



BC Geological Survey  
Assessment Report  
38238



Ministry of Energy and Mines  
BC Geological Survey

ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY

Assesment Report on the Geochemical Sampling of The Silver Lime Property \$ 18,378.12

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

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) 5733843 YEAR OF WORK 2018

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 5733843

PROPERTY NAME Silver Lime Property

CLAIM NAME(S) (on which work was done) Falcon (1060271), Davefalconjackie (1060703)

COMMODITIES SOUGHT Au-Ag-Zn-Pb-Cu

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 104M 031, 104M 087

MINING DIVISION Atlin Mining Division NTS

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

OWNER(S) NTS Map 104M UTM Zone 8 (Nad 83) 539529 E, 6557858 N

1) Zimtu Capital Corp. 2) \_\_\_\_\_

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

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

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PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):  
biotite-quartz-schists, quartz-sericite schists, gneisses and limestones of the Mississippian, 2000 meter elevation,  
Limonite alteration, massive sulphider pods 20 meters long 6 meters wide, galena, sphalerite

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS ARIS 20098, 21162

| 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 _____                           |  |                         |   |
| 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  | <b>8 Samples Analysed for precious and base metals</b> |                         |   |
| Silt _____                                      |  |                         |   |
| Rock _____                                      | <b>531.13 Ha</b>                                       | <b>1060271, 1060703</b> | <b>\$ 440.0</b>                           |
| Other _____                                     |  |                         |   |
| <b>DRILLING</b>                                 |  |                         |   |
| (total metres; number of holes, size)           |  |                         |   |
| Core _____                                      |  |                         |   |
| Non-core _____                                  |  |                         |   |
| <b>RELATED TECHNICAL</b>                        |  |                         |   |
| Sampling/assaying _____                         |  |                         |   |
| Petrographic _____                              |  |                         |   |
| Mineralographic _____                           |  |                         |   |
| Metallurgic _____                               |  |                         |   |
| PROSPECTING (scale, area) _____                 | <b>531.13 Ha</b>                                       | <b>1060271, 1060703</b> | <b>\$ 17,938.12</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>\$ 18,378.12</b>                       |

**Assessment Report**  
**on the Geochemical Sampling of**  
**The Silver Lime Property**

Mineral Licenses

1060271, 1060703

Atlin Mining Division, British Columbia, Canada

NTS Map 104M

UTM Zone 8 (NAD83)

6557858 N

539529 E

Prepared for:

Zimtu Capital Corp.

Suite 1450-789 West Pender Street

Vancouver, British Columbia

V6C 1H2

Prepared by:

Nicholas Rodway, P. Geo.

10 April 2019

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## 1 SUMMARY

Zimtu Capital Corp. undertook a reconnaissance program on the Silver Lime Property (the “property”) from September 10<sup>th</sup> to September 11<sup>th</sup>, 2018. The program consisted of helicopter reconnaissance over the claims and the collection of 8 rock grab samples.

The property is located in northwestern British Columbia, approximately 58 kilometers southwest of Atlin. The property can be accessed via Atlin by snowmobile in winter or 35-minute round trip bush plane or helicopter ride for most of the year.

The property consists of two mineral licenses encompassing an area of 531 ha (5.31 km<sup>2</sup>) in the Atlin Mining Division of British Columbia. The center of the property is located at 6557858N, 539529E, UTM Zone 8 (NAD83) map sheet 104M.

The Silver Lime Property has had historical exploration in the early 1990’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 helicopter reconnaissance and 1 day of ground prospecting. 8 samples in total were collected. The results returned promising values reaching up to 1.16 g/t Au, 913 g/t Ag, 12.45% Zn and >20.0% Pb.

Recommendations for the Silver Lime Property include a high-resolution electromagnetic geophysical survey followed by a complex geological structural analysis to better determine a potential deposit model. 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 Silver Lime 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

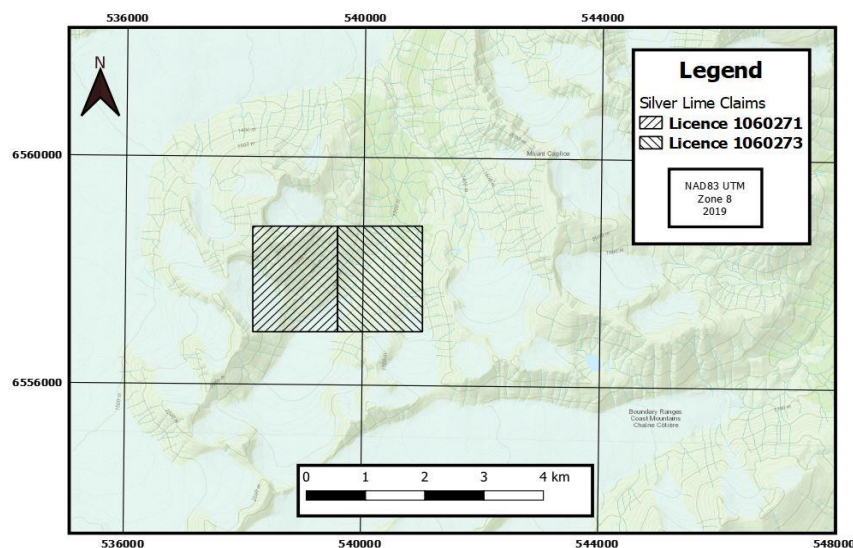
The Silver Lime Property is located in northwestern British Columbia, approximately 58 kilometers southwest of Atlin.

The property consists of two mineral licenses; Mineral license 1060271 and 1060703, consisting of 531.17 Ha. 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 Silver Lime Property**

| Title Number | Claim Name       | Owner         | Title Type | Map Number | Issue Date  | Expiration  | Area (ha) |
|--------------|------------------|---------------|------------|------------|-------------|-------------|-----------|
| 1060271      | FALCON           | 248281 (100%) | Mineral    | 104M       | 2018/APR/25 | 2020/MAY/22 | 265.5901  |
| 1060703      | DAVEFALCONJACKIE | 248281 (100%) | Mineral    | 104M       | 2018/MAY/22 | 2020/MAY/22 | 265.584   |

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 Silver Lime Property**

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

### 4.1 Accessibility

The property is located in northwestern British Columbia, approximately 58 kilometers southwest of Atlin. The property can be accessed via Atlin by 35-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 16 kilometer road from Wilson Bay up (south) would be required for mineral extraction via Atlin Lake or a road around Wilson 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 predominantly of glaciofluvial flood plains 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 slopes and larger vegetation 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 very common in the valley bottoms and on gentle slopes. 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 1,000 to 2,000 meters above sea level. See Figures 2 and 3 for pictures of the Silver Lime Property.





**Figure 2: Highest Elevation on the Silver Lime Property**

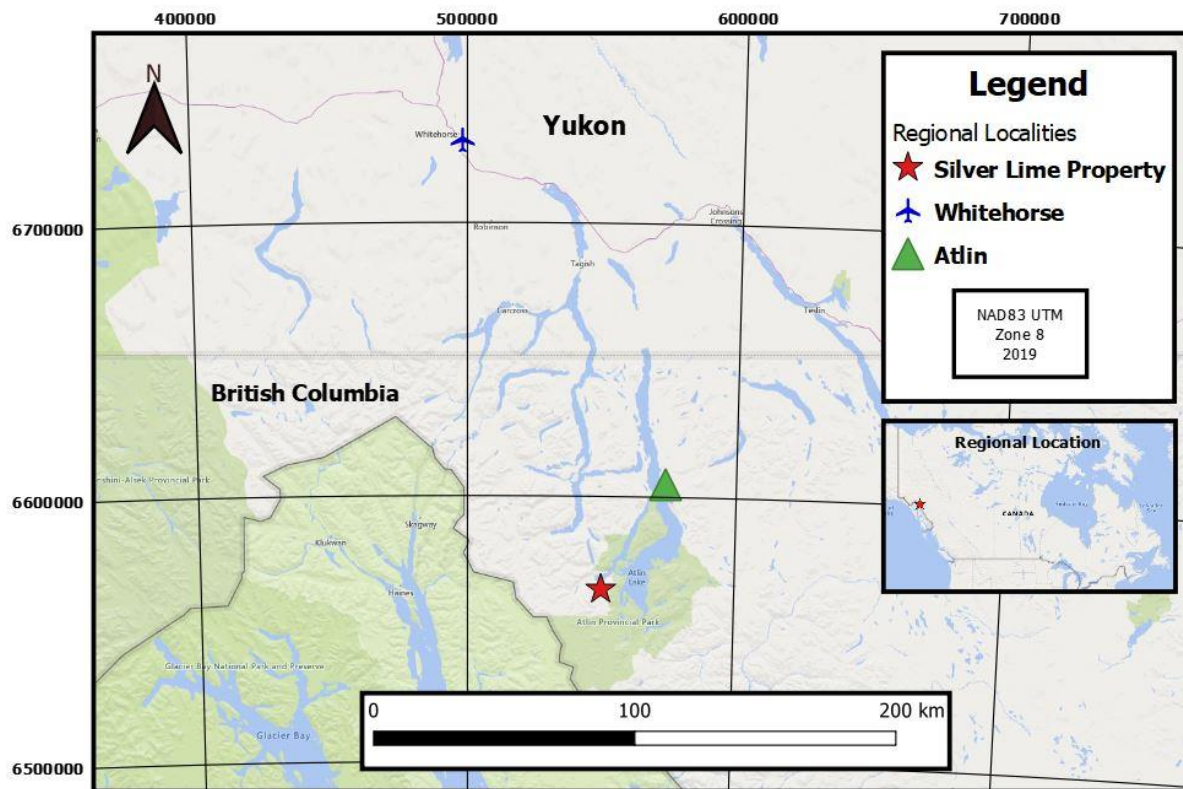


**Figure 3: West hill of Silver Lime Property**

### 4.3 Local Resources & Infrastructure

The nearest town is Atlin, some 58 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 glacial streams on the property 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 Silver Lime Property*

### 4.4 Physiography

The property lies 16 kilometers south of Willison Bay. The Willison 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 Willison Creek is highly glaciated with steep sides. It is being rapidly silted up from northward flowing debris. The base of the valley is about 1,000 meters in elevation and the mountain peaks can reach up to 2,200 meters.

## 5 HISTORY

The area of Willison Bay 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 in Willison Bay Area**

| <b>Year</b> | <b>Company</b>                    | <b>Work Completed</b>  |
|-------------|-----------------------------------|--|
| 1899 - 1918 | Laverdiere Brothers               | Prospecting, trenching, drifting- (3 adits totaling ~120 m) (Blue Property)                            |
| 1950        | University of B.C (E. Livingston) | Petrography on North Adit (Blue Property)  |
| 1948 - 1956 | Conwest                           | Geological mapping and sampling of adits (Blue Property)   |
| 1956 - 1964 | Bethlehem Copper                  | Not Available  |
| 1964 - 1969 | Cominco                           | Geological mapping, magnetometer survey diamond drilling (5 holes totaling ~154 m)                     |
| 1966        | Falconbridge Ltd.                 | Regional Sampling 0.3 oz/t Au, 120 oz/t Ag and 30% combined base metal content on Silver Lime Property |
| 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 (Blue Property)   |
| 1979 -1982  | Noranda Exploration Company Ltd   | Relogging, assaying drill core (Blue Property)   |

|             |                            |   |
|-------------|----------------------------|---|
| 1989 - 1990 | Pacific Sentinel Gold Corp | Minor recon at north end of property (Callaghan Showing)  |
| 1989        | K. Hudson                  | Grab sampling and ground prospecting with 30.0 oz/t Ag (Silver Lime Property)   |
| 1990        | Carmac Resources Ltd.      | 365 rock grab samples collected, detailed geological mapping, channel sampling, geophysical survey (Silver Lime Property) |
| 2018        | Zimtu Capital Corp.        | Rock sampling of Blue Property and Silver Lime Property   |

The area directly on the Silver Lime claims underwent rigorous base line geological assessment by Carmac Resources Ltd. in 1990 as an option deal from K. Hudson.

This program included:

- A.) Staging a camp near the claims
- B.) Grid surveying
- C.) Detailed mapping
- D.) 28 trenches totaling 129.8 meters
- E.) Collection of 365 rock chip samples
- F.) Magnetometer and electromagnetic survey (5 km line length)

The report concluded that there was significant mineralization present and that a more in-depth sampling program including additional trenching should be executed to determine if the surficial mineralization is part of a larger system at depth (Visagie, 1991).

## 6 GEOLOGICAL SETTING & MINERALISATION

### 6.1 Regional Geology & Structure

The Silver Lime 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 hornblendite, biotite granite and granodiorite are Paleozoic, Cretaceous, and Eocene in age respectively (Dynes & Wetherill, 1990).

The most prominent structure in the area is the Llewellyn fault zone which trends northwest-southeast under Wilson 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 Silver Lime Property was mapped in 1990 at the formally known Falcon and Jackie showings on behalf of Carmac Resources Ltd. Additionally a 1989 report by K. Hudson described the property geology as follows:

The property covers the Pre-Permian biotite-quartz schists, quartz-sericite schists, gneisses and limestones of the Nisling Assemblage. Within the property these metasediments are cut by numerous northwest trending alaskite dykes. The dykes are composed of feldspar, muscovite and minor quartz. They are surrounded by pyritic-limonitic alteration haloes and are locally argillically altered, Grain size in the dykes varies from pegmatic to aplitic.

Limestones are commonly recrystallized and white or, fine grained and grey with disseminated fracture related pyrite and are abundant on both sides of Turtle Creek and the ridge east of South Willison Creek. Float samples of garnet, epidote, tremolite, magnetite, and minor pyrite and pyrrhotite indicate skarns occur in the area. Carbonatized ultramafics were also seen in float in Turtle Creek Valley. The limestone unit dips steeply to the south.

The most impressive mineralization on the property occurs in the southwest claim area where previously completed work by Falconbridge indicates that at least 40 to 50 mineralized zones exist on the hillside.

The massive sulfide lenses occur within marble and biotite-muscovite-sericite schists generally near the contacts between the units. The sulphide lenses are in general surrounded by large zones of limonite alteration in which numerous northwest trending faults and dykes control mineralization along structural pathways.

The limestone is bounded by quartz biotite schist to the north and gneiss to the south. Lithological contacts trend 140 to 170 degrees. The limestone displays a change in texture which may suggest a zonation peripheral to an unseen intrusion reflecting decreasing temperatures. Locally, where the limestone is in contact with the schist, a garnet-chlorite-pyrite assemblage occurs which may represent a tectonized skarn. The adjacent limestone has been metamorphosed to a medium grained marble. Further to the southwest, the limestone is grey, fine-grained and locally silicified (Hudson, 1990).





**Figure 5: Massive sulfide lense in marble/limestone**



## 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 resampling podiform massive sulfides and contacts in the limestone for potential skarn- carbonate replacement mineralization



*Figure 6: Fracture filled with massive sulfide*

Lead isotope dating conducted at the University of British Columbia found the rocks at the Jackie showing to be Cretaceous to Tertiary in age and epithermal in style

## 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. The first day consisted of airborne reconnaissance, followed by one day 'boots on the ground' reconnaissance. The program consisted of the collection of 8 rock samples from bedrock near and around the Falcon and Jackie Showings. Preliminary investigation of visible structure in the exposed mountainside revealed steeply dipping marble/limestone beds with over 30 occurrences of massive sulfide pods exposed at surface. 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 Figure 7 for a map of sample locations.

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

| <b>Sample Number</b> | <b>Easting</b> | <b>Northing</b> | <b>Elevation Ft</b> | <b>Rock Type</b>   |
|----------------------|----------------|-----------------|---------------------|--|
| 12883                | 538559         | 6557538         | 5532                | Massive sulfide pod in limestone/marble                            |
| 12884                | 538636         | 6557542         | 5524                | Area of historical channel sampling; Highly oxidized and gossanous |
| 12885                | 538635         | 6557469         | 5443                | Highly oxidized with low magnetism                                 |
| 12886                | 538584         | 6557500         | 5470                | Semi massive sulfide   |
| 12887                | 538800         | 6557159         | 5068                | Semi massive sulfide   |
| 12888                | 538915         | 6557209         | 4931                | Massive sulfide (Galena)   |
| 12889                | 538915         | 6557209         | 4931                | Oxidized silicified amphibolite                                    |
| 12890                | 540143         | 6558560         | 4187                | Oxidized foliated amphibolite                                      |



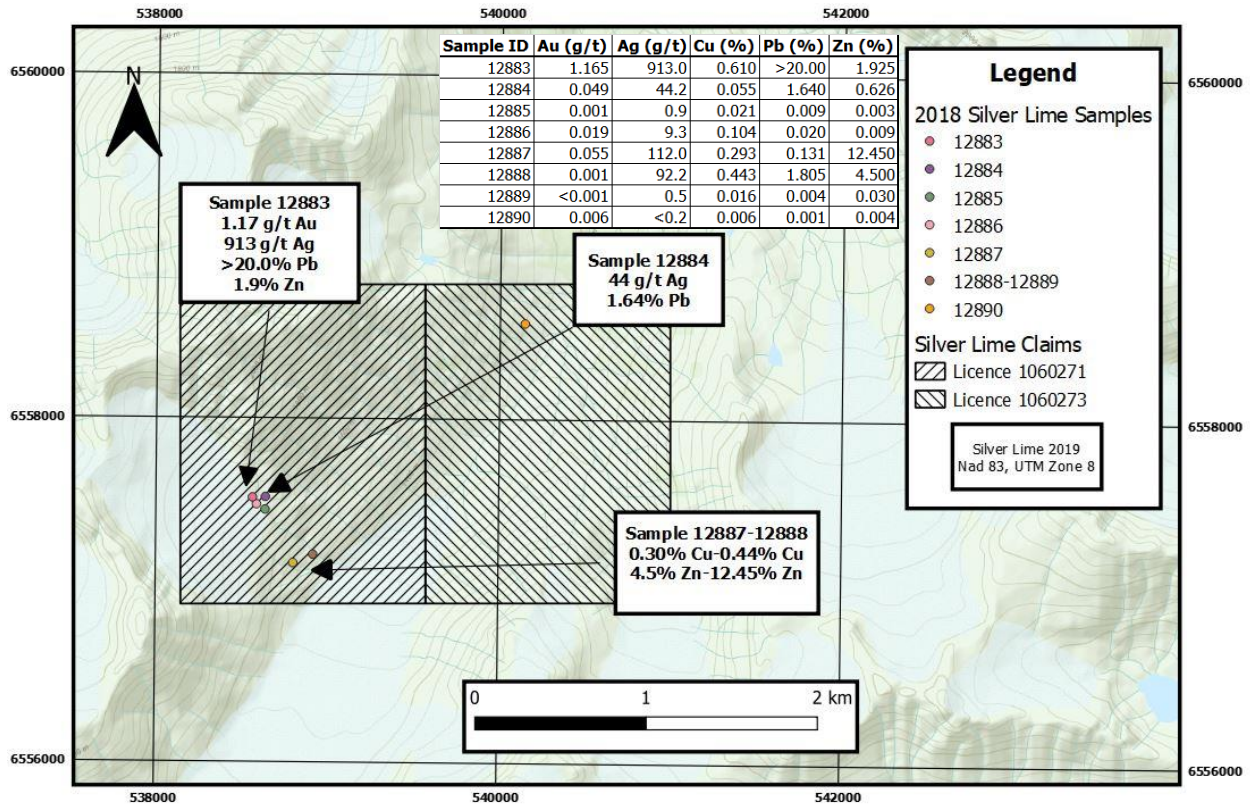


Figure 7: Map showing sample locations

## 9 SAMPLE PREPARATION, ANALYSES AND SECURITY

8 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 Silver Lime Property to locate and sample historical occurrences for gold, silver, zinc, lead and copper.

The gold, silver, zinc and lead values returned highly anomalous as expected, with the best of the samples returning assays of 1.16 g/t Au, 913 g/t Ag, 12.45% Zn and 20.0% Pb.

The property shows great potential for hosting a carbonate replacement-porphyry-skarn type system.

The amalgamation of these results warrants further exploration on the Silver Lime Property for hosting economic tonnage of precious and base metal 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) Data compilation, detailed geological mapping, including structural analysis of exposed bedrock;
- (2) Petrographic studies of samples to better understand the mineralogy;
- (3) 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 4: Phase 1 Exploration**

| <b>Phase 1 (\$ 130,000)</b> |                                  |                           |
|-----------------------------|----------------------------------|---------------------------|
| 1                           | Geological Structure and Mapping | \$ 25,000                 |
| 2                           | Sampling and Petrography         | \$ 30,000                 |
| 3                           | Geophysical Survey               | \$ 75,000                 |
|                             |                                  | <b>Total = \$ 130,000</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.
- Hudson, K. (1990). *Prospecting Report on the Willison Creek Claims (ARIS 20098)*.
- 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.
- 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.
- Visagie, D. A. (1991). *Geochemical & Geological Report on the Willison Creek Claims (ARIS 21162)*. Vancouver, B.C: Carmac Resources Ltd.

## 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 10<sup>th</sup> day of April 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)             | Sep 10-11/2018  | 2           | \$900.00    | \$1,800.00       |   |
| Mike Hodge (Field Assistant)        | Sep 10-11/2018  | 2           | \$400.00    | \$800.00         |   |
|                                     |   |             | \$0.00      | \$0.00           |   |
|                                     |   |             | \$0.00      | \$0.00           |   |
|                                     |   |             | \$0.00      | \$0.00           |   |
|                                     |   |             | \$0.00      | \$0.00           |   |
|                                     |   |             |             | \$2,600.00       | <b>\$2,600.00</b>   |
| <b>Office Studies</b>               | <b>List Personnel (note - Office only, do not include field days)</b>   |             |             |                  |   |
| Literature search                   | Nicholas Rodway   | 3.0         | \$350.00    | \$1,050.00       |   |
| Database compilation                |   |             | \$0.00      | \$0.00           |   |
| Computer modelling                  |   |             | \$0.00      | \$0.00           |   |
| Reprocessing of data                | Nicholas Rodway   | 1.5         | \$350.00    | \$525.00         |   |
| General research                    |   |             | \$0.00      | \$0.00           |   |
| Report preparation                  | Nicholas Rodway   | 5.0         | \$350.00    | \$1,750.00       |   |
| Other (specify)                     |   |             |             | \$3,325.00       |   |
|                                     |   |             |             | \$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           |   |
|                                     |   |             |             | \$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           |   |
|                                     |   |             |             | \$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 (5.21 km <sup>2</sup> )   |             |             |                  | <i>note: expenditures here should be captured in Personnel field expenditures above</i>                             |
| 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                        |   |             |             |                  |   |
| Gravity                             |   |             |             |                  |   |
| Digital terrain modelling           |   |             |             |                  |   |
| Electromagnetics                    |   |             |             |                  | <i>note: expenditures for your crew in the field should be captured above in Personnel field expenditures above</i> |
| SP/AP/EP                            |   |             |             |                  |   |
| 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                                | <i>Grab Samples</i>   | 8.0         | \$55.00     | \$440.00         |   |
| Water                               |   |             | \$0.00      | \$0.00           |   |
| Biogeochemistry                     |   |             | \$0.00      | \$0.00           |   |
| Whole rock                          |   |             | \$0.00      | \$0.00           |   |
| Petrology                           |   |             | \$0.00      | \$0.00           |   |
| Other (specify)                     | Panning   | 30.0        | \$10.00     | \$300.00         |   |
|                                     |   |             |             | \$740.00         | <b>\$740.00</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           |   |
|                                     |   |             |             | \$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                             | Flights to Whitehorse   | 2.00        | \$575.00    | \$1,150.00       |   |
| Taxi                                |   | 1.00        | \$35.00     | \$35.00          |   |
| truck rental                        | Mobilize to Atlin   | 1.00        | \$562.00    | \$562.00         |   |
| kilometers                          |   | 600         | 1.00        | \$0.52           | \$0.52  |
| ATV                                 |   |             | \$0.00      | \$0.00           |   |
| fuel                                | Truck   | 1.00        | \$200.00    | \$200.00         |   |
| Helicopter (hours)                  |   | 4           | \$1,226.40  | \$4,905.60       |   |
| Fuel (litres/hour)                  | 214/hr  | 400.00      | \$1.40      | \$560.00         |   |
| Other                               |   |             |             |                  |   |
|                                     |   |             |             | \$7,413.12       | <b>\$7,413.12</b>   |
| <b>Accommodation &amp; Food</b>     | <b>Rates per day</b>  |             |             |                  |   |
| Hotel                               | 1 Night in Whitehorse   | 1.00        | \$175.00    | \$175.00         |   |
| Camp                                | 3 Nights in Atlin   | 2.00        | \$150.00    | \$300.00         |   |
| Meals                               | Actual Cost   | 1.00        | \$350.00    | \$350.00         |   |
|                                     |   |             |             | \$825.00         | <b>\$825.00</b>   |
| <b>Miscellaneous</b>                |   |             |             |                  |   |
| Telephone                           | Sat Phone   | 1.00        | \$100.00    | \$100.00         |   |
| Other (Specify)                     |   |             |             |                  |   |
|                                     |   |             |             | \$100.00         | <b>\$100.00</b>   |
| <b>Equipment Rentals</b>            |   |             |             |                  |   |
| Field Gear (Specify)                | Samp Bags-tape-paper  | 1.00        | \$50.00     | \$50.00          |   |
| Other (Specify)                     |   |             |             |                  |   |
|                                     |   |             |             | \$50.00          | <b>\$50.00</b>  |
| <b>Freight, rock samples</b>        |   |             |             |                  |   |
|                                     | Transportation  |             |             | \$0.00           |   |
|                                     |   |             | \$0.00      | \$0.00           |   |
|                                     |   |             |             | \$0.00           | <b>\$0.00</b>   |
| <b>TOTAL Expenditures</b>           |   |             |             |                  | <b>\$18,378.12</b>  |

## APPENDIX II: Assays



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 This copy reported on  
 19- OCT- 2018  
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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<br>Analyte<br>Units<br>LOD | WEI-21          | PGM-ICP24 | PGM-ICP24 | PGM-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.<br>kg | Au<br>ppm | Pt<br>ppm | Pd<br>ppm | Ag<br>ppm | Al<br>%  | As<br>ppm | B<br>ppm | Ba<br>ppm | Be<br>ppm | Bi<br>ppm | Ca<br>%  | Cd<br>ppm | Co<br>ppm | Cr<br>ppm |
| 12883              |                                   | 0.83            | 1.165     | 0.006     | 0.001     | >100      | 0.10     | >10000    | <10      | 20        | <0.5      | 32        | 2.72     | 171.5     | 21        | 2         |
| 12884              |                                   | 0.84            | 0.049     | <0.005    | 0.001     | 44.2      | 1.75     | 1685      | <10      | 60        | <0.5      | 3         | 1.89     | 59.0      | 24        | 23        |
| 12885              |                                   | 0.83            | 0.001     | <0.005    | <0.001    | 0.9       | 4.24     | 24        | <10      | 50        | 1.6       | <2        | 2.64     | <0.5      | 21        | 4         |
| 12886              |                                   | 1.20            | 0.019     | <0.005    | 0.001     | 9.3       | 0.12     | 114       | <10      | 10        | <0.5      | 4         | 5.07     | <0.5      | 57        | 6         |
| 12887              |                                   | 0.83            | 0.055     | <0.005    | 0.005     | >100      | 0.05     | 7         | <10      | <10       | <0.5      | 59        | 2.59     | >1000     | 98        | <1        |
| 12888              |                                   | 0.73            | 0.001     | <0.005    | 0.002     | 92.2      | 0.02     | 9         | <10      | <10       | <0.5      | 154       | 0.06     | 391       | 45        | <1        |
| 12889              |                                   | 0.62            | <0.001    | <0.005    | 0.001     | 0.5       | 2.86     | 4         | <10      | 90        | 0.8       | 2         | 2.00     | 2.5       | 30        | 192       |
| 12890              |                                   | 0.70            | 0.006     | <0.005    | 0.002     | <0.2      | 0.34     | 3         | <10      | 390       | <0.5      | <2        | 0.08     | <0.5      | 8         | 28        |



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 Account: ZIMCAP

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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 |        |
|--------------------|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|
|                    |                          | Cu ppm    | Fe %      | Ca ppm    | Hg ppm    | K %       | La ppm    | Mg %      | Mn ppm    | Mo ppm    | Na %      | Ni ppm    | P ppm     | Pb ppm    | S %       | Sb ppm |
|                    |                          | 1         | 0.01      | 10        | 1         | 0.01      | 10        | 0.01      | 5         | 1         | 0.01      | 1         | 10        | 2         | 0.01      | 2      |
| 12883              |                          | 8100      | 20.6      | 10        | 1         | 0.06      | <10       | 0.95      | 1895      | 1         | <0.01     | 1         | 70        | >10000    | >10.0     | 1535   |
| 12884              |                          | 548       | 8.21      | 10        | <1        | 0.41      | 10        | 1.34      | 1150      | 2         | 0.14      | 38        | 1650      | >10000    | 6.82      | 28     |
| 12885              |                          | 213       | 5.60      | 10        | <1        | 0.19      | 10        | 2.06      | 693       | 1         | 0.43      | 23        | 3270      | 89        | 3.21      | <2     |
| 12886              |                          | 1040      | 28.2      | <10       | 1         | <0.01     | <10       | 0.22      | 2560      | 1         | <0.01     | 32        | 320       | 203       | >10.0     | 22     |
| 12887              |                          | 2930      | 43.8      | <10       | 2         | <0.01     | <10       | 0.03      | 3650      | 1         | 0.01      | <1        | 850       | 1310      | >10.0     | <2     |
| 12888              |                          | 4430      | >50       | <10       | 2         | <0.01     | <10       | 0.03      | 1420      | 1         | 0.01      | 63        | 280       | >10000    | >10.0     | <2     |
| 12889              |                          | 156       | 5.12      | 10        | <1        | 0.26      | 10        | 1.89      | 566       | 1         | 0.26      | 85        | 2740      | 38        | 2.13      | <2     |
| 12890              |                          | 58        | 2.06      | <10       | <1        | 0.17      | <10       | 0.25      | 150       | 2         | 0.01      | 18        | 330       | 11        | 0.87      | <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   | Sr ppm   | Th ppm   | Ti %     | Ti ppm   | U ppm    | V ppm    | W ppm    | Zn ppm   | Ag ppm  | Cu %    | Pb %    | Zn %    |
| 12883              |                          | <1       | 31       | <20      | <0.01    | 10       | <10      | 4        | <10      | >10000   | 913     |         | >20.0   | 1.925   |
| 12884              |                          | 6        | 35       | <20      | 0.27     | <10      | <10      | 88       | <10      | 6280     |         |         | 1.640   |         |
| 12885              |                          | 2        | 194      | <20      | 0.24     | <10      | <10      | 49       | <10      | 33       |         |         |         |         |
| 12886              |                          | 1        | 107      | <20      | 0.01     | 10       | <10      | 8        | <10      | 91       |         |         |         |         |
| 12887              |                          | <1       | 27       | <20      | <0.01    | 20       | <10      | 8        | 20       | >10000   | 112     |         |         | 12.45   |
| 12888              |                          | <1       | <1       | <20      | <0.01    | 30       | <10      | 12       | 40       | >10000   |         |         | 1.805   | 4.50    |
| 12889              |                          | 7        | 73       | <20      | 0.35     | <10      | <10      | 81       | <10      | 301      |         |         |         |         |
| 12890              |                          | 1        | 2        | <20      | 0.02     | <10      | <10      | 23       | <10      | 43       |         |         |         |         |

