further exploration on the Blue Property for hosting economic tonnage of copper-gold-silver mineralization.

## 12 RECOMMENDATIONS

The author recommends a 1 phase work program with further works dependent on results. Phase 1 would focus on developing the structural geological and mineralogical knowledge to design an appropriate geophysical survey eventually leading to potential drilling.

The proposed work includes:

- (1) Detailed geological mapping, including structural analysis of exposed bedrock;
- (2) Excavation to gain access to North Adit for further sampling;
- (3) Petrographic studies of samples from North and French Adit areas to better understand the mineralogy;
- (4) Design and execute a high-resolution induced polarization or electromagnetic geophysical survey to overlay the results of historical magnetic surveys.

The Phase 1 program as laid out would provide a sound knowledge base for selecting potential drill holes. If the data supports drilling, a Phase 2 program should be formulated.

*Table 5: Phase 1 Exploration*

<b>Phase 1 (\$ 175,000)</b>		
1	Geological Structure and Mapping	\$ 25,000
2	Excavation of North Adit	\$ 50,000
3	Sampling and Petrography	\$25,000
4	Geophysical Survey	\$75,000
		<b>Total = \$175,000</b>

Currency is CAD plus applicable taxes.

## 13 REFERENCES

- Dynes, B., & Wetherill, J. (1990). *Geochemical and Prospecting Report (ARIS 20,134)*. Vancouver: Canamera Geological Ltd. on behalf of Equity Silver Mines.
- Jackson, J. L., Gehrels, G. E., & Patchett, P. J. (1990). Geologic and Isotopic Analysis of the Nisling - Northern Stikine Terrane Boundary Near Atlin, British Columbia, B.C. *Ministry of Energy, Mines and Petroleum Resources, Geological Framework*, pp. 175-179.
- Livingston, E. (1950). *Description and Mineralogy of the Lavidiere Property, Atlin District, British Columbia*. Vancouver: University of British Columbia.
- Macdonald, G. C. (1981). *Diamond Drill Core Assay and Geological Assessment Report For Sprog Mineral Claim. Hoboe Creek Property*. Noranda Exploration Company Limited.
- Mihalynuk, M. G., Currie, L. D., & Rose, J. N. (1988). *A Closer Look at the Llewellyn Fault- Tectonic Implications and Economic Potential*. Vancouver: British Columbia Geological Survey Report.
- Savell, M. (1982). *Diamond Drilling Report On-The Sprog Mineral Claim (ARIS 10181)*. Noranda Exploration Limited.

## 14 CERTIFICATE OF THE AUTHOR

I, Nicholas Rodway, of 1450-789 West Pender Street, in the City of Vancouver, in the Province of British Columbia do hereby certify that:

1. I am an employee of Zimtu Capital Corp. working in Vancouver, British Columbia.
2. I hold a Bachelor of Science in Geology (2013).
3. I have been employed in the mineral exploration industry since 2011 and have practiced my profession since graduation.
4. The information for this report has been taken from government and old geological reports and work undertaken by Zimtu Capital Corp.
5. I am a member in good standing with Association of Professional Engineers, Geoscientist of British Columbia.
6. The assessment costs presented in this report are true and accurate to the best of my knowledge.

DATED at Vancouver, British Columbia, this 18<sup>th</sup> day of July 2019

Nicholas Rodway, P. Geo

## APPENDIX I: Statement of Expenses

Exploration Work type	Comment	Days			Totals
<b>Personnel (Name) * / Position</b>	<b>Field Days (list actual days)</b>	<b>Days</b>	<b>Rate</b>	<b>Subtotal*</b>	
Nicholas Rodway/P.Geo	Sept 6th-12th , 2018	7	\$900.00	\$6,300.00	
Mike Hodge/Ceo Saville Resources	Sept 6th-12th , 2018	7	\$350.00	\$2,450.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
					<b>\$8,750.00</b>
<b>Office Studies</b>	<b>List Personnel (note - Office only, do not include field days)</b>				
Literature search	Nicholas Rodway	5.0	\$350.00	\$1,750.00	
Database compilation	Nicholas Rodway	3.0	\$350.00	\$1,050.00	
Computer modelling	Nicholas Rodway	3.0	\$350.00	\$1,050.00	
Reprocessing of data	Nichoals Rodway	1.0	\$350.00	\$350.00	
General research			\$0.00	\$0.00	
Report preparation	Nicholas Rodway	7.0	\$350.00	\$2,450.00	
Other (specify)					
				\$6,650.00	<b>\$6,650.00</b>
<b>Airborne Exploration Surveys</b>	<b>Line Kilometres / Enter total invoiced amount</b>				
Aeromagnetics			\$0.00	\$0.00	
Radiometrics			\$0.00	\$0.00	
Electromagnetics			\$0.00	\$0.00	
Gravity			\$0.00	\$0.00	
Digital terrain modelling			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
					<b>\$0.00</b>
<b>Remote Sensing</b>	<b>Area in Hectares / Enter total invoiced amount or list personnel</b>				
Aerial photography			\$0.00	\$0.00	
LANDSAT			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
					<b>\$0.00</b>
<b>Ground Exploration Surveys</b>	<b>Area in Hectares/List Personnel</b>				
Geological mapping					
Regional					
Reconnaissance	N.R/M.H (12km^2)				
Prospect					
Underground	Define by length and width				
Trenches	Define by length and width			\$0.00	<b>\$0.00</b>
<b>Ground geophysics</b>	<b>Line Kilometres / Enter total amount invoiced list personnel</b>				
Radiometrics					
Magnetics					
Gravity					
Digital terrain modelling					
Electromagnetics					
SP/AP/EP	<i>note: expenditures for your crew in the field should be captured above in Personnel field expenditures above</i>				
IP					
AMT/CSAMT					
Resistivity					
Complex resistivity					
Seismic reflection					
Seismic refraction					
Well logging	Define by total length				
Geophysical interpretation					
Petrophysics					
Other (specify)					
				\$0.00	<b>\$0.00</b>
<b>Geochemical Surveying</b>	<b>Number of Samples</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Drill (cuttings, core, etc.)			\$0.00	\$0.00	
Stream sediment			\$0.00	\$0.00	
Soil			\$0.00	\$0.00	
Rock	257grab samples	27.0	\$55.00	\$1,485.00	
Water			\$0.00	\$0.00	
Biogeochemistry			\$0.00	\$0.00	
Whole rock			\$0.00	\$0.00	
Petrology			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$1,485.00	<b>\$1,485.00</b>
<b>Drilling</b>	<b>No. of Holes, Size of Core and Metres</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Diamond			\$0.00	\$0.00	
Reverse circulation (RC)			\$0.00	\$0.00	
Rotary air blast (RAB)			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
					<b>\$0.00</b>
<b>Other Operations</b>	<b>Clarify</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Trenching			\$0.00	\$0.00	
Bulk sampling			\$0.00	\$0.00	
Underground development			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	<b>\$0.00</b>
<b>Reclamation</b>	<b>Clarify</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
After drilling			\$0.00	\$0.00	
Monitoring			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
<b>Transportation</b>		<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Airfare		2.00	\$575.44	\$1,150.88	
Taxi		1.00	\$35.00	\$35.00	
truck rental		1.00	\$975.52	\$975.52	
kilometers			\$0.00	\$0.00	
ATV			\$0.00	\$0.00	
fuel		1.00	\$758.00	\$758.00	
Helicopter (hours)		7.2	\$1,226.40	\$8,830.08	
Fuel (litres/hour)	214/hr	820.80	\$1.40	\$1,149.12	
Other					
				\$12,898.60	<b>\$12,898.60</b>
<b>Accommodation &amp; Food</b>	<b>Rates per day</b>				
Hotel	1 Night in Whitehorse	1.00	\$135.00	\$135.00	
Camp	6 Nights in Atlin	6.00	\$149.00	\$894.00	
Meals	Actual cost	1.00	\$611.11	\$611.11	
				\$1,640.11	<b>\$1,640.11</b>
<b>Miscellaneous</b>					
Telephone	Sat Phone	1.00	\$110.88	\$110.88	
Other (Specify)					
				\$110.88	<b>\$110.88</b>
<b>Equipment Rentals</b>					
Field Gear (Specify)	Samp Bags-panning equipment	1.00	\$436.41	\$436.41	
Other (Specify)					
				\$436.41	<b>\$436.41</b>
<b>Freight, rock samples</b>					
			\$0.00	\$0.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
					<b>\$0.00</b>
<b>TOTAL Expenditures</b>					<b>\$31,971.00</b>

## APPENDIX II: Assays



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**CERTIFICATE WH18226566**

Project: BLUE PROPERTY

This report is for 41 Rock samples submitted to our lab in Whitehorse, YT, Canada on 12- SEP- 2018.

The following have access to data associated with this certificate:

MIKE HODGE	NICK RODWAY
------------	-------------

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% <2mm
PUL- QC	Pulverizing QC Test
BAG- 01	Bulk Master for Storage
WSH- 22	"Wash" pulverizers
SPL- 21	Split sample - riffle splitter
PUL- 32	Pulverize 1000g to 85% < 75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Cu- OG46	Ore Grade Cu - Aqua Regia	
Pb- OG46	Ore Grade Pb - Aqua Regia	
Zn- OG46	Ore Grade Zn - Aqua Regia	
PGM- ICP24	Pt, Pd, Au 50g FA ICP	ICP- AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.  
 \*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager





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Project: BLUE PROPERTY

**CERTIFICATE OF ANALYSIS WH18226566**

Sample Description	Method Analyte Units LOD	WEI- 21	PCM- ICP24	PCM- ICP24	PCM- ICP24	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Recvd Wt. kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm
		0.02	0.001	0.005	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1
12851		0.83	0.920	<0.005	0.008	46.5	3.81	47	50	150	<0.5	1080	0.18	<0.5	109	154
12852		1.09	0.149	<0.005	0.002	20.7	0.25	19	30	20	<0.5	8	0.02	<0.5	223	2
12853		1.24	0.166	0.005	0.001	19.5	0.12	15	40	10	<0.5	5	0.03	<0.5	214	<1
12854		1.20	0.429	<0.005	<0.001	4.0	0.14	18	10	200	<0.5	218	0.01	<0.5	86	8
12855		0.96	0.046	<0.005	<0.001	1.3	0.20	77	20	10	<0.5	618	0.44	<0.5	74	8
12856		1.23	0.011	<0.005	0.003	0.5	0.20	49	10	10	<0.5	157	0.33	<0.5	75	5
12857		0.92	1.570	<0.005	0.001	5.5	1.80	112	140	110	<0.5	2420	0.08	<0.5	43	24
12858		1.09	0.082	<0.005	<0.001	12.0	0.07	19	10	50	<0.5	19	0.01	<0.5	189	<1
12859		1.01	0.034	<0.005	0.002	0.8	0.23	32	20	20	<0.5	145	0.02	<0.5	98	9
12860		0.82	0.054	<0.005	0.003	4.2	1.25	79	20	40	<0.5	14	0.03	<0.5	81	16
12861		0.75	0.052	<0.005	0.002	20.2	0.96	47	20	30	<0.5	8	0.06	<0.5	49	168
12862		1.07	0.569	<0.005	0.004	22.6	0.45	62	120	<10	<0.5	15	0.06	<0.5	167	18
12863		1.70	0.676	<0.005	0.002	17.9	0.72	47	210	<10	<0.5	<2	0.03	<0.5	167	13
12864		0.80	0.967	<0.005	0.006	20.3	0.39	76	250	<10	<0.5	<2	0.09	<0.5	190	13
12865		1.31	0.380	<0.005	0.004	17.0	0.63	29	70	<10	<0.5	<2	0.08	<0.5	213	39
12866		1.39	0.270	<0.005	0.003	14.8	0.37	94	160	<10	<0.5	<2	0.06	<0.5	177	42
12867		0.88	1.560	<0.005	0.011	38.4	0.32	36	40	10	<0.5	2	1.73	<0.5	121	18
12868		0.88	0.987	<0.005	0.004	43.3	0.53	29	200	50	<0.5	<2	0.18	<0.5	370	61
12869		0.74	0.010	<0.005	<0.001	0.5	1.10	202	550	50	<0.5	4	0.26	1.3	83	79
12870		0.44	0.238	<0.005	0.001	13.9	0.46	163	350	10	<0.5	9	0.09	<0.5	169	41
12871		0.51	0.246	<0.005	0.003	16.1	0.74	45	170	<10	<0.5	<2	0.04	<0.5	175	49
12872		1.14	0.262	<0.005	0.003	17.6	0.81	32	100	<10	<0.5	<2	0.03	<0.5	199	27
12873		0.77	0.369	<0.005	0.003	44.5	0.82	35	100	<10	<0.5	<2	0.08	<0.5	312	86
12874		0.66	0.004	<0.005	0.002	0.7	1.34	5	<10	70	<0.5	2	0.32	<0.5	7	17
12875		0.64	0.003	<0.005	0.002	0.8	2.53	9	<10	70	0.8	2	1.21	<0.5	8	15
12876		1.16	0.001	<0.005	0.001	0.4	2.31	10	<10	120	1.3	<2	0.77	0.5	15	11
12877		0.65	<0.001	<0.005	<0.001	0.5	1.54	5	<10	160	0.5	<2	0.78	0.5	11	15
12878		1.36	<0.001	<0.005	0.003	0.6	1.60	4	<10	120	0.7	<2	0.91	0.6	9	17



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**CERTIFICATE OF ANALYSIS WH18226566**

Sample Description	Method Analyte Units LOD	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm
12851		>10000	7.82	10	<1	0.45	<10	10.45	809	5	<0.01	18	780	8	1.92	2
12852		>10000	>50	<10	<1	<0.01	<10	1.89	658	3	<0.01	18	10	<2	2.44	<2
12853		>10000	>50	<10	<1	0.01	<10	1.80	774	4	0.01	17	10	<2	2.09	<2
12854		1340	>50	<10	<1	<0.01	<10	0.94	379	7	<0.01	12	20	<2	0.13	<2
12855		293	>50	<10	<1	<0.01	<10	3.33	734	3	<0.01	19	30	<2	<0.01	<2
12856		380	>50	<10	<1	<0.01	<10	2.36	720	3	<0.01	22	30	<2	<0.01	<2
12857		980	19.45	<10	1	0.09	<10	13.00	882	2	<0.01	18	220	<2	0.07	3
12858		>10000	>50	<10	<1	<0.01	<10	1.07	645	2	<0.01	13	10	<2	2.66	<2
12859		781	>50	<10	1	<0.01	<10	2.12	529	2	<0.01	32	10	<2	0.04	<2
12860		639	42.8	10	<1	0.03	<10	3.72	3580	10	<0.01	43	20	<2	0.02	<2
12861		4000	>50	<10	<1	0.01	<10	3.21	753	4	0.01	52	320	9	0.35	<2
12862		>10000	>50	<10	<1	<0.01	<10	5.04	2290	2	<0.01	80	290	<2	2.73	<2
12863		>10000	44.5	<10	<1	<0.01	<10	8.62	1770	1	<0.01	73	150	<2	3.10	<2
12864		>10000	43.5	<10	<1	<0.01	<10	7.38	1810	2	<0.01	92	310	<2	3.52	<2
12865		>10000	49.3	<10	1	<0.01	<10	3.07	2750	2	<0.01	73	190	<2	3.58	<2
12866		>10000	>50	<10	1	<0.01	<10	5.78	1575	1	<0.01	95	230	<2	3.25	<2
12867		>10000	48.3	<10	1	<0.01	<10	2.25	905	2	<0.01	74	230	3	>10.0	<2
12868		>10000	>50	<10	<1	<0.01	<10	1.74	2810	11	0.01	143	100	<2	7.44	<2
12869		3520	22.2	<10	<1	0.33	<10	13.65	1745	4	<0.01	55	520	<2	0.11	<2
12870		>10000	42.9	<10	<1	0.01	<10	9.23	3200	9	<0.01	68	450	<2	2.80	<2
12871		>10000	49.5	<10	4	<0.01	<10	6.95	3040	6	<0.01	64	240	<2	2.63	<2
12872		>10000	>50	<10	<1	<0.01	<10	5.56	3350	3	<0.01	77	160	<2	3.23	<2
12873		>10000	47.1	<10	5	<0.01	<10	5.04	2180	2	<0.01	135	230	<2	8.27	<2
12874		578	4.24	10	<1	0.25	10	1.21	590	1	0.08	8	1680	7	1.39	<2
12875		241	3.44	10	<1	0.37	10	1.29	577	89	0.19	9	1800	9	1.58	<2
12876		100	3.21	10	<1	0.38	20	1.27	477	12	0.11	5	2030	10	2.02	<2
12877		191	3.06	10	<1	0.57	20	1.15	678	1	0.11	8	1460	3	0.93	<2
12878		320	3.38	10	<1	0.70	30	1.42	646	2	0.07	13	1730	8	1.40	<2



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**CERTIFICATE OF ANALYSIS WH18226566**

Sample Description	Method Analyte Units LOD	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Ag- OC46	Cu- OC46	Pb- OC46	Zn- OC46
		Sc ppm 1	Sr ppm 1	Th ppm 20	Ti % 0.01	Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Ag ppm 1	Cu % 0.001	Pb % 0.001	Zn % 0.001
12851		11	15	<20	0.14	<10	10	74	10	79		1.285		
12852		1	1	<20	0.04	<10	<10	25	<10	182		1.855		
12853		1	1	<20	0.04	<10	<10	30	<10	144		1.525		
12854		1	10	<20	0.01	30	<10	20	<10	16				
12855		1	1	<20	0.01	30	<10	19	20	26				
12856		1	1	<20	0.01	30	<10	20	10	26				
12857		4	7	<20	0.05	10	<10	38	10	38				
12858		1	<1	<20	0.02	40	<10	12	<10	69		1.730		
12859		2	<1	<20	0.01	30	<10	26	20	33				
12860		3	2	<20	0.07	20	10	59	20	226				
12861		5	4	<20	0.09	30	<10	57	<10	71				
12862		4	<1	<20	0.10	30	<10	54	<10	517		2.58		
12863		3	<1	<20	0.07	30	<10	46	<10	584		3.50		
12864		4	2	<20	0.06	30	<10	45	<10	562		3.37		
12865		3	<1	<20	0.08	30	<10	45	<10	894		4.55		
12866		5	3	<20	0.09	30	<10	60	<10	531		3.04		
12867		4	1	<20	0.06	30	<10	44	10	478		8.46		
12868		2	10	<20	0.08	40	<10	57	<10	1485		8.32		
12869		6	5	<20	0.08	10	<10	41	<10	337				
12870		6	2	<20	0.12	30	<10	41	<10	854		2.39		
12871		4	<1	<20	0.09	20	<10	50	<10	965		2.51		
12872		3	<1	<20	0.07	30	<10	50	<10	929		2.90		
12873		4	3	<20	0.09	20	10	46	<10	1290		7.99		
12874		5	30	<20	0.03	<10	<10	76	<10	85				
12875		7	78	<20	0.08	<10	<10	99	<10	82				
12876		4	95	<20	0.03	<10	<10	60	<10	52				
12877		6	71	<20	0.08	<10	<10	74	<10	85				
12878		7	55	<20	0.11	<10	<10	110	<10	82				

