




Ministry of Energy, Mines & Petroleum Resources
 Mining & Minerals Division
 BC Geological Survey

Assessment Report
 Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geochemical

TOTAL COST: \$ 6,198.01

AUTHOR(S): Doug Warkentin

SIGNATURE(S): 

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A

YEAR OF WORK: 2014

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5517306/Aug 12, 2014, 5521700/Sep 10, 2014, 5527304 and 5527305/Oct 21, 2014, 5533500/Dec 8, 2014, 5536933 and 5536934/Jan 05, 2015

PROPERTY NAME: Franklin and Franklin South

CLAIM NAME(S) (on which the work was done): LJ, Silver Queen, Averill NW, Franklin-Nichol, Dane, Union Tails, Franklin SE1, Nellie, McKinley-IXL

COMMODITIES SOUGHT: Au, Ag, Cu, Pt, Pd

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: Franklin Camp - 082ENE (numerous), 082ESE108, 177, 178 and 271

MINING DIVISION: Greenwood

NTS/BCGS: NTS: 082E09W

LATITUDE: 49 ° 33 ' 22 " LONGITUDE: 118 ° 21 ' 07 " (at centre of work)

OWNER(S):

1) Doug Warkentin

2) _____

MAILING ADDRESS:

7069 McBride Street, Burnaby, BC, V5E 1R1

OPERATOR(S) [who paid for the work]:

1) Doug Warkentin

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PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Jurassic, Eocene, Carboniferous-Permian, Penticton Group, Harper Ranch Group, Volcaniclastic rocks, Granites, Kettle River Formation, Marron Formation, Franklin Group, Limestones, Skarns

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 00637, 19504, 17273, 21195, 21768, 23636 24104, 26306, 26440, 26514, 26519, 27328, 27604, 27626, 27750, 27929, 28790, 29306, 33945, 34310, 34714

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| 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 | | | |
| Other | | | |
| Airborne | | | |
| GEOCHEMICAL (number of samples analysed for...) | | | |
| Soil 9 samples, ICP analysis | | Nellie, Dane | 1398.43 |
| Silt | | | |
| Rock 18 samples, ICP analysis and fire assay | | All claims worked (except Dane) | 3915.60 |
| Other | | | |
| DRILLING (total metres; number of holes, size) | | | |
| Core | | | |
| Non-core | | | |
| RELATED TECHNICAL | | | |
| Sampling/assaying 27 samples, ICP and fire assay | | All claims worked | 883.98 |
| Petrographic | | | |
| Mineralographic | | | |
| Metallurgic | | | |
| PROSPECTING (scale, area) | | | |
| PREPARATORY / PHYSICAL | | | |
| Line/grid (kilometres) | | | |
| Topographic/Photogrammetric (scale, area) | | | |
| Legal surveys (scale, area) | | | |
| Road, local access (kilometres)/trail | | | |
| Trench (metres) | | | |
| Underground dev. (metres) | | | |
| Other | | | |
| TOTAL COST: | | | 6198.01 |

**BC Geological Survey
Assessment Report
35033**

Franklin and Franklin South Projects

*Greenwood Mining Division
NTS 082E/08 and /09*

*Project Area Location:
UTM NAD 83: Zone 11, 401000 East, 5490000 North*

**Registered Owner: Doug Warkentin
Operator: Crucible Resources Ltd.**

Geochemical Sampling Report

*Project Tenure Numbers: 939642, 942308, 942313, 943212, 987035, 990683, 1010913,
1010937, 1010965, 1010972, 1010973, 1011003, 1011005, 1011007, 1011017, 1011821,
1013315, 1013856, 1015696, 1016556, 1019846, 1019983, 1024505, 1028442, 1032615.*

*SOW Event Numbers: 5517306, 5521700, 5527304, 5527305, 5533500, 5536933 and
5536934.*

Dec. 12, 2014

Prepared By: Doug Warkentin, P.Eng

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Introduction

Location and Access

The Franklin project lies along the Burrell Creek valley in the Christina Range of the Monashee Mountains of Southeast BC, approximately 65 km north of Grand Forks, BC. It covers part of the historic Franklin Camp, including the abandoned town sites of Franklin and Gloucester City. The general project location is shown in Figure 1.

The property consists mainly of a contiguous grouping of MTO claim blocks covering much of Mt. McKinley and Mt. Franklin, extending across Burrell Creek to the east and along Franklin Creek to the northwest. The project area also includes a separate small claim block nearly adjoining the property to the northwest. The company also holds a separate property, the Franklin South project, located approximately five kilometres to the south, which is not included in this report. Both project areas are crossed by the Burrell Creek Forest Service Road (FSR) which is a well-maintained all-season two wheel drive accessible road which runs along the east side of the Burrell Creek Valley in the project area. Near the northeast boundary of the property a forestry spur road crosses Burrell Creek and splits into two branches, providing access to much of the western part of the project area, including the non-contiguous northwest claim block. These are recently active logging roads that remain in good condition in lower sections, while the present condition of upper sections has not been verified first hand. The entire area was part of an active exploration and mining camp in the early part of the last century, and there are therefore also many overgrown and unmaintained roads and trails accessing old workings.

The area is mountainous, with deep valleys to the west of the broader Burrell Creek Valley. The east-facing slopes tend to be steep, while west-facing slopes are gentler. The climate is generally dry in the summer and the terrain is generally tree-covered, but with relatively little underbrush.

Tenure Information

The Franklin Project currently consists of 22 Mineral Titles Online claims with a total area of 1886 hectares. The project claims primarily form a single contiguous block in the area of the confluence of Franklin, Gloucester and Burrell Creeks, and covering much of Mt. McKinley and Mt. Franklin. It also extends to the northwest along Franklin Creek, including the Twin Creek area. The project also includes the separate 84 hectare 'Averill NW' claim lying immediately to the northwest of the main claim block, further up Franklin Creek. Much of the project area covers parts of the historically active Franklin mining camp, with a long history of past exploration and previous tenures. The area includes many reverted crown granted mineral claims that no longer hold title along with a small number of crown grants that remain in good standing. The active crown grants principally cover the past producing Union and McKinley Mines, along with parts of the Homestake mine area. Together these claims exclude title to approximately 80 hectares of the total project area.

The claims are all owned by the author, and Crucible Resources Ltd. has an option to acquire 100% ownership of these claims. Claim details are shown in Table 1. Expiry dates shown in this table reflect the application of work described in this report.

Figure 2 outlines the tenures of the Franklin Project.



Figure 1 – Franklin Projects Location Map

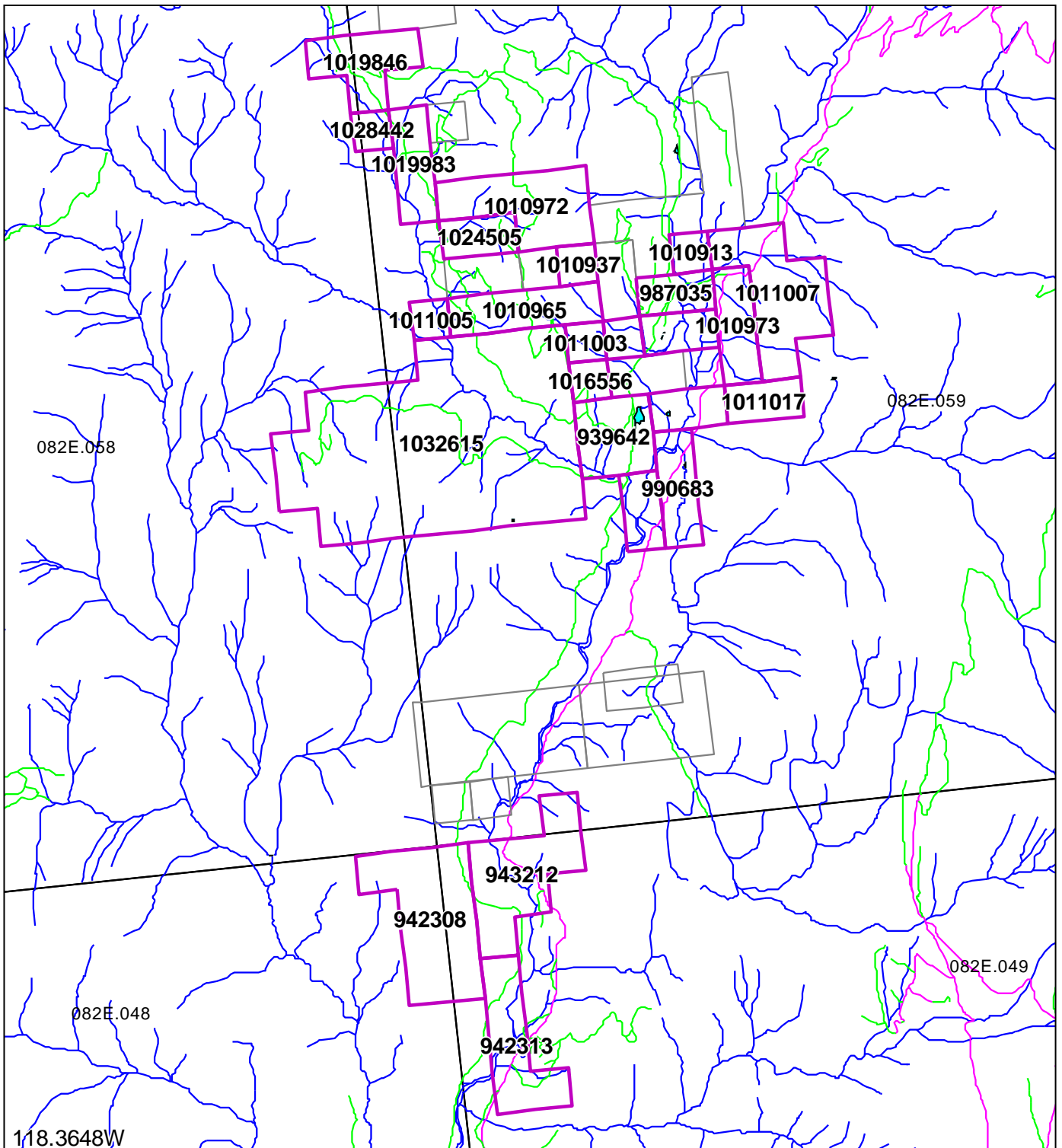


Figure 2 – Project Tenure Outline

Table 1: Franklin and Franklin South Projects - Mineral Tenures

| Tenure Number | Claim Name | Owner | Map Number | Issue Date | Good To Date | Area (ha) |
|----------------------|-------------------|---------------|-------------------|-------------------|---------------------|------------------|
| 939642 | FRANKLIN SE1 | 145582 (100%) | 082E | 2012/jan/03 | 2015/jan/21 | 83.8 |
| 942308 | SILVER QUEEN | 145582 (100%) | 082E | 2012/jan/24 | 2015/jan/24 | 188.8 |
| 942313 | MORREL'S CAMP | 145582 (100%) | 082E | 2012/jan/24 | 2015/jan/24 | 104.9 |
| 943212 | LJ | 145582 (100%) | 082E | 2012/jan/27 | 2015/jan/24 | 146.9 |
| 987035 | UNION FR | 145582 (100%) | 082E | 2012/may/17 | 2015/jan/21 | 41.9 |
| 990683 | FRANKLIN-NICHOL | 145582 (100%) | 082E | 2012/may/28 | 2015/jan/21 | 62.9 |
| 1010913 | PAPER UNION | 145582 (100%) | 082E | 2012/jul/09 | 2015/jan/21 | 21.0 |
| 1010937 | IDAHO UNION | 145582 (100%) | 082E | 2012/jul/10 | 2015/jan/21 | 21.0 |
| 1010965 | BULLION | 145582 (100%) | 082E | 2012/jul/10 | 2015/jan/21 | 83.8 |
| 1010972 | | 145582 (100%) | 082E | 2012/jul/10 | 2015/jan/21 | 125.7 |
| 1010973 | DANE | 145582 (100%) | 082E | 2012/jul/10 | 2015/jan/21 | 62.9 |
| 1011003 | BULLION 2 | 145582 (100%) | 082E | 2012/jul/10 | 2015/jan/21 | 21.0 |
| 1011005 | BULLION 3 | 145582 (100%) | 082E | 2012/jul/10 | 2015/jan/21 | 21.0 |
| 1011007 | FRANKLIN DANISH | 145582 (100%) | 082E | 2012/jul/10 | 2015/jan/21 | 146.7 |
| 1011017 | LITTLE DANISH | 145582 (100%) | 082E | 2012/jul/10 | 2015/jan/21 | 41.9 |
| 1011821 | BULLION 3 | 145582 (100%) | 082E | 2012/aug/05 | 2015/jan/21 | 21.0 |
| 1013315 | UNION | 145582 (100%) | 082E | 2012/sep/29 | 2015/jan/21 | 41.9 |
| 1013856 | FRANKLIN-NICHOL W | 145582 (100%) | 082E | 2012/oct/19 | 2015/jan/21 | 41.9 |
| 1015696 | UNION TAILS | 145582 (100%) | 082E | 2013/jan/04 | 2015/jan/21 | 41.9 |
| 1016556 | NELLIE | 145582 (100%) | 082E | 2013/feb/02 | 2015/jan/21 | 21.0 |
| 1019846 | AVERRILL NW | 145582 (100%) | 082E | 2013/may/28 | 2015/jan/21 | 83.8 |
| 1019983 | AVERILL SW | 145582 (100%) | 082E | 2013/jun/01 | 2015/jan/21 | 62.8 |
| 1024505 | TWIN CREEK | 145582 (100%) | 082E | 2013/dec/19 | 2015/jan/31 | 41.9 |
| 1028442 | AV W PT | 145582 (100%) | 082E | 2014/may/22 | 2015/jun/06 | 20.9 |
| 1032615 | MCKINLEY-IXL | 145582 (100%) | 082E | 2014/dec/08 | 2015/jan/21 | 712.7 |
| Total | | | | | | 2264.0 |

Regional Geology

The Franklin Project covers much of the historic Franklin mining camp. The area is defined by major north-south regional faults that form a graben structure. The Granby fault, which runs to the east of the property, can be traced for more than 100 km to the south, where it forms the eastern boundary of the Republic graben in Washington State. In the Franklin camp area, this fault separates older metamorphic rocks to the east from younger intrusive rocks that surround and partly underlie the Franklin property.

While plutonic rocks are dominant regionally, the geology of the Franklin camp is more complex (Figure 3). The oldest rocks are a sequence of sediments, volcanics and related intrusives known locally as the Franklin Group. These are mapped as part of the Carboniferous Harper Ranch Group, and show strong similarities to the Brooklyn formation in the Greenwood-Grand Forks area (Caron 2004). This group includes argillite, conglomerate, chert, tuffaceous siltstone, limestone and greenstone, often showing significant alteration. The Franklin rocks are intruded by several distinct bodies of plutonic rock, including diorite/granodiorite from the Jurassic aged Nelson batholith and related bodies, as well as Jurassic aged porphyry dikes, the

Jurassic Averill complex and the Eocene Coryell suite, including syenite stocks and lamprophyre dikes. Overlying the Franklin rocks and much of the intrusive rock are Eocene clastic sediments of the Kettle River formation. In addition to sandstones and conglomerates, these rocks include tuffs and some areas of rhyolite. These are in turn overlain by andesites and trachytes of the Eocene Marron formation, which mainly occur at higher elevations.

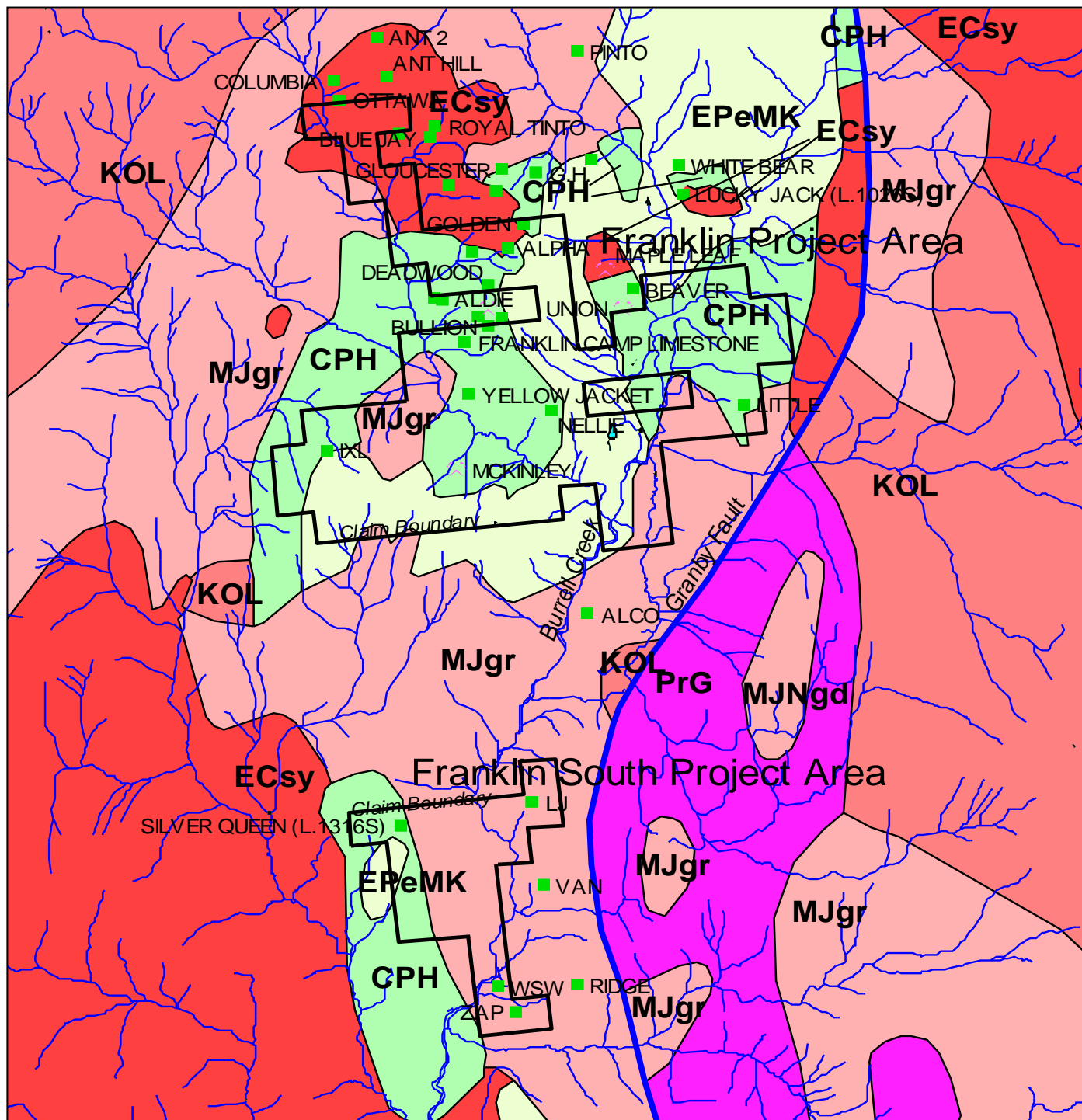
The Franklin rocks were the main focus of early exploration in the Mt McKinley and Mt Franklin areas, particularly for precious metal-bearing quartz veins and for silicified zones and skarn deposits with high base metal values along limestone contacts. Another type of mineralization identified in the early days of exploration was the so-called 'Black Lead' zones of shear hosted massive chalcopyrite with some PGM values. These tend to form small erratic pods along contact zones of the pyroxenite phase of the Averill plutonic complex. The Averill complex was originally correlated to the Eocene Coryell intrusives, but recent dating suggests a Jurassic age. The complex covers much of the north end of the Franklin camp and is a concentrically zoned differentiated intrusion with pyroxenite at its centre, grading outward through monzogabbro to monzonite, with trachytic syenite intruding the pyroxenite and monzogabbro along the axis of the pluton. The black lead mineralization generally occurs along the syenite-pyroxenite contacts.

Other possible styles of mineralization have been identified in more recent exploration programs, including epithermal gold and volcanogenic massive sulphide (VMS). Several areas of epithermal-style alteration and veining have been identified associated with intrusive contact zones but no significant economic mineralization has yet been identified in these areas. There are also apparent intrusive contact zones associated with low-grade base metal mineralization that have seen very limited exploration. The potential for VMS mineralization is suggested by the correlation of the Franklin rocks with similar formations along the Granby fault to the south, where economic VMS deposits have been discovered in the Belcher district in Washington State.

Local Geology

The Franklin Property is primarily underlain by Franklin group rocks and the overlying Eocene sediments and volcanic rocks of the Kettle River and Marron formations. The property also includes significant intrusive contact zones in and around the Franklin rocks. To the northwest the project area includes part of the Averill complex, including some of the known occurrences of the 'Black Lead' mineralization and significant exposures of pyroxenite. The southern claim block includes part of the southern extension of the Franklin Group rocks, especially in the area known as Morrell's camp, as well as a substantial area of granitic rocks to the east which includes several minor mineral occurrences that may be associated with smaller bodies of Franklin rocks, in addition to wider areas showing evidence of hydrothermal alteration.

The project area partly overlaps the main historic producers in the camp, the Union and McKinley, and the other two historic producers, the Maple Leaf and the Homestake, lie close to the property boundary. While the actual mines are covered by active crown granted claims, these are small and do not necessarily cover all potential extensions or parallel zones. By far the most important ore zones discovered to date were at the Union Mine (see Table 2). The ore was a relatively low sulphide replacement-style vein with some adjacent zones of higher base metal sulphide content. The mineralization consisted of a zone of almost complete replacement of a limestone horizon in Franklin sediments which was later fractured into small irregular sections by multiple faults. Precious metal grades were highest at the intersections of these faults, indicating that the faulting also played a role in later mineralization.



- CPH** – Carboniferous to Permian Harper Ranch Group – volcaniclastic rocks
- ECsy** – Eocene Coryell Plutonic Suite – syenitic to monzonitic intrusive rocks
- EPeMK** – Eocene Pentiction Group: Marron, Kettle River, Springbrook, Marama and Skaha Formations – undivided volcanic rocks
- KOL** – Cretaceous Okanogan Batholith: Ladybird and Valhalla Intrusions – undivided intrusive rocks
- MJgr** – Middle Jurassic – granite, alkali feldspar granite intrusive rocks
- MJNqd** – Middle Jurassic Nelson Batholith – granodioritic intrusive rocks
- PrG** – Proterozoic Grand Forks Gneiss/Monashee Complex – paragneiss metamorphic rocks

Figure 3 – Regional Geology, Franklin and Franklin South Areas

Ore grades diminished with depth and to the east, and the vein was truncated by a larger fault to the west. More recent exploration has identified small ore remnants and unmined zones within the old workings, but no definite extensions of the mineralization have been found since active mining ceased in the 1940's. Mill tailings are deposited within the Franklin property boundaries, to the south of the mine, and parts of these have been reprocessed on at least two separate occasions.

Table 2. Historical Production from the Franklin Camp

| Mine | Years of Operation | Production (tonnes) | Gold Production (ounces) | Historical Grades |
|------------|--------------------|---------------------|--------------------------|---|
| Union | 1913-89 | 122,555 | 55,525 | 14.1 g/t Au, 353 g/t Ag, 0.2% Zn, 0.1% Pb, 0.01% Cu |
| Maple Leaf | 1915-16 | 36 | 2 | 1.7 g/t Au, 172 g/t Ag, 7.6% Cu |
| Homestake | 1940-41 | 453 | 223 | 15.3 g/t Au, 30.0 g/t Ag, 0.12% Zn, 0.06% Pb |
| McKinley | 1949 | 132 | 2 | 0.47 g/t Au, 215 g/t Ag, 17.1% Zn, 11.2% Pb |

A significant band of limestone runs through the Franklin Creek valley with a north-south orientation and is associated with the high grade skarn mineralization found at the McKinley mine. Other more poorly defined occurrences have also been identified along this trend and may indicate additional skarn mineralization. At the IXL showing to the west of the McKinley Mine, shallow zones of skarn-type mineralization have also been identified. This area has seen considerable modern exploration; including trenching and drilling that has identified significant zones of copper-gold surface mineralization in Franklin group rocks and altered porphyry intrusives in contact with small bodies of Franklin limestone. Drilling has shown that exposed surface mineralization is generally cut off at shallow depths by intrusive rocks, however the mineralized rocks are covered by Eocene sediments to the east and possible thickening in this direction has not yet been tested.

In the Mt Franklin area numerous smaller quartz veins have been identified in Franklin rocks, some carrying significant gold and/or base metal values. These include the Bullion and Verde showings within the property boundaries and the Banner, Homestake and Deadwood prospects on adjacent claims. Some of these occurrences bear similarities to the Union vein system, and may represent faulted-off western splays of the Union vein. On the southeast flank of Mt Franklin pyrite, chalcopyrite and copper carbonate mineralization occurs in Franklin rocks near the contact with Eocene volcanics at the Nellie showing. This area reportedly shows evidence of hydrothermal alteration associated with nearby intrusives.

In the northwest part of the property the Franklin rocks are intruded by the Averill complex, and at least two occurrences of copper mineralization with platinum values were historically reported, the first being mineralization in a shear zone along the pyroxenite contact at the Golden showing. This occurrence is typical of the Black Lead type of mineralization, while the second occurrence is the Ottawa showing, a larger zone of pyroxenite carrying disseminated copper mineralization that appears to extend into the adjacent historical Evening Star claim area, which was also reported to have a wide zone of lower grade copper mineralization with

minor gold and silver values. The strongest mineralization in the Averill complex has been primarily found in narrow and discontinuous shears along the contact zones between pyroxenite and syenite, where copper, platinum and sometimes other precious metals appear to be concentrated by secondary hydrothermal enrichment. It has been suggested that the source of these values is enriched heavy mineral differentiated zones within the intrusive, likely within the pyroxenite phase.

Table 3: Franklin Projects - Documented Mineral Occurrences

| Name | Minfile # | Location | Minerals | Reported Grades | Width (m) | Year |
|--------------------------------|-----------|----------------|--------------------|--|-----------|------|
| Minfile showings | | | | | | |
| Ottawa | 082ENE061 | Franklin Crk | Pt, Cu | 2.06 g/t Pt | grab | 1918 |
| Verde | 082ENE020 | Mt Franklin | Au, Ag, Cu, Pb, Zn | 5.5 g/t Au | grab | 1915 |
| Alpha | 082ENE052 | Mt Franklin | Au, Ag, Cu | 0.68 g/t Au, 3.42 g/t Ag, 0.8% Cu | 1.5 m | 1965 |
| Golden | 082ENE053 | Mt Franklin | Pt, Cu | 2.06 g/t Pt | grab | 1918 |
| Bullion | 082ENE013 | Mt Franklin | Ag, Au, Cu, Pb, Zn | 1.1 g/t Au, 100 g/t Ag, 2.5% Pb | grab | 2003 |
| Yellow Jacket | 082ENE021 | Mt Franklin | Cu, Pb, Zn | | | |
| Franklin Limestone | 082ENE062 | Mt Franklin | Limestone | | | |
| Nellie | 082ENE059 | Mt Franklin | Cu | | | |
| Little | 082ENE004 | Dinsmore Crk | Pb, Zn | 1.82 g/t Au, 1.9 g/t Ag | 0.07 | 2006 |
| IXL | 082ENE033 | Mt McKinley | Cu, Au, Pb, Zn | 3.85 g/t Au, 0.8% Cu | 5.5 | 2003 |
| Silver Queen | 082ESE108 | Morell's Camp | Ag, Cu, Pb, Au | 48 g/t Ag, 1.0% Cu, 0.5% Pb | grab | 1915 |
| LJ | 082ESE178 | Burrell Crk W | Au, Ag, Cu, Pb, Mo | 2.81 g/t Au, 5.8 g/t Ag, 0.37% Pb | 1.5 | 1991 |
| WSW | 082ESE177 | St. Anne's Crk | Au, Ag, Cu, Pb, Zn | 0.54 g/t Au, 23 g/t Ag, 0.5% Pb, 0.7% Zn | 0.6 | 1991 |
| Zap | 082ESE271 | St. Anne's Crk | Cu, Pb, Zn, Au, Ag | 5.35 g/t Au, 219 g/t Ag, 0.8% Pb, 0.6% Zn | 0.4 | 1991 |
| Non-minfile occurrences | | | | | | |
| Dane | | Dane Crk | Au, Ag, Cu | 2.16 g/t Au, 162 g/t Ag, 5.7% Cu | grab | 2006 |
| Golden Zone | | Gloucester Crk | Au | | | |
| Mary Ann | | Gloucester Crk | Au | | | |
| Evening Star | | Franklin Crk | Pt, Cu, Au, Ag | \$0.49 to \$14.35 in Au, Cu and Ag | 2-400 m | 1906 |
| CPR | | Morell's Camp | Ag, Cu, Pb, Au | 0.07 g/t Au, 67 g/t Ag, 0.16% Cu, 0.13% Pb | grab | 2012 |
| Tripoli | | Morell's Camp | Ag, Cu, Pb, Au | | | |
| Black Bear | | Morell's Camp | Ag, Cu, Pb, Au | | | |
| Last Chance | | Mt McKinley | Au, Ag | 1.9 g/t Au, 13.5 g/t Ag, 0.1% Zn | grab | 2005 |
| Jack | | Mt McKinley | Zn, Ag, Cu | 17.5 g/t Ag, 2.9% Pb, 6.5% Zn | grab | 2005 |

To the east of Burrell Creek few mineral showings are reported, but recent work has identified at least one previously explored mineralized shear zone referred to as the Dane showing. It occurs in Franklin volcanics not far from a contact with granodiorite intrusive rocks. The Dane showing includes significant gold values in addition to copper and silver values. High copper and silver values, with or without gold values, is a more common pattern of mineralization to the south of the main Franklin camp, normally occurring in east-west striking veins or shear zones. In the Mt. Franklin area mineralized veins are more typically associated with lead and zinc mineralization, which can also carry high silver values. To the south, in addition to the small east-west striking copper-bearing vein structures, there are small showings of high grade contact mineralization as well as intrusive-related copper-zinc and copper-molybdenum mineralization. There is also evidence of an epithermal-style vein system in granodiorite which

parallels the north-south trending Granby Fault. In places these veins are reported to carry localized gold values.

A summary of all known showings occurring within the Franklin and Franklin South project claim areas is included in Table 3.

Property History

The property has a long history of exploration, and some minor development. None of the past producing mines in the camp are directly covered by the property, although the principal ones are located on small active crown-granted mineral claims that are partly or fully overlain by MTO claims that are part of the property. The Franklin property covers much of the historical Franklin camp, which was actively explored beginning in the 1890's, and was the source of minor base metal and more substantial precious metal production (Table 2) in the first half of the last century. The Franklin South property includes much of the historical Morrell Camp on the west side of Burrell Creek, as well as some areas on the east side of the creek that have a more recent exploration history.

Franklin Camp

Exploration in the Franklin camp area began around 1896, when the first claims were staked. The camp was very active in the early 1900's when most of the principal showings were discovered and developed with small shafts and adits. As early as 1901 the Banner vein had seen considerable development and test shipments had been made. During this same period considerable development occurred on the McKinley property and ore shipments may have been made during that period, although there is no record of the production.

The Union vein was discovered in 1913 when a silicified zone near earlier workings on a quartz vein carrying lead and zinc was found to be rich in gold and silver. Shipments of high grade ore began almost immediately from a large open cut, with adits later developed to access more of the ore. Further development and small shipments continued from the Union vein until 1920, when operations were shut down due to the high cost of transporting ore to the smelter.

In 1918 the federal government's munitions department evaluated the camp for its platinum potential after the metal was identified in ore shipped from the Maple Leaf claim. Numerous showings of copper from the 'Black Lead' zones were sampled, with grades ranging from 2 g/t to 13 g/t Pt, with the highest grades coming from the Maple Leaf. Sample from the Golden and Ottawa showings both assayed 2.06 g/t Pt.

In 1927 Hecla Mining Company bonded the Union and Maple Leaf properties and began to develop milling ore on the Union vein. By 1929 a 145 ton per day concentrator had been constructed and milling operations began in 1930. Full mine production lasted until 1932, when most of the known ore had been mined out, and the mine closed in 1933. In that same year a cyanidation plant was constructed to retreat the tailings, which operated from 1934-36. Lease operators produced a small amount of additional ore between 1937 and 1942. During this same period a small amount of ore was also produced from the nearby Homestake mine and processed in the Union mill.

In 1964 Franklin Mines Ltd acquired most of the Franklin camp and carried out geological and geophysical surveys along with limited sampling of old workings. This included sampling of the Alpha tunnel, within the current project area, which averaged 0.12% Cu and 1 g/t Ag over its entire 18 meter length, with the 3 meters before the face assaying 0.41% Cu, 5.1 g/t Ag and 0.69 g/t Au.

In 1968 Newmont Exploration acquired part of the camp and carried out a work program which included airborne and ground geophysics, trenching and drilling of three holes at the IXL showing in 1969. Limited information is available regarding this work program, but in general, good mineralization was encountered in trenches but this same mineralization was not found in the drill core. One of the holes reportedly encountered ultrabasic rocks with disseminated chalcopyrite, but this zone was not assayed.

In 1979 Pearl Resource acquired part of the camp, including the Union mine and surrounding area. Their work focused on the Union mine and included re-opening the lowest adit and a program of underground drilling in 1984.

In 1986 Longreach Resources Ltd acquired a large part of the Franklin camp and carried out an exploration program that included geochemical sampling, geophysical surveys and drilling. The following year the property was renamed the Platinum Blonde property and optioned to Placer Development Limited who carried out additional drilling, prospecting and geochemical sampling over the entire property. This project was focused mainly on PGM mineralization and the property primarily covered the northern part of the camp, overlapping much of the northern and north-western portions of the current Franklin project claims. This work identified several soil anomalies that do not appear to have been fully investigated, including a strong and fairly extensive copper anomaly in the northwest, in an area likely underlain by a pyroxenite unit in the Averill complex rocks. Prospecting also resulted in several gold-bearing samples being collected in the Twin Creek area, including one assaying 16.8 g/t Au. No follow-up in this area is recorded.

From 1987 to 89 Sumac Ventures ran a heap leach operation on the Union tailings, reportedly recovering 13,300 grams of gold and about 400,000 grams of silver from 42,500 tonnes of tailings and waste rock.

In 1991 Canamax conducted an airborne geophysical survey over the IXL area along with rock and soil sampling. A new zone of low-grade copper mineralization in diorite was identified about 1.5 km south of the main IXL showing.

In 1993 and 94 Sway Resources drilled up to 29 short diamond drill holes and 14 percussion holes in the Banner-Homestake area. They also carried out rock and silt sampling, and 900 meters of diamond drilling in 8 holes at the IXL showing, but available results of this work are very limited and poorly documented. Some high grade drill intercepts were reported to the west of the Homestake workings, in an area known as the North Banner showing.

In 1999 William Wilkinson carried out prospecting work on a claim group in the northwest part of the camp, mainly around the Buffalo, Ottawa and Averill showings. Some high grade copper samples were collected from old workings and at one short adit to the west of the Buffalo workings two samples returned significant Rare Earth element values.

In 2001 Tuxedo Resources Ltd. acquired much of the south and west portions of the Franklin camp and an airborne geophysical survey was flown that year. In 2003 rock sampling, soil geochemistry, trenching and a small drill program were carried out in the IXL and Banner-Homestake areas. Good mineralization was encountered, but the extent was limited. A single drill hole showed significant widths of low grade gold mineralization below the IXL trenches.

In 2004 Solitaire Minerals carried out trenching and a limited drill program in the Union and Maple Leaf areas. Drilling failed to find the western extension of the Union vein, but work on the Maple Leaf crush zone identified low grade gold mineralization.

Also in 2004, New Cantech Ventures conducted an 11 hole, 1741 meter drill program at the IXL showing, indicating that encouraging surface mineralization encountered in trenches was generally cut off at shallow depths by feldspar porphyry and syenite intrusions. Follow-up work in 2005 by Nanika Resources Inc. found evidence of new mineralized zones to the east, near the McKinley mine, mainly based on samples showing good zinc grades, but also occasional samples with good copper, silver and gold grades at the Jack and Last Chance showings. No follow-up work was reported.

In 2006 and 2007 Yankee Hat Minerals conducted limited rock sampling and prospecting in the Dane and Little area and conducted an airborne geophysical survey covering much of the Franklin camp, including some less-explored areas to the east of Burrell Creek. Few strong targets were identified with the exception of a relatively strong conductivity target to the south of the Dane showing. A small subcrop sample of gold in quartz was also found somewhat further to the south, a few hundred meters northwest of the probable location of the Little showing.

Sampling by Crucible Resources in 2012 and 2013 confirmed the presence of high grade copper-gold-silver mineralization at the Dane showing, and soil sampling showed some anomalous base metal values in the same area. Copper-gold mineralization was identified at the Nellie showing, and the Union tailings were sampled to estimate remaining values.

Morrell's Camp

The Morrell Camp includes two groups of former crown granted mineral claims that date back to the early part of the 1900's. Numerous poorly documented workings were developed during the early active periods of the Franklin camp, but in later years there appears to have been much less activity, and no reference to significant work in this area has been found later than the 1930's. The only documented Minfile showing from the camp is the Silver Queen. The dump from a shaft was sampled in 1914, returning 48 g/t silver and 1.0 % copper and only a 'trace' of gold. The shaft was flooded at that time and presumably dated from even earlier.

To the east of Burrell Creek the first discovery of mineralization was in 1973 when this area was opened by a logging road. The Van, LJ and WSW showings were discovered at that time. The area was restaked in 1987 and small surface programs of geochemistry and geophysics were performed between then and 1993, resulting in some additional discoveries, including the Zap sulphide zone and the epithermal-style Ridge zone of quartz stringers with minor precious metal values.

Sampling of the Silver Queen dump in 2012 confirmed the 1914 numbers, giving 44 g/t silver, 0.53% copper and 65 ppb gold. A sample from the dump of a small shaft encountered on the former C.P.R. claim showed similar gold values with slightly higher silver and lead values and lower copper values. Follow-up flotation testing indicated much higher gold values for the samples collected at both of these locations.

Summary of Work

A total of three days were spent in the Franklin property and one day was spent on the Franklin South property between July 2nd and September 26th, 2014. Work on the Franklin property included prospecting in several areas, including near Nichol Creek and areas around the Nellie and Yellowjacket showings and in the Ottawa area in the northwest part of the property. Waste rock piles were sampled near the Union mine tailings site and a small number of geochemical soil samples were collected in the Dane and Nellie areas. On the Franklin South property prospecting was carried out in the Morrell Camp area.

A total of fifteen rock samples were collected from the Franklin property, including thirteen prospecting samples and two waste dump samples. A further three rock samples were collected from Franklin South. A total of nine soil samples were also collected from two separate locations on the Franklin property.

Work Program

Sampling and Data Collection

Samples were collected on site visits carried out on July 2nd and 3rd, and September 25th and 26th. Locations visited included the Morrell Camp area of the Franklin South property, sites near Nichol Creek and the Dane showing on the east side of Burrell Creek on the Franklin property, the Union mine tailings site and areas around the Nellie showing on the east side of Burrell Creek, a site near the Yellowjacket showing, and the areas around the Ottawa showing and Evening Star reverted crown grant along Franklin Creek. Relevant sample locations and key assay values are identified on the maps in Appendix 1. Location coordinates and assay results for rock samples are also summarized in Table 4, and results for all samples, including soils are also shown on the map in Appendix 1. Complete assay reports are included in Appendix 2. All rock samples were dried, crushed, split and a sub-sample was pulverized before being analyzed. Most rock samples were digested in aqua regia using a 0.5 gram sample and analyzed with a 36 element scan by ICP-MS. Seven samples, which were collected from Averill Complex rocks in the northwest part of the Franklin property, were also analyzed for platinum and palladium. Five were analyzed by lead-collection fire assay of a separate 30 gram sub-sample with determination of gold, platinum and palladium by ICP-ES, in addition to the same 36 element ICP-MS analysis as other samples. Two of the samples were instead analyzed with a 39 element scan by ultra-trace ICP-MS following aqua regia digestion of a 0.5 grams sample, which included platinum and palladium in the scan. Soil samples were dried and screened at 80 mesh before being digested in aqua regia using a 0.5 gram sample and analyzed by a 36 element standard ICP-MS analysis. All analyses were carried out by Acme Analytical Laboratories Ltd. in Vancouver.

The locations visited and samples collected are described below.

Rock and Tailings Site Samples

The first site visited was a hillside west of the Burrell Creek road in the Nichol Creek area. A single sample from this area was reported to have carried elevated copper and silver values, but no clear copper mineralization was identified in the area visited. An area of alteration was identified, including minor quartz veins and silicified granodiorite. A chip sample (CR140702-1) was collected which carried minimal values.

In the vicinity of the Nellie showing four chip samples were collected from mineralized exposures, but no significant values were found. The first two samples (CR140702-2 and -3) were from wide gossanous alteration zones in Franklin volcanics, showing substantial pyrite content. Sample CR140702-4 was from a small mineralized seam exposed in an old exploration pit and sample CR140702-5 was from an outcropping ridge near a previous sample location that had returned significant copper and gold values, but in this case the values were only slightly anomalous.

Previous sampling at the tailings site from the former Union mine has indicated that much of the tailings still hold significant values in gold and silver despite previous reprocessing operations. Some significant but erratic gold grades were also found in small waste rock piles found at the site. Two new waste rock samples were collected as a part of the current program. The first (CR140703-1) came from a larger waste/soil dump that had not previously been sampled, and

values were anomalous for gold and silver, but not ore grade. The second sample (CR140703-2) was a series of grabs from the small dump that had previously returned some very high values. In this case values were significant, but did not match previous high grades.

Table 4 - Rock Sample Description and Analytical Results

| Sample # | Date | Description | UTM East | UTM North | Width (m) | Au g/t | Ag g/t | Pt g/t | Pd g/t | Cu % | Pb % |
|-----------------------------------|------------|--|----------|-----------|-----------|---------|--------|--------|--------|-------|------|
| Nichol Creek Area - Rock | | | | | | | | | | | |
| CR140702-1 | 02/07/2014 | silicified seams in granodiorite | 401803 | 5487632 | 1.0 | <0.0005 | <0.1 | - | - | 0.001 | 0.00 |
| Union Tailings Area - Rock | | | | | | | | | | | |
| CR140703-1 | 03/07/2014 | Large rock/soil dump - fines | 402057 | 5489765 | - | 0.251 | 10.9 | - | - | 0.011 | 0.00 |
| CR140703-2 | 03/07/2014 | Small waste rock dump | 402027 | 5489817 | - | 0.573 | 25.2 | - | - | 0.010 | 0.01 |
| Nellie Area - Rock | | | | | | | | | | | |
| CR140702-2 | 02/07/2014 | Shear in silicified volcanics with py | 400838 | 5488923 | 10 | 0.003 | <0.1 | - | - | 0.004 | 0.00 |
| CR140702-3 | 02/07/2014 | Pyritic silicified volcanics in road cut | 400883 | 5488993 | 4.0 | <0.0005 | 0.2 | - | - | 0.006 | 0.00 |
| CR140702-4 | 02/07/2014 | Narrow shear with py in old pit | 400960 | 5489164 | 0.75 | 0.003 | <0.1 | - | - | 0.003 | 0.00 |
| CR140702-5 | 02/07/2014 | Altered volcanics with Fe oxide staining | 400825 | 5489171 | 4.0 | 0.012 | <0.1 | - | - | 0.005 | 0.00 |
| Yellowjacket Area - Rock | | | | | | | | | | | |
| CR140703-3 | 03/07/2014 | grab, gossanous outcrop in volcanics | 399831 | 5489546 | - | <0.0005 | 0.2 | - | - | 0.010 | 0.00 |
| Northwest Area - Rock | | | | | | | | | | | |
| CR140703-4 | 03/07/2014 | Massive pyrox with some mal stain | 398720 | 5493420 | 12 | 0.03 | 0.5 | 0.044 | 0.070 | 0.051 | 0.00 |
| CR140703-5 | 03/07/2014 | qtz-cc vein float with mal stain | 398702 | 5493440 | - | 0.01 | 4.2 | <.0003 | <.0002 | 0.064 | 0.00 |
| CR140925-1 | 25/09/2014 | Chips from tunnel - seam in pyrox | 398785 | 5493660 | - | 0.00 | 0.2 | 0.008 | 0.005 | 0.032 | 0.00 |
| CR140925-2 | 25/09/2014 | Ottawa showing chips across cut | 398778 | 5493558 | 3.2 | 0.02 | 0.5 | 0.022 | 0.026 | 0.032 | 0.00 |
| CR140925-3 | 25/09/2014 | Ottawa showing, adjacent to -2 | 398778 | 5493558 | 1.6 | 0.02 | 0.7 | 0.030 | 0.034 | 0.061 | 0.00 |
| CR140925-4 | 25/09/2014 | Pyroxenite outcrop | 399166 | 5493357 | 0.5 | 0.01 | 0.3 | 0.003 | 0.024 | 0.034 | 0.00 |
| CR140925-5 | 25/09/2014 | Narrow qtz-cpy vein - pyrox skree boulder | 399100 | 5493350 | - | 0.62 | 14.3 | 0.159 | 0.608 | 0.748 | 0.00 |
| Morell Camp Area - Rock | | | | | | | | | | | |
| CR140926-1 | 26/09/2014 | Narrow qv in granodiorite, side of open cut | 398692 | 5482541 | 0.10 | 0.005 | 0.2 | - | - | 0.004 | 0.00 |
| CR140926-2 | 26/09/2014 | CPR shaft dump quartz vein material | 399187 | 5482776 | - | 0.025 | 23.9 | - | - | 0.035 | 0.06 |
| CR140926-3 | 26/09/2014 | CPR shaft dump alt volc and diorite w all rock | 399187 | 5482776 | - | 0.005 | 1.0 | - | - | 0.022 | 0.00 |

A short traverse was carried out above the Franklin Creek road in the vicinity of the historical Yellowjacket occurrence. No evidence of the showing or any workings was found, but a small alteration zone was noted to the west, which was sampled (CR140703-3) but returned almost no values.

Much of the current work on the Franklin property focused on the northwest part of the property, around the Ottawa occurrence and the former Evening Star claim. The area was visited twice, and multiple examples of copper occurring in pyroxenite were noted. On the first visit two samples

were collected. The first was a composite of grab samples over a 12 meter outcrop of pyroxenite in a road cut (CR140703-4), with malachite staining evident in multiple locations. The second was quartz vein float material showing minor malachite staining and small patches of sulphides (CR140703-5). On this visit some small historical workings were identified but not sampled as there was a lack of visible mineralization.

On the second visit, additional old workings were identified. One short adit was found, which may have been part of the Columbia showing. A seam or vein in the back was chip sampled (CR140925-1). This seam occurred in pyroxenite host rock but contained little mafic mineral and minimal visible sulphides. The sample was slightly anomalous in copper, but otherwise contained no values. Further to the south an exposure of pyroxenite with some malachite staining was found. It appeared possible that there had been a small open cut here in the past, but it may also have been a natural formation. This does appear to be in the same general area as the historically reported Ottawa open cut, which was sampled for platinum in 1918. Two samples were collected here, the first (CR140925-2) was a 3 meter wide chip sample across the possible cut, while the second (CR140925-3) was a chip sample over approximately 1.5 meters of mineralized pyroxenite forming a small spur immediately south of sample -2. Both samples showed slightly anomalous copper and precious metals values. Upslope to the east is a large talus slope containing a large numbers of syenite and pyroxenite boulders, with some showing malachite staining. To the east of this talus field, a sample of outcropping pyroxenite was collected where no obvious alteration or secondary mineralization was visible (CR140925-4). The intent was to obtain some background data on the mineral content of the large mass of pyroxenite present in this area. This sample did carry slightly anomalous levels of copper and palladium. One final sample was collected from a large pyroxenite boulder in the talus field. This sample (CR140925-5) was a small chip sample from a narrow vein on the side of the boulder which was well mineralized with chalcopyrite, malachite and some pyrite. As the boulder was broken along the vein, the true width was uncertain, but segments 5-10 cm thick were noted. In addition to the expected copper values (0.75%), significant precious metal values were also present, including 0.77 g/t combined Pt and Pd.

The final day of site work was spent on the Franklin South property. A traverse was run through the area of the historical Morrell's Camp, on the west side of Burrell Creek. The area investigated was primarily underlain by granodiorite, and relatively little alteration or mineralization was seen. Only one new site of historical workings was identified, a small open cut on the historical Juditti claim. The cut was in granodiorite and appeared to follow a small shear containing a narrow quartz vein and minor amounts of pyrite. A sample (CR140926-1) was collected across the vein, but no values were obtained. An old shaft on the old CPR claim was also visited, as a follow-up to previous sampling and testing, which had shown interesting values in silver, copper and gold. Two samples were collected from the shaft dump, one representing quartz vein material, with and without mineralization (CR140926-2) and the other representing altered wall rock (CR140926-3). The vein material showed higher values than the wall rock, but both were significantly lower than previous results.

Soil Samples

A total of 9 soil samples were collected from two areas of the Franklin property. Five samples were collected on July 2nd along the Franklin Creek road in the vicinity of the Nellie showing. These were the first soil samples collected in this area and were meant to provide preliminary background data as well as potentially identify changes in mineral content across a possible geologic transition mapped in area. All values were quite low, with the exception of one sample (CR140702-G4) which gave a slightly elevated response for copper and precious metals.

On the following day (July 3rd) four additional soil samples were collected in the area south of the Dane showing. Some of this area has been sampled on previous occasions and the current sampling was meant to expand sampling in an area considered promising based on geophysics and surrounding geochemical results. In total there have been 47 soil samples collected to date in the area south of the Dane showing. Values were mainly in line with previous sampling with the exception of sample CR140703-G3, which had an anomalous silver value in addition to an unusually high lanthanum value, which could be an indicator of possible localized rare-earth mineralization.

Interpretation of Results

In most of the sampling carried out there was relatively little valuable mineralization. Samples from Nichol Creek, Nellie and Yellowjacket areas failed to identify any mineralized zones of interest, but the coverage of these areas has been limited and better showings are likely present. The work at the Nellie showing failed to expand upon previous positive results, and the value of further work here is uncertain. Similarly on the Franklin South property no new mineralized areas were found, and previous promising results from the CPR showing were not repeated in follow-up sampling.

Rock sampling in the Ottawa and Evening Star area was more encouraging, even though samples were generally low grade. There is a large body of pyroxenite in this area that seems to carry high background levels of copper and precious metals. Of particular interest is a large boulder field where higher grade vein material has been found. Follow-up to examine higher elevations of this field would be justified in order to look for concentrations of higher grade materials and trace them back to bedrock sources. It is of interest that the high grade vein material sampled was not the typical 'black lead' mineralization, but a quartz vein carrying sulphides, and that gold was an important component, along with palladium, platinum, silver and silver.

The waste rock samples from the Union tailings area showed that there is a much larger amount of waste rock piled here than considered in the previous survey, but the grade was low. The small sample collected would not likely be representative of the entire dump, but the presence of values in this pile could be significant if further sampling indicates sufficient recoverable values.

Soil samples at the Nellie showing indicated that background values in the area were low, with anomalous values occurring in only one sample. It may be worth carrying out a larger soil sampling program in this area, but the target may be more localized high grade mineralization rather than bulk tonnage targets. At the Dane area only a few additional samples were added to previous soil sampling coverage, and values for most economic minerals were similar to previous samples, although sample CR140703-G3 gave the highest silver value (1.6 ppm) of any of the 47 samples collected to date in this area. In addition, variations in indicator elements in this and sample CR140703-G4 suggest a change in underlying rock type, or the presence of a zone of alteration. This could represent mineralization occurring along a contact zone and is worth some follow-up to determine if this pattern continues on the surrounding ground. The high rare earth values are also of interest, as this has not been observed in previous sampling on this part of the property.

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Author's Qualifications

I, Douglas Warkentin, P.Eng., a professional engineer with a business address at 745 East 30th Ave., Vancouver, B.C., certify that:

I have been a Registered Member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia since 1992.

I am a graduate of the University of British Columbia, Vancouver, B.C. and hold a degree of Bachelor of Applied Science in Mining and Mineral Process Engineering.

I have practiced my profession as a Metallurgist and Mineral Process Engineer for 26 years.

I am currently employed as a Metallurgical Engineer by Kemetco Research Inc., Vancouver B.C., and have previously been employed as a Mineral Process Engineer by Vista Mines Inc., Coastech Research Inc., NTBC Research Corp., Biomet Mining Ltd., Blue Sky Mines Ltd., and Vizon Scitec Inc. I also serve as a Director of Duncastle Gold Corp., a TSX-Venture listed company.

Since 2001 I have acted as an independent engineering consultant for a number of mining clients.

I am a qualified person for the purposes of National Instrument 43-101 in relation to metallurgical testing and evaluation programs.

I directly conducted or supervised all sampling, sample handling and preparation related to the Franklin Project that is described in this report.

I am the sole author of this report.

I am not aware of any material fact or material change with respect to the subject matter of this technical report that is not reflected in this report, the omission to disclose which would make this report misleading.

Dated at Vancouver, B.C., this 12th day of December 2014.

Doug Warkentin, PEng.
Metallurgical Engineer

Statement of Costs

Site Prospecting and Geochemical Sampling

| | | |
|---|--|------------------|
| Logistics and Site Labour | | |
| Doug Warkentin: | July 1-5, 2014 (30 hours @ \$55/hr) | \$1650.00 |
| | Sept. 23-27, 2014 (27 hours @ \$55/hr) | <u>\$1485.00</u> |
| | Total Labour | \$3135.00 |
| | | |
| Transportation (8 days vehicle rental, plus fuel) | | \$650.62 |
| Food and Supplies (8 days) | | \$538.40 |

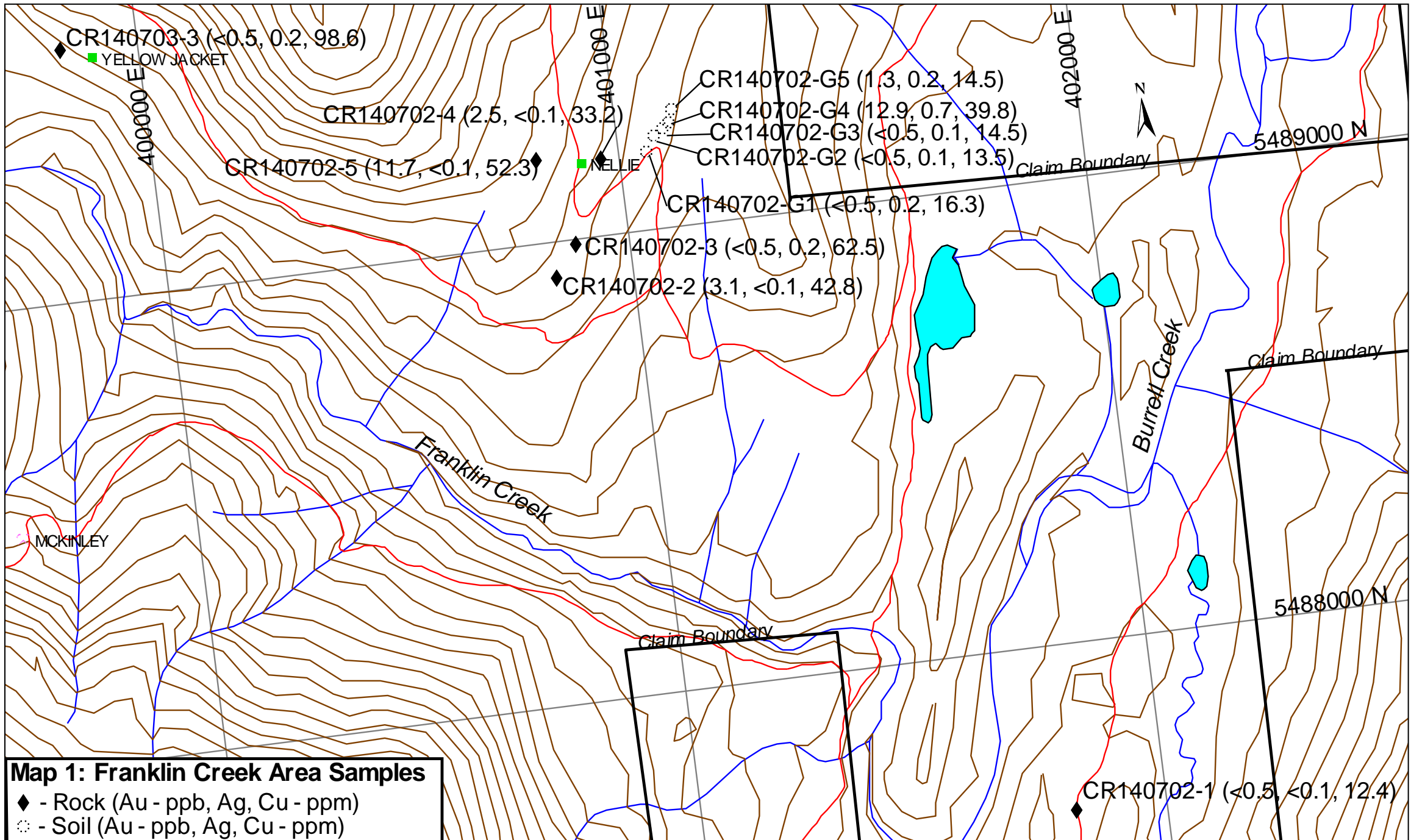
Sample Analysis

| | | |
|--------------------|--|----------|
| Sample Preparation | (9 samples @ \$7.50/sample) | \$67.50 |
| | (18 samples @ \$14.25/sample) | \$256.44 |
| Sample Assaying | (25 samples, ICP-MS @ \$16.88/sample) | \$422.03 |
| | (2 samples, ICP-MS+PGM @ \$22.68/sample) | \$45.36 |
| | (5 samples, fire assay @ \$18.53/sample) | \$92.65 |

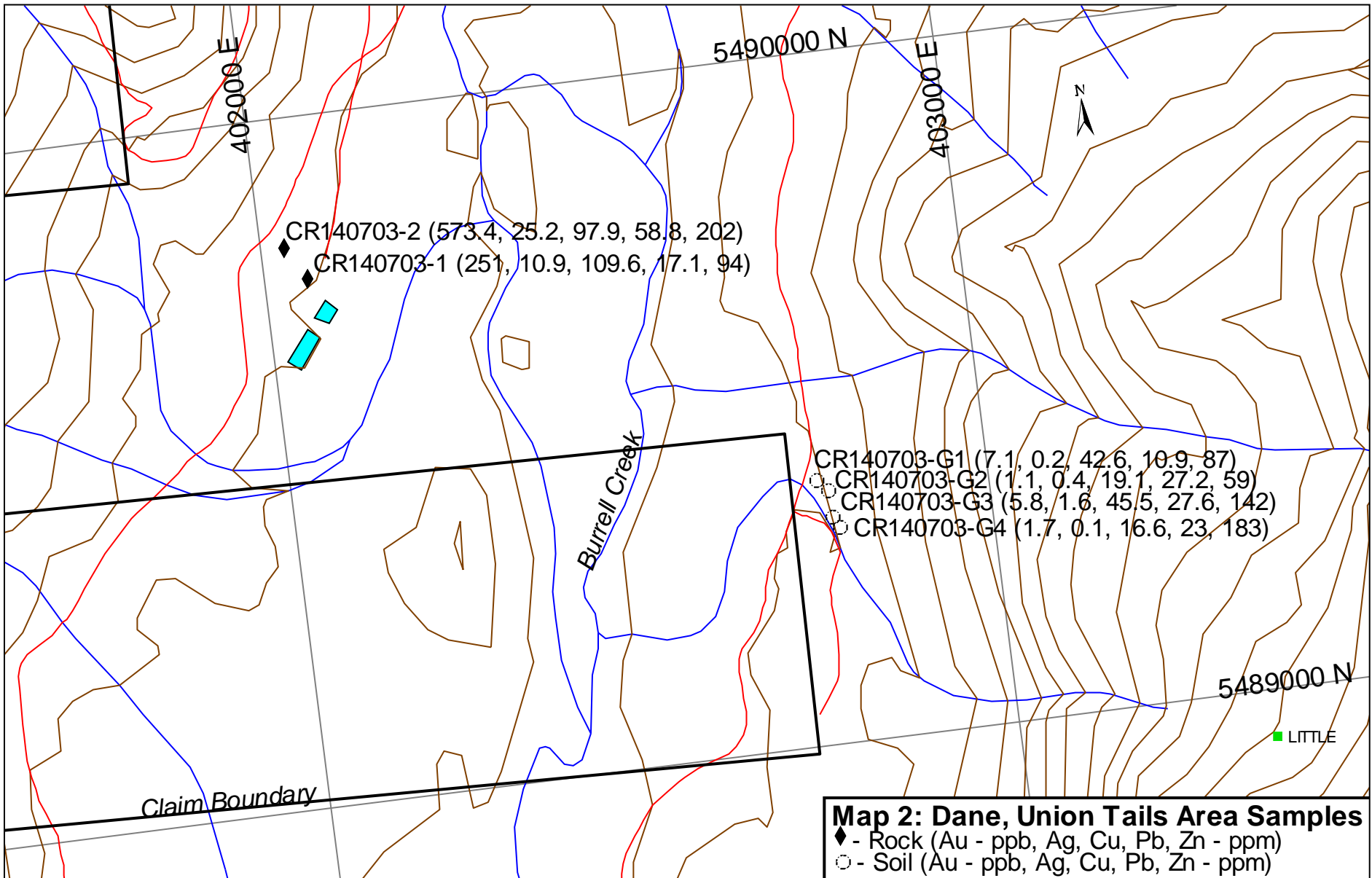
| | |
|--|-----------------|
| Report Preparation and Data Compilation | \$990.00 |
|--|-----------------|

| | |
|-------------------|-------------------|
| Total Cost | \$6,198.01 |
|-------------------|-------------------|

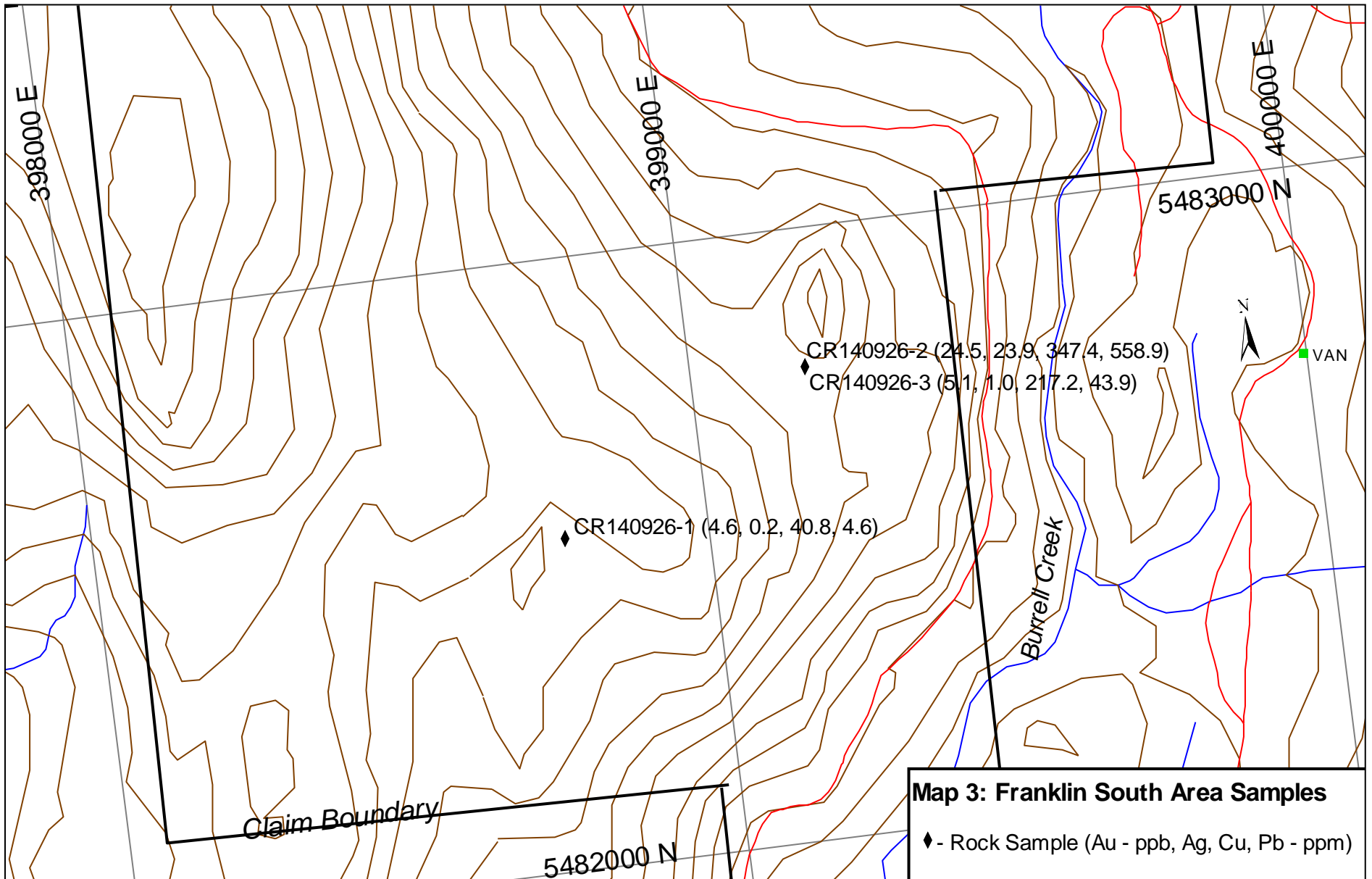
Appendix 1 – Sample Location Maps



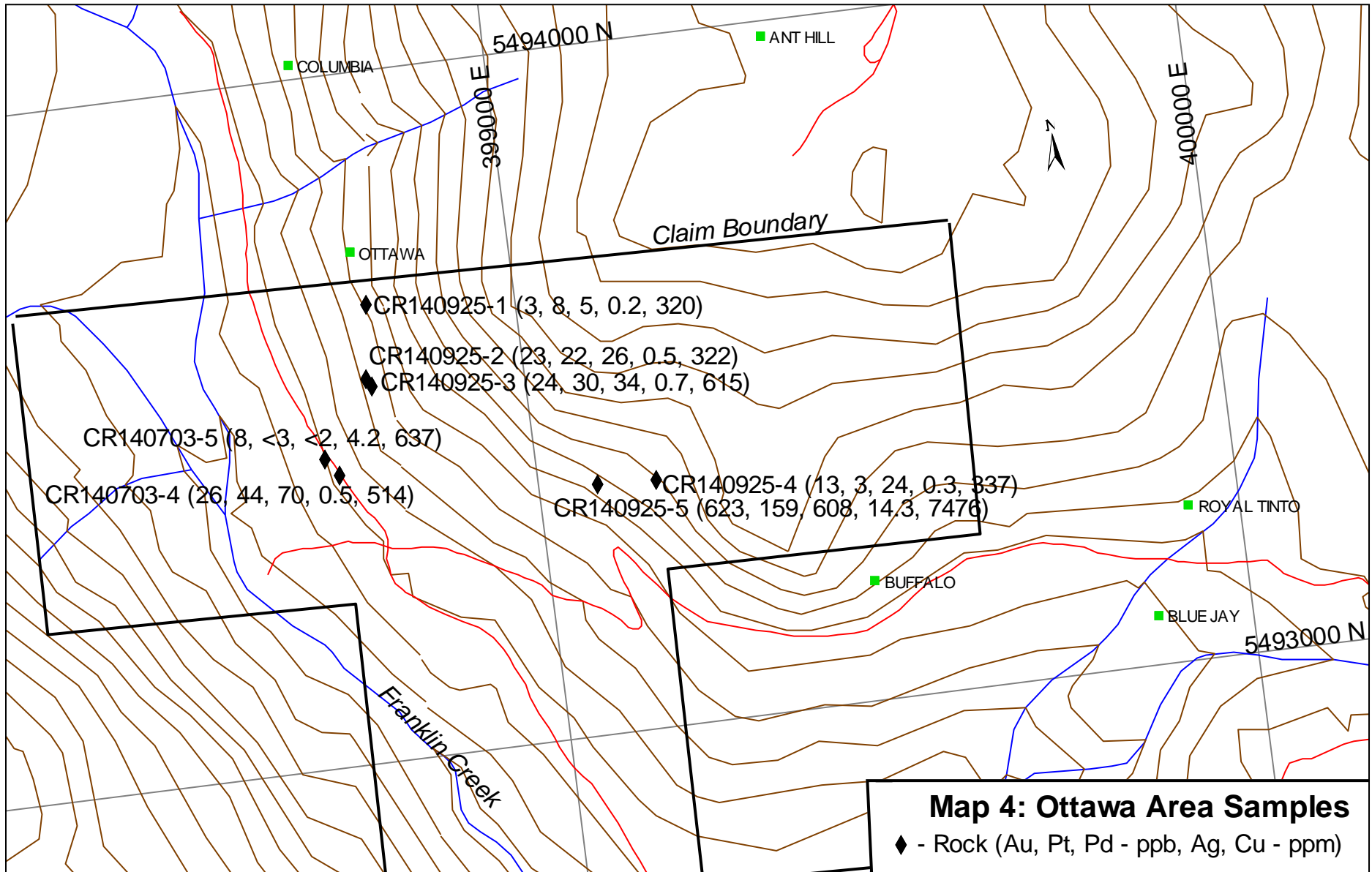
Scale 1:10,000



1:8000



Scale 1:9000



Scale 1:8000

Appendix 2 – Assay Reports



www.acmelab.com

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: Crucible Resources Ltd.
745 East 30th Ave
Vancouver BC V5V 2V8 CANADA

Submitted By: Doug Warkentin
Receiving Lab: Canada-Vancouver
Received: August 08, 2014
Report Date: September 04, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN14002563.1

CLIENT JOB INFORMATION

Project: Franklin/Nevada
Shipment ID:
P.O. Number:
Number of Samples: 15

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 7 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include PRP70-250, AQ200, FA330, and AQ374.

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Crucible Resources Ltd.
745 East 30th Ave
Vancouver BC V5V 2V8
CANADA

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ""*"" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



www.acmelab.com

Bureau Veritas Commodities Canada Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Crucible Resources Ltd.**
 745 East 30th Ave
 Vancouver BC V5V 2V8 CANADA

Project: Franklin/Nevada
 Report Date: September 04, 2014

Page: 2 of 2

Part: 1 of 3

CERTIFICATE OF ANALYSIS

VAN14002563.1

| Method | Analyte | WGHT | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|------------|---------|------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P |
| | Unit | kg | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| | MDL | 0.01 | 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 |
| CR140702-1 | Rock | 2.66 | 0.4 | 12.4 | 3.8 | 43 | <0.1 | 21.7 | 12.1 | 531 | 3.17 | <0.5 | <0.5 | 5.7 | 62 | <0.1 | <0.1 | 0.1 | 136 | 0.90 | 0.019 |
| CR140702-2 | Rock | 2.36 | 2.1 | 42.8 | 2.3 | 48 | <0.1 | 5.2 | 17.0 | 760 | 4.32 | 6.4 | 3.1 | 1.0 | 116 | <0.1 | 0.4 | 0.2 | 120 | 1.67 | 0.101 |
| CR140702-3 | Rock | 1.66 | 1.3 | 62.5 | 4.3 | 33 | 0.2 | 2.9 | 19.2 | 584 | 4.74 | 19.9 | <0.5 | 0.6 | 92 | <0.1 | 0.9 | 0.5 | 127 | 1.20 | 0.106 |
| CR140702-4 | Rock | 1.68 | 1.7 | 33.2 | 4.4 | 39 | <0.1 | 7.2 | 10.5 | 469 | 4.08 | 5.0 | 2.5 | 1.0 | 17 | <0.1 | 0.3 | 0.1 | 39 | 0.28 | 0.098 |
| CR140702-5 | Rock | 1.62 | 0.5 | 52.3 | 1.7 | 49 | <0.1 | 1.0 | 15.6 | 979 | 4.27 | 9.9 | 11.7 | 0.7 | 63 | <0.1 | 0.5 | <0.1 | 75 | 1.30 | 0.176 |
| CR140703-1 | Rock | 1.68 | 3.5 | 109.6 | 17.1 | 94 | 10.9 | 11.7 | 12.1 | 935 | 3.69 | 23.3 | 251.0 | 2.2 | 81 | 0.4 | 1.5 | 0.2 | 107 | 2.79 | 0.096 |
| CR140703-2 | Rock | 1.23 | 2.7 | 97.9 | 58.8 | 202 | 25.2 | 15.2 | 12.2 | 1119 | 3.27 | 44.2 | 573.4 | 0.8 | 102 | 1.4 | 2.2 | <0.1 | 88 | 3.36 | 0.082 |
| CR140703-3 | Rock | 1.00 | 24.9 | 98.6 | 5.5 | 75 | 0.2 | 25.1 | 12.2 | 166 | 4.62 | 2.1 | <0.5 | 1.8 | 19 | 0.8 | 0.2 | 0.3 | 188 | 0.60 | 0.056 |
| CR140703-4 | Rock | 2.61 | 0.8 | 514.1 | 1.8 | 108 | 0.5 | 16.2 | 32.2 | 1492 | 10.39 | 1.7 | 18.8 | 4.5 | 294 | 0.2 | 0.2 | <0.1 | 383 | 4.14 | 0.611 |
| CR140703-5 | Rock | 1.22 | 4.4 | 636.8 | 31.6 | 104 | 4.2 | 1.7 | 3.1 | 524 | 0.96 | <0.5 | 3.3 | 0.4 | 140 | 2.8 | 1.5 | 0.5 | 20 | 0.48 | 0.017 |
| CR140704-1 | Rock | 0.49 | 0.6 | 226.3 | 8695.5 | >10000 | 40.8 | 13.2 | 5.3 | 1854 | 3.02 | 7.6 | 741.0 | 6.4 | 15 | 498.8 | 36.3 | 2.6 | 22 | 0.32 | 0.032 |
| CR140704-2 | Rock | 3.46 | 6.4 | 25.5 | 51.5 | 168 | 0.3 | 31.1 | 7.0 | 645 | 2.80 | 7.4 | 2.4 | 12.1 | 18 | 1.4 | 0.2 | <0.1 | 109 | 0.30 | 0.057 |
| CR140704-3 | Rock | 1.66 | 1.4 | 38.2 | 19.5 | 49 | 0.5 | 37.9 | 11.4 | 537 | 2.42 | 437.0 | 7.8 | 8.9 | 37 | 0.3 | 0.4 | 0.2 | 46 | 0.22 | 0.047 |
| CR140704-4 | Rock | 0.87 | 1.1 | 45.4 | 24.2 | 81 | 0.5 | 32.3 | 8.4 | 493 | 3.00 | 7.0 | 1.7 | 9.4 | 39 | 0.6 | 0.1 | 0.2 | 63 | 0.19 | 0.063 |
| CR140704-5 | Rock | 2.84 | 2.0 | 27.3 | 66.6 | 39 | 0.6 | 16.3 | 4.8 | 669 | 2.63 | 26.9 | 39.0 | 11.7 | 19 | 0.6 | 0.2 | 0.2 | 25 | 0.24 | 0.051 |

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Bureau Veritas Commodities Canada Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Crucible Resources Ltd.**
 745 East 30th Ave
 Vancouver BC V5V 2V8 CANADA

Project: Franklin/Nevada
 Report Date: September 04, 2014

Page: 2 of 2

Part: 2 of 3

CERTIFICATE OF ANALYSIS

VAN14002563.1

| Method | Analyte | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | FA330 | FA330 | FA330 | |
|------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Au | Pt | Pd |
| Unit | | ppm | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppb | ppb | ppb | |
| MDL | | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | 2 | 3 | 2 | |
| CR140702-1 | Rock | 12 | 14 | 0.93 | 65 | 0.119 | <20 | 0.86 | 0.104 | 0.22 | <0.1 | <0.01 | 6.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | | | |
| CR140702-2 | Rock | 5 | 7 | 1.89 | 72 | 0.159 | <20 | 4.28 | 0.353 | 0.08 | 0.3 | 0.01 | 7.3 | 0.2 | 0.39 | 10 | <0.5 | <0.2 | | | |
| CR140702-3 | Rock | 4 | 1 | 1.59 | 77 | 0.142 | <20 | 3.19 | 0.245 | 0.09 | 0.3 | <0.01 | 9.0 | <0.1 | 1.39 | 8 | <0.5 | 0.3 | | | |
| CR140702-4 | Rock | 4 | 10 | 1.19 | 281 | 0.012 | <20 | 1.63 | 0.039 | 0.22 | <0.1 | <0.01 | 2.6 | <0.1 | 1.38 | 5 | <0.5 | <0.2 | | | |
| CR140702-5 | Rock | 9 | <1 | 1.41 | 115 | 0.105 | <20 | 2.33 | 0.063 | 0.12 | 0.2 | <0.01 | 3.9 | <0.1 | 0.12 | 7 | <0.5 | <0.2 | | | |
| CR140703-1 | Rock | 11 | 17 | 1.28 | 98 | 0.122 | <20 | 2.27 | 0.109 | 0.28 | 0.4 | 0.04 | 7.4 | 0.1 | 0.52 | 7 | 1.0 | 0.2 | | | |
| CR140703-2 | Rock | 6 | 23 | 1.23 | 45 | 0.045 | <20 | 1.73 | 0.046 | 0.18 | 0.3 | 0.10 | 6.3 | 0.1 | 0.55 | 7 | 0.9 | <0.2 | | | |
| CR140703-3 | Rock | 8 | 32 | 0.69 | 60 | 0.182 | <20 | 1.47 | 0.105 | 0.20 | 0.5 | <0.01 | 8.2 | 0.1 | 1.02 | 6 | 2.6 | 0.3 | | | |
| CR140703-4 | Rock | 59 | 43 | 1.71 | 179 | 0.175 | <20 | 1.31 | 0.158 | 0.08 | 0.6 | <0.01 | 13.9 | <0.1 | <0.05 | 9 | <0.5 | <0.2 | 26 | 44 | 70 |
| CR140703-5 | Rock | 10 | 2 | 0.41 | 3584 | 0.005 | <20 | 0.41 | 0.005 | 0.08 | <0.1 | 0.01 | 1.6 | <0.1 | 0.12 | 1 | <0.5 | <0.2 | 8 | <3 | <2 |
| CR140704-1 | Rock | 10 | 17 | 0.51 | 17 | 0.089 | <20 | 0.75 | 0.009 | 0.16 | 5.1 | <0.01 | 2.0 | 0.4 | 2.89 | 3 | 1.8 | 0.3 | | | |
| CR140704-2 | Rock | 21 | 46 | 0.96 | 152 | 0.236 | <20 | 1.51 | 0.089 | 0.70 | 0.6 | <0.01 | 7.8 | 0.4 | 0.35 | 7 | 1.8 | <0.2 | | | |
| CR140704-3 | Rock | 13 | 46 | 0.96 | 117 | 0.081 | <20 | 1.74 | 0.055 | 0.51 | <0.1 | <0.01 | 5.6 | 0.3 | 0.38 | 6 | 2.4 | <0.2 | | | |
| CR140704-4 | Rock | 15 | 52 | 1.02 | 154 | 0.107 | <20 | 2.05 | 0.050 | 0.67 | <0.1 | <0.01 | 6.8 | 0.4 | 0.25 | 8 | 3.7 | <0.2 | | | |
| CR140704-5 | Rock | 13 | 26 | 0.60 | 71 | 0.099 | <20 | 1.01 | 0.014 | 0.28 | 0.3 | <0.01 | 2.8 | 0.1 | 0.36 | 3 | 1.5 | <0.2 | | | |

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 PHONE (604) 253-3158

Client: **Crucible Resources Ltd.**
 745 East 30th Ave
 Vancouver BC V5V 2V8 CANADA

Project: Franklin/Nevada
 Report Date: September 04, 2014

Page: 2 of 2

Part: 3 of 3

CERTIFICATE OF ANALYSIS

VAN14002563.1

| Method | AQ374 | |
|------------|-------|------|
| Analyte | Zn | |
| Unit | % | |
| MDL | 0.01 | |
| CR140702-1 | Rock | |
| CR140702-2 | Rock | |
| CR140702-3 | Rock | |
| CR140702-4 | Rock | |
| CR140702-5 | Rock | |
| CR140703-1 | Rock | |
| CR140703-2 | Rock | |
| CR140703-3 | Rock | |
| CR140703-4 | Rock | |
| CR140703-5 | Rock | |
| CR140704-1 | Rock | 2.24 |
| CR140704-2 | Rock | |
| CR140704-3 | Rock | |
| CR140704-4 | Rock | |
| CR140704-5 | Rock | |



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 PHONE (604) 253-3158

Client: **Crucible Resources Ltd.**
 745 East 30th Ave
 Vancouver BC V5V 2V8 CANADA

Submitted By: Doug Warkentin
 Receiving Lab: Canada-Vancouver
 Received: August 08, 2014
 Report Date: August 27, 2014
 Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN14002564.1

CLIENT JOB INFORMATION

Project: Franklin/Nevada
 Shipment ID:
 P.O. Number
 Number of Samples: 11

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Procedure Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|----------------|-------------------|--|--------------|---------------|-----|
| SLBHP | 11 | Sort, label and box pulps | | | VAN |
| AQ200 | 11 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 0.5 | Completed | VAN |
| DRPLP | 11 | Warehouse handling / disposition of pulps | | | VAN |
| AQ370 | 1 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 0.4 | Completed | VAN |

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Crucible Resources Ltd.
 745 East 30th Ave
 Vancouver BC V5V 2V8
 CANADA

CC:



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 PHONE (604) 253-3158

Client: **Crucible Resources Ltd.**
 745 East 30th Ave
 Vancouver BC V5V 2V8 CANADA

Project: Franklin/Nevada
 Report Date: August 27, 2014

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN14002564.1

| Method | Analyte | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|-------------|-----------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | 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 | 0.1 | 2 | 0.01 | 0.001 |
| CR140702-G1 | Soil Pulp | 0.4 | 16.3 | 10.3 | 63 | 0.2 | 10.8 | 5.1 | 269 | 1.90 | 4.9 | <0.5 | 3.2 | 29 | 0.2 | 0.1 | 0.3 | 38 | 0.23 | 0.243 | 12 |
| CR140702-G2 | Soil Pulp | 0.5 | 13.5 | 7.3 | 42 | 0.1 | 6.4 | 4.0 | 398 | 1.34 | 5.0 | <0.5 | 1.3 | 41 | 0.1 | 0.1 | 0.2 | 24 | 0.48 | 0.173 | 13 |
| CR140702-G3 | Soil Pulp | 0.4 | 14.5 | 6.2 | 27 | 0.1 | 3.3 | 3.2 | 444 | 1.03 | 4.4 | <0.5 | 0.6 | 25 | 0.1 | 0.2 | 0.1 | 19 | 0.30 | 0.089 | 7 |
| CR140702-G4 | Soil Pulp | 1.4 | 39.8 | 14.4 | 69 | 0.7 | 17.7 | 7.7 | 660 | 2.47 | 6.2 | 12.9 | 4.6 | 48 | 0.2 | 0.4 | 0.4 | 47 | 0.55 | 0.038 | 52 |
| CR140702-G5 | Soil Pulp | 0.5 | 14.5 | 9.4 | 49 | 0.2 | 10.8 | 4.0 | 218 | 1.81 | 2.5 | 1.3 | 3.4 | 30 | 0.1 | 0.1 | 0.2 | 36 | 0.27 | 0.056 | 19 |
| CR140703-G1 | Soil Pulp | 4.6 | 42.6 | 10.9 | 87 | 0.2 | 12.7 | 6.0 | 329 | 2.55 | 10.2 | 7.1 | 8.0 | 34 | 0.2 | 0.5 | 0.2 | 56 | 0.35 | 0.079 | 43 |
| CR140703-G2 | Soil Pulp | 1.8 | 19.1 | 27.2 | 59 | 0.4 | 7.6 | 4.0 | 260 | 2.20 | 19.0 | 1.1 | 5.5 | 36 | 0.4 | 0.2 | 0.3 | 27 | 0.44 | 0.147 | 64 |
| CR140703-G3 | Soil Pulp | 4.9 | 45.5 | 27.6 | 142 | 1.6 | 12.9 | 5.3 | 1545 | 2.01 | 15.0 | 5.8 | 8.1 | 54 | 1.3 | 0.6 | 0.5 | 25 | 0.65 | 0.062 | 187 |
| CR140703-G4 | Soil Pulp | 1.3 | 16.6 | 23.0 | 183 | 0.1 | 5.0 | 4.2 | 1686 | 1.86 | 9.7 | 1.7 | 5.0 | 50 | 0.4 | 0.2 | 0.3 | 14 | 0.36 | 0.350 | 34 |
| FRS02-1 | Soil Pulp | 11.5 | >10000 | 80.7 | 166 | >100 | 10.2 | 109.6 | 168 | 14.49 | 20.6 | 4188.3 | 0.2 | 15 | 7.1 | 7.0 | 196.9 | 8 | 0.32 | 0.005 | <1 |
| FRS02-2 | Soil Pulp | 3.3 | 791.7 | 19.0 | 26 | 13.3 | 2.3 | 11.0 | 66 | 2.35 | 2.0 | 24.2 | <0.1 | 6 | 0.8 | 0.9 | 44.8 | 13 | 0.16 | 0.002 | <1 |

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 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Crucible Resources Ltd.**
 745 East 30th Ave
 Vancouver BC V5V 2V8 CANADA

Project: Franklin/Nevada
 Report Date: August 27, 2014

Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

VAN14002564.1

| Method | Analyte | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ374 | AQ374 | |
|-------------|-----------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | Cu | Ag |
| Unit | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | % | gm/t |
| MDL | | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | 0.001 | 2 |
| CR140702-G1 | Soil Pulp | 11 | 0.24 | 113 | 0.113 | <20 | 2.23 | 0.007 | 0.07 | 0.2 | 0.01 | 2.5 | <0.1 | <0.05 | 7 | <0.5 | <0.2 | | |
| CR140702-G2 | Soil Pulp | 8 | 0.16 | 110 | 0.071 | <20 | 1.37 | 0.014 | 0.06 | 0.1 | 0.01 | 1.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 | | |
| CR140702-G3 | Soil Pulp | 4 | 0.12 | 67 | 0.053 | <20 | 1.24 | 0.018 | 0.04 | 0.1 | 0.03 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | | |
| CR140702-G4 | Soil Pulp | 22 | 0.42 | 153 | 0.103 | <20 | 2.62 | 0.011 | 0.08 | 0.3 | 0.03 | 6.2 | 0.1 | <0.05 | 8 | 1.1 | <0.2 | | |
| CR140702-G5 | Soil Pulp | 13 | 0.25 | 170 | 0.112 | <20 | 1.84 | 0.007 | 0.07 | 0.2 | 0.03 | 2.6 | <0.1 | <0.05 | 6 | <0.5 | <0.2 | | |
| CR140703-G1 | Soil Pulp | 27 | 0.35 | 89 | 0.043 | <20 | 0.98 | 0.004 | 0.07 | 0.3 | 0.02 | 3.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | | |
| CR140703-G2 | Soil Pulp | 9 | 0.12 | 100 | 0.129 | <20 | 3.50 | 0.016 | 0.04 | 0.2 | 0.04 | 2.8 | <0.1 | <0.05 | 8 | 1.1 | <0.2 | | |
| CR140703-G3 | Soil Pulp | 14 | 0.17 | 215 | 0.091 | <20 | 3.07 | 0.022 | 0.07 | 0.2 | 0.10 | 4.4 | 0.2 | <0.05 | 6 | 1.0 | <0.2 | | |
| CR140703-G4 | Soil Pulp | 3 | 0.12 | 298 | 0.094 | <20 | 2.27 | 0.009 | 0.05 | <0.1 | 0.06 | 2.2 | <0.1 | <0.05 | 7 | <0.5 | <0.2 | | |
| FRS02-1 | Soil Pulp | 16 | 0.03 | 7 | 0.001 | <20 | 0.13 | 0.029 | 0.06 | 2.9 | 0.15 | <0.1 | <0.1 | >10 | <1 | 14.9 | 34.9 | 1.690 | 130 |
| FRS02-2 | Soil Pulp | 14 | 0.02 | 54 | <0.001 | <20 | 0.09 | 0.005 | 0.02 | 3.0 | 0.02 | <0.1 | <0.1 | 0.73 | <1 | 1.8 | 8.8 | | |

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Bureau Veritas Commodities Canada Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Crucible Resources Ltd.**
 745 East 30th Ave
 Vancouver BC V5V 2V8 CANADA

Submitted By: Doug Warkentin
 Receiving Lab: Canada-Vancouver
 Received: October 10, 2014
 Report Date: November 06, 2014
 Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN14003339.1

CLIENT JOB INFORMATION

Project: Franklin/Neveda/ETI
 Shipment ID:
 P.O. Number
 Number of Samples: 23

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
 PICKUP-RJT Client to Pickup Rejects

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Procedure Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|----------------|-------------------|---|--------------|---------------|-----|
| PRP70-250 | 11 | Crush, split and pulverize 250 g rock to 200 mesh | | | VAN |
| PUL85 | 7 | Pulverize to 85% passing 200 mesh | | | VAN |
| SLBHP | 5 | Sort, label and box pulps | | | VAN |
| FA330 | 3 | Fire assay fusion Au Pt Pd by ICP-ES | 30 | Completed | VAN |
| AQ200 | 21 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 0.5 | Completed | VAN |
| AQ250_PGM | 2 | 1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis | 0.5 | Completed | VAN |
| DRPLP | 23 | Warehouse handling / disposition of pulps | | | VAN |
| DRRJT | 11 | Warehouse handling / Disposition of reject | | | VAN |
| AQ374 | 7 | 1:1:1 Aqua Regia Digestion ICP-ES Finish | 0.4 | Completed | VAN |

ADDITIONAL COMMENTS

Invoice To: Crucible Resources Ltd.
 745 East 30th Ave
 Vancouver BC V5V 2V8
 CANADA

CC:



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 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Crucible Resources Ltd.**
 745 East 30th Ave
 Vancouver BC V5V 2V8 CANADA

Project: Franklin/Neveda/ETI
 Report Date: November 06, 2014

Page: 2 of 2

Part: 1 of 5

CERTIFICATE OF ANALYSIS

VAN14003339.1

| Method | WGHT | FA330 | FA330 | FA330 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|------------|-----------|-------|-------|-------|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|
| Analyte | Wgt | Au | Pt | Pd | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi |
| Unit | kg | ppb | ppb | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm |
| MDL | 0.01 | 2 | 3 | 2 | 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 |
| CR140924-1 | Rock | 1.80 | | | 1.5 | 46.3 | >10000 | >10000 | 65.9 | 12.1 | 5.6 | 508 | 3.62 | 88.3 | 589.5 | 6.4 | 10 | 488.6 | 17.5 | 28.0 |
| CR140924-2 | Rock | 1.66 | | | 3.4 | 21.8 | 471.5 | 285 | 1.7 | 4.3 | 3.6 | 645 | 3.11 | 31.7 | 49.4 | 8.9 | 16 | 2.6 | 0.6 | 1.0 |
| CR140924-3 | Rock | 1.89 | | | 4.0 | 74.2 | 4907.8 | 1401 | 64.5 | 3.6 | 3.2 | 613 | 3.07 | 11.5 | 2022.5 | 8.4 | 6 | 39.3 | 24.4 | 0.3 |
| CR140925-1 | Rock | 1.77 | 3 | 8 | 5 | 1.8 | 320.3 | 7.8 | 89 | 0.2 | 24.2 | 27.2 | 1340 | 6.44 | 2.8 | 1.5 | 1.9 | 265 | 0.5 | <0.1 |
| CR140925-2 | Rock | 2.15 | 23 | 22 | 26 | 0.5 | 321.9 | 17.4 | 71 | 0.5 | 11.4 | 23.2 | 764 | 8.70 | 3.3 | 18.7 | 3.0 | 314 | 0.3 | <0.1 |
| CR140925-3 | Rock | 1.97 | 24 | 30 | 34 | 0.3 | 614.9 | 2.4 | 64 | 0.7 | 10.3 | 25.9 | 762 | 10.34 | 1.2 | 16.6 | 2.6 | 336 | 0.2 | <0.1 |
| CR140925-4 | Rock | 0.95 | | | | | | | | | | | | | | | | | | |
| CR140925-5 | Rock | 2.01 | | | | | | | | | | | | | | | | | | |
| CR140926-1 | Rock | 0.66 | | | 0.3 | 40.8 | 4.6 | 57 | 0.2 | 7.0 | 13.4 | 575 | 2.74 | 4.9 | 4.6 | 0.1 | 40 | 0.1 | 0.1 | <0.1 |
| CR140926-2 | Rock | 1.70 | | | 21.2 | 347.4 | 558.9 | 27 | 23.9 | 3.3 | 4.0 | 89 | 2.77 | 3.7 | 24.5 | 0.6 | 13 | 0.8 | <0.1 | 102.3 |
| CR140926-3 | Rock | 1.54 | | | 2.8 | 217.2 | 43.9 | 116 | 1.0 | 10.9 | 12.6 | 531 | 3.29 | 1.4 | 5.1 | 5.5 | 26 | 0.9 | <0.1 | 5.3 |
| M3 F-F01 | Sand | 0.02 | | | 46.3 | 8730.2 | 3594.0 | >10000 | 56.6 | 449.8 | 56.0 | 898 | 4.91 | 86.0 | 8676.4 | 2.0 | 551 | 37.7 | 177.8 | 9.5 |
| M3 F-F02 | Sand | 0.05 | | | 46.8 | 6714.7 | 2866.5 | >10000 | 28.7 | 392.3 | 59.0 | 848 | 4.87 | 59.0 | 4090.4 | 2.0 | 512 | 22.6 | 143.1 | 7.8 |
| M3 F-F03 | Sand | 0.01 | | | 51.9 | 9147.6 | 3317.1 | >10000 | 22.5 | 428.6 | 63.3 | 979 | 5.65 | 53.3 | 1854.9 | 2.3 | 563 | 26.6 | 131.2 | 8.7 |
| M3 F-F04 | Sand | 0.03 | | | 51.8 | 6333.2 | 2901.7 | >10000 | 14.7 | 402.3 | 61.9 | 940 | 5.64 | 44.1 | 642.3 | 2.4 | 563 | 21.8 | 111.9 | 7.6 |
| M3 F-F05 | Sand | <0.01 | | | 50.6 | 6861.3 | 3295.8 | >10000 | 49.8 | 422.0 | 63.8 | 946 | 5.78 | 52.4 | 10746.9 | 2.5 | 546 | 28.6 | 122.0 | 8.2 |
| M3 F-F06 | Sand | 0.03 | | | 54.5 | 5835.4 | 2816.2 | >10000 | 21.7 | 402.3 | 66.9 | 947 | 5.89 | 45.8 | 3188.8 | 2.4 | 532 | 20.8 | 104.6 | 7.2 |
| M3 F-F07 | Sand | 0.05 | | | 25.2 | 1376.7 | 482.8 | 3552 | 3.9 | 157.5 | 45.8 | 479 | 3.64 | 10.6 | 246.8 | 1.3 | 194 | 4.9 | 29.5 | 1.9 |
| M3 SL-F01 | Rock Pulp | 0.02 | | | 46.4 | 5107.6 | 2735.5 | 8989 | 30.9 | 395.3 | 40.5 | 720 | 2.75 | 62.5 | 3050.4 | 1.5 | 701 | 24.9 | 196.0 | 8.5 |
| M3 SL-F02 | Rock Pulp | 0.06 | | | 45.5 | 5048.6 | 2598.4 | 8237 | 22.4 | 381.3 | 40.5 | 759 | 3.40 | 55.1 | 1075.4 | 1.7 | 581 | 23.1 | 172.4 | 8.3 |
| M3 SL-F03 | Rock Pulp | 0.02 | | | 49.9 | 6240.1 | 2834.1 | 9190 | 42.7 | 427.5 | 40.5 | 826 | 2.94 | 62.5 | 4109.3 | 1.6 | 668 | 26.1 | 190.9 | 8.9 |
| M3 SL-F04 | Rock Pulp | 0.08 | | | 48.1 | 5158.2 | 2769.3 | 8975 | 22.8 | 404.9 | 43.0 | 804 | 3.56 | 54.9 | 1169.1 | 1.8 | 627 | 24.4 | 183.3 | 8.5 |
| M3 SL-F05 | Rock Pulp | 0.05 | | | 42.4 | 3189.7 | 2122.2 | 7261 | 11.2 | 308.9 | 40.6 | 754 | 3.93 | 40.5 | 247.4 | 1.9 | 453 | 19.0 | 132.2 | 7.2 |

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Project: Franklin/Neveda/ETI
 Report Date: November 06, 2014

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Part: 2 of 5

CERTIFICATE OF ANALYSIS

VAN14003339.1

| Method | Analyte | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 | AQ200 |
|------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | % | ppm | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| CR140924-1 | Rock | 20 | 0.20 | 0.034 | 10 | 24 | 0.44 | 34 | 0.058 | <20 | 0.75 | 0.014 | 0.21 | 0.5 | 0.07 | 1.9 | 0.1 | 3.34 | 4 | 15.8 | 1.0 |
| CR140924-2 | Rock | 17 | 0.11 | 0.084 | 16 | 15 | 0.36 | 74 | 0.008 | <20 | 0.70 | 0.006 | 0.28 | 0.2 | <0.01 | 1.6 | 0.1 | 0.26 | 3 | 8.1 | <0.2 |
| CR140924-3 | Rock | 10 | 0.09 | 0.061 | 11 | 9 | 0.22 | 28 | 0.012 | <20 | 0.71 | 0.005 | 0.30 | 0.3 | 0.01 | 1.0 | 0.1 | 0.94 | 3 | 1.1 | <0.2 |
| CR140925-1 | Rock | 263 | 5.37 | 0.243 | 18 | 175 | 2.17 | 91 | 0.160 | <20 | 1.73 | 0.105 | 0.18 | 0.7 | <0.01 | 13.7 | <0.1 | 0.27 | 9 | <0.5 | <0.2 |
| CR140925-2 | Rock | 328 | 2.95 | 0.656 | 40 | 31 | 0.97 | 52 | 0.126 | <20 | 0.63 | 0.091 | 0.09 | 0.2 | <0.01 | 7.8 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| CR140925-3 | Rock | 411 | 2.98 | 0.607 | 38 | 23 | 0.88 | 90 | 0.123 | <20 | 0.56 | 0.096 | 0.05 | 0.2 | <0.01 | 7.7 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| CR140925-4 | Rock | | | | | | | | | | | | | | | | | | | | |
| CR140925-5 | Rock | | | | | | | | | | | | | | | | | | | | |
| CR140926-1 | Rock | 81 | 1.57 | 0.046 | <1 | 11 | 1.21 | 28 | 0.086 | <20 | 1.55 | 0.033 | 0.05 | <0.1 | <0.01 | 4.8 | <0.1 | 0.06 | 5 | <0.5 | <0.2 |
| CR140926-2 | Rock | 16 | 0.12 | 0.020 | 1 | 13 | 0.15 | 13 | 0.022 | <20 | 0.30 | 0.011 | 0.05 | 0.5 | <0.01 | 0.7 | <0.1 | 0.23 | 2 | 0.9 | 4.0 |
| CR140926-3 | Rock | 73 | 0.47 | 0.082 | 4 | 27 | 1.27 | 31 | 0.139 | <20 | 1.80 | 0.039 | 0.11 | 2.0 | <0.01 | 4.6 | <0.1 | 0.06 | 7 | <0.5 | 0.2 |
| M3 F-F01 | Sand | 36 | 16.20 | 2.191 | 11 | 263 | 0.99 | 47 | 0.123 | 167 | 7.83 | 0.364 | 0.16 | 26.4 | 2.40 | 1.5 | 0.2 | 1.71 | 11 | 1.9 | 1.2 |
| M3 F-F02 | Sand | 33 | 14.19 | 1.714 | 11 | 270 | 0.93 | 83 | 0.125 | 168 | 6.82 | 0.461 | 0.20 | 23.8 | 0.74 | 1.5 | 0.1 | 1.21 | 10 | 1.3 | 0.9 |
| M3 F-F03 | Sand | 39 | 15.03 | 2.243 | 12 | 309 | 1.06 | 141 | 0.147 | 129 | 8.89 | 0.406 | 0.20 | 28.5 | 0.58 | 1.6 | 0.2 | 0.68 | 13 | 1.1 | 0.5 |
| M3 F-F04 | Sand | 37 | 14.37 | 2.035 | 12 | 303 | 1.06 | 145 | 0.155 | 164 | 8.25 | 0.493 | 0.22 | 26.4 | 0.24 | 1.7 | 0.1 | 0.60 | 12 | 1.1 | 0.3 |
| M3 F-F05 | Sand | 39 | 14.48 | 2.192 | 12 | 308 | 1.10 | 141 | 0.154 | 124 | 8.62 | 0.427 | 0.21 | 28.5 | 1.24 | 1.7 | 0.2 | 0.66 | 13 | 1.3 | 0.3 |
| M3 F-F06 | Sand | 38 | 14.01 | 1.929 | 12 | 322 | 1.07 | 155 | 0.157 | 155 | 8.09 | 0.511 | 0.24 | 26.9 | 0.24 | 1.6 | 0.1 | 0.60 | 12 | 1.2 | 0.2 |
| M3 F-F07 | Sand | 16 | 4.98 | 0.522 | 7 | 168 | 0.55 | 732 | 0.138 | 158 | 2.58 | 0.581 | 0.20 | 10.6 | 0.03 | 1.2 | <0.1 | 0.19 | 4 | <0.5 | <0.2 |
| M3 SL-F01 | Rock Pulp | 42 | 18.95 | 2.100 | 9 | 232 | 1.04 | 50 | 0.104 | 197 | 6.84 | 0.414 | 0.15 | 24.4 | 0.56 | 1.3 | 0.1 | 1.81 | 11 | 1.4 | 0.5 |
| M3 SL-F02 | Rock Pulp | 41 | 16.67 | 1.676 | 9 | 257 | 1.02 | 46 | 0.118 | 209 | 6.82 | 0.398 | 0.18 | 22.0 | 0.31 | 1.3 | <0.1 | 1.89 | 11 | 1.2 | 0.3 |
| M3 SL-F03 | Rock Pulp | 46 | 17.32 | 2.139 | 9 | 247 | 1.05 | 97 | 0.109 | 183 | 7.90 | 0.373 | 0.15 | 24.9 | 0.63 | 1.3 | <0.1 | 1.07 | 12 | 1.2 | 0.4 |
| M3 SL-F04 | Rock Pulp | 44 | 16.94 | 1.826 | 10 | 276 | 1.09 | 70 | 0.117 | 214 | 7.27 | 0.409 | 0.18 | 24.0 | 0.33 | 1.4 | <0.1 | 1.53 | 11 | 1.0 | 0.2 |
| M3 SL-F05 | Rock Pulp | 39 | 12.59 | 1.290 | 10 | 264 | 1.03 | 121 | 0.123 | 191 | 6.54 | 0.861 | 0.19 | 19.2 | 0.17 | 1.4 | 0.1 | 0.95 | 10 | 0.9 | <0.2 |

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Project: Franklin/Neveda/ETI
 Report Date: November 06, 2014

Page: 2 of 2

Part: 3 of 5

CERTIFICATE OF ANALYSIS

VAN14003339.1

| Method | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | |
|------------|-----------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | |
| Unit | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | |
| MDL | 0.01 | 0.01 | 0.01 | 0.1 | 2 | 0.1 | 0.1 | 1 | 0.01 | 0.1 | 0.1 | 0.2 | 0.1 | 0.5 | 0.01 | 0.02 | 0.02 | 2 | 0.01 | 0.001 | |
| CR140924-1 | Rock | | | | | | | | | | | | | | | | | | | | |
| CR140924-2 | Rock | | | | | | | | | | | | | | | | | | | | |
| CR140924-3 | Rock | | | | | | | | | | | | | | | | | | | | |
| CR140925-1 | Rock | | | | | | | | | | | | | | | | | | | | |
| CR140925-2 | Rock | | | | | | | | | | | | | | | | | | | | |
| CR140925-3 | Rock | | | | | | | | | | | | | | | | | | | | |
| CR140925-4 | Rock | 0.24 | 336.76 | 6.20 | 102.1 | 300 | 31.0 | 29.5 | 911 | 7.74 | 1.5 | 0.4 | 13.0 | 2.3 | 196.3 | 0.14 | 0.03 | 0.05 | 326 | 2.03 | 0.532 |
| CR140925-5 | Rock | 1.00 | 7476.37 | 7.79 | 72.5 | 14269 | 18.8 | 31.7 | 819 | 10.99 | 2.1 | 1.6 | 623.2 | 6.3 | 506.1 | 0.23 | 0.06 | 1.56 | 470 | 5.43 | 1.861 |
| CR140926-1 | Rock | | | | | | | | | | | | | | | | | | | | |
| CR140926-2 | Rock | | | | | | | | | | | | | | | | | | | | |
| CR140926-3 | Rock | | | | | | | | | | | | | | | | | | | | |
| M3 F-F01 | Sand | | | | | | | | | | | | | | | | | | | | |
| M3 F-F02 | Sand | | | | | | | | | | | | | | | | | | | | |
| M3 F-F03 | Sand | | | | | | | | | | | | | | | | | | | | |
| M3 F-F04 | Sand | | | | | | | | | | | | | | | | | | | | |
| M3 F-F05 | Sand | | | | | | | | | | | | | | | | | | | | |
| M3 F-F06 | Sand | | | | | | | | | | | | | | | | | | | | |
| M3 F-F07 | Sand | | | | | | | | | | | | | | | | | | | | |
| M3 SL-F01 | Rock Pulp | | | | | | | | | | | | | | | | | | | | |
| M3 SL-F02 | Rock Pulp | | | | | | | | | | | | | | | | | | | | |
| M3 SL-F03 | Rock Pulp | | | | | | | | | | | | | | | | | | | | |
| M3 SL-F04 | Rock Pulp | | | | | | | | | | | | | | | | | | | | |
| M3 SL-F05 | Rock Pulp | | | | | | | | | | | | | | | | | | | | |

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Project: Franklin/Neveda/ETI
 Report Date: November 06, 2014

Page: 2 of 2

Part: 4 of 5

CERTIFICATE OF ANALYSIS

VAN14003339.1

| Method | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ250 | AQ374 |
|------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analyte | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Sc | Tl | S | Hg | Se | Te | Ga | Pd | Pt | Pb |
| Unit | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppb | ppm | ppm | ppm | ppb | ppb | % |
| MDL | 0.5 | 0.5 | 0.01 | 0.5 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.1 | 0.02 | 0.02 | 5 | 0.1 | 0.02 | 0.1 | 10 | 2 | 0.01 |
| CR140924-1 | Rock | | | | | | | | | | | | | | | | | | | 1.83 |
| CR140924-2 | Rock | | | | | | | | | | | | | | | | | | | |
| CR140924-3 | Rock | | | | | | | | | | | | | | | | | | | |
| CR140925-1 | Rock | | | | | | | | | | | | | | | | | | | |
| CR140925-2 | Rock | | | | | | | | | | | | | | | | | | | |
| CR140925-3 | Rock | | | | | | | | | | | | | | | | | | | |
| CR140925-4 | Rock | 26.6 | 62.8 | 1.75 | 751.4 | 0.242 | <20 | 1.70 | 0.113 | 1.27 | <0.1 | 5.8 | 0.06 | <0.02 | 11 | <0.1 | 0.05 | 7.6 | 24 | 3 |
| CR140925-5 | Rock | 88.0 | 24.1 | 0.93 | 91.9 | 0.050 | <20 | 0.70 | 0.102 | 0.21 | 0.3 | 8.2 | <0.02 | 0.13 | 17 | 3.0 | 0.29 | 7.3 | 608 | 159 |
| CR140926-1 | Rock | | | | | | | | | | | | | | | | | | | |
| CR140926-2 | Rock | | | | | | | | | | | | | | | | | | | |
| CR140926-3 | Rock | | | | | | | | | | | | | | | | | | | |
| M3 F-F01 | Sand | | | | | | | | | | | | | | | | | | | 0.33 |
| M3 F-F02 | Sand | | | | | | | | | | | | | | | | | | | 0.27 |
| M3 F-F03 | Sand | | | | | | | | | | | | | | | | | | | 0.28 |
| M3 F-F04 | Sand | | | | | | | | | | | | | | | | | | | 0.26 |
| M3 F-F05 | Sand | | | | | | | | | | | | | | | | | | | 0.29 |
| M3 F-F06 | Sand | | | | | | | | | | | | | | | | | | | 0.24 |
| M3 F-F07 | Sand | | | | | | | | | | | | | | | | | | | |
| M3 SL-F01 | Rock Pulp | | | | | | | | | | | | | | | | | | | |
| M3 SL-F02 | Rock Pulp | | | | | | | | | | | | | | | | | | | |
| M3 SL-F03 | Rock Pulp | | | | | | | | | | | | | | | | | | | |
| M3 SL-F04 | Rock Pulp | | | | | | | | | | | | | | | | | | | |
| M3 SL-F05 | Rock Pulp | | | | | | | | | | | | | | | | | | | |

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