

Franklin Project

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

*Project Area Location:
UTM NAD 83: Zone 11, 403000 East, 5489500 North*

Registered Owner: Doug Warkentin
Operator: Crucible Resources Ltd.

Dane and Union Tails Areas - Geochemical Sampling Report

*Project Tenure Numbers: 935862, 936714, 939642, 987035, 990683, 1010913, 1010937,
1010965, 1010972, 1010973, 1011003, 1011005, 1011007, 1011017, 1011821, 1013315,
1013856, 1015696, 1016556, 1019846, 1019983, 1024505.*

SOW Event Numbers: 5482588, 5490727, 5501519.

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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.

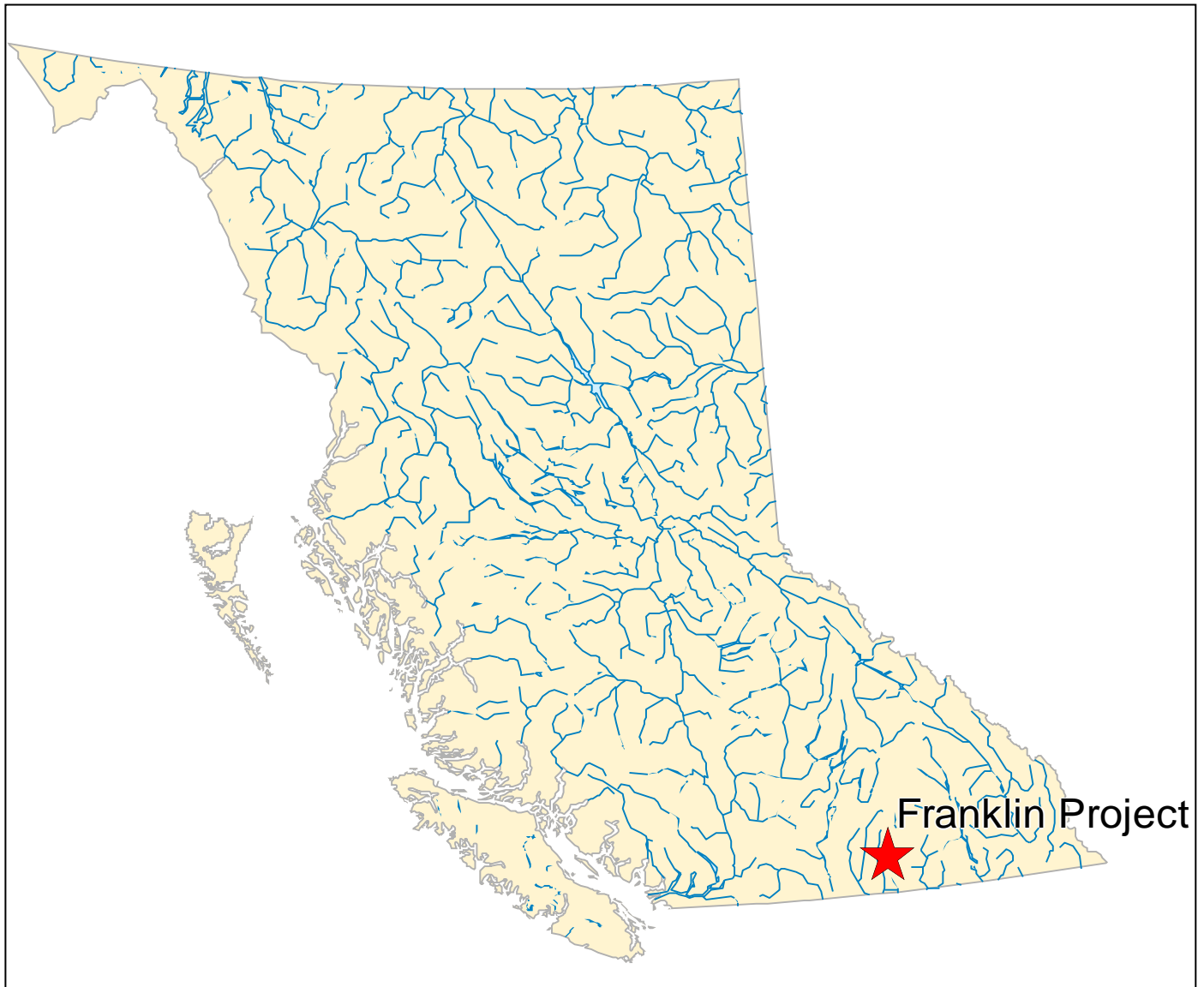


Figure 1 – Franklin Project Location Map

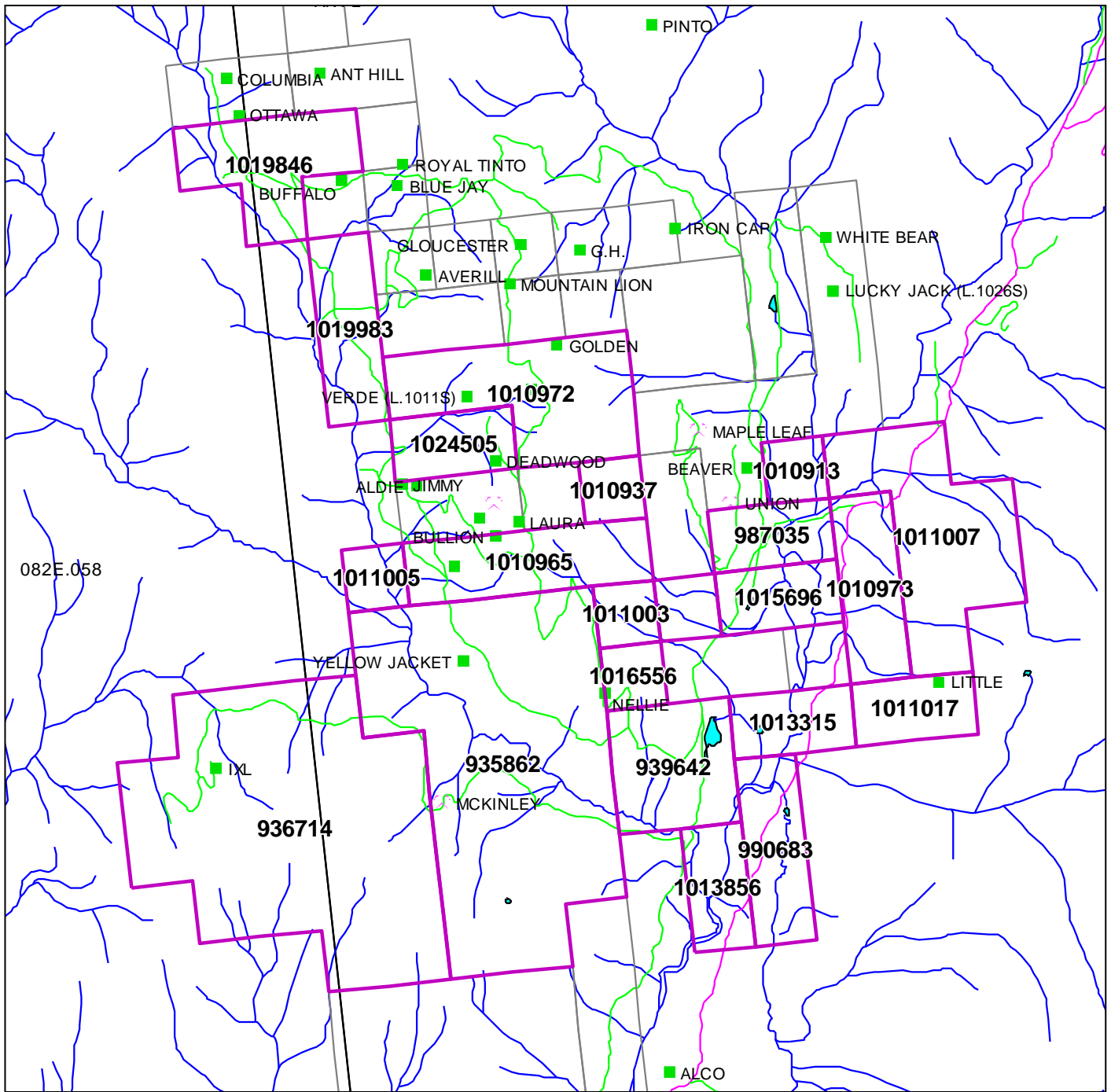


Figure 2 – Project Tenure Outline

Table 1: Franklin Project Mineral Tenures

Tenure Number	Claim Name	Owner	Map Number	Issue Date	Good To Date	Area (ha)
935862	FRANKLIN-YELLOWJACKET	145582 (100%)	082E	2011/dec/02	2014/may/23	398.27
936714	FRANKLIN-IXL	145582 (100%)	082E	2011/dec/08	2014/may/23	398.29
939642	FRANKLIN SE1	145582 (100%)	082E	2012/jan/03	2014/may/23	83.85
987035	UNION FR	145582 (100%)	082E	2012/may/17	2014/may/23	41.91
990683	FRANKLIN-NICHOL	145582 (100%)	082E	2012/may/28	2014/may/23	62.89
1010913	PAPER UNION	145582 (100%)	082E	2012/jul/09	2014/may/23	20.95
1010937	IDAHO UNION	145582 (100%)	082E	2012/jul/10	2014/may/23	20.95
1010965	BULLION	145582 (100%)	082E	2012/jul/10	2014/may/23	83.82
1010972		145582 (100%)	082E	2012/jul/10	2014/may/23	125.71
1010973	DANE	145582 (100%)	082E	2012/jul/10	2014/may/23	62.87
1011003	BULLION 2	145582 (100%)	082E	2012/jul/10	2014/may/23	20.96
1011005	BULLION 3	145582 (100%)	082E	2012/jul/10	2014/may/23	20.96
1011007	FRANKLIN DANISH	145582 (100%)	082E	2012/jul/10	2014/may/23	146.70
1011017	LITTLE DANISH	145582 (100%)	082E	2012/jul/10	2014/may/23	41.92
1011821	BULLION 3	145582 (100%)	082E	2012/aug/05	2014/may/23	20.96
1013315	UNION	145582 (100%)	082E	2012/sep/29	2014/may/23	41.92
1013856	FRANKLIN-NICHOL W	145582 (100%)	082E	2012/oct/19	2014/may/23	41.93
1015696	UNION TAILS	145582 (100%)	082E	2013/jan/04	2014/may/23	41.92
1016556	NELLIE	145582 (100%)	082E	2013/feb/02	2014/may/23	20.96
1019846	AVERRILL NW	145582 (100%)	082E	2013/may/28	2014/may/28	83.77
1019983	AVERILL SW	145582 (100%)	082E	2013/jun/01	2014/jun/17	62.85
1024505	TWIN CREEK	145582 (100%)	082E	2013/dec/19	2014/dec/27	41.90
Total						1886.3

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.

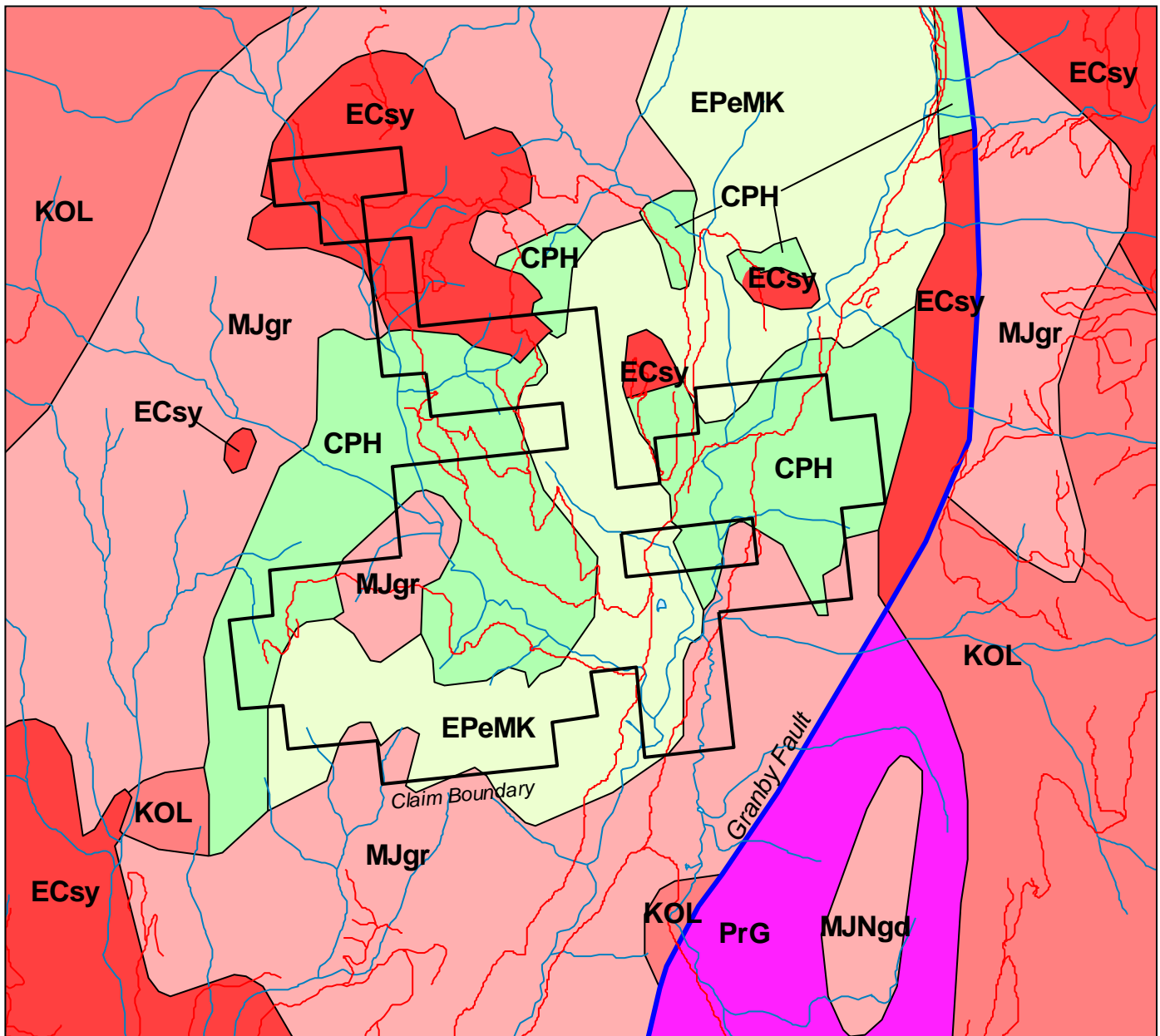
The Franklin rocks were the main focus of early exploration in the Mt McKinley and Mt Franklin areas, particularly for precious metal-bearing quartz veins and for silicified zones and skarn deposits with high base metal values along limestone contacts. Another type of mineralization identified in the 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 at least one known occurrence of the 'Black Lead' mineralization and significant exposures of pyroxenite.

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 held by active crown granted claims, these are small and do not necessarily cover 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 – volcanoclastic rocks
ECsy – Eocene Coryell Plutonic Suite – syenitic to monzonitic intrusive rocks
EPeMK – Eocene Penticton 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
MJNgd – Middle Jurassic Nelson Batholith – granodioritic intrusive rocks
PrG – Proterozoic Grand Forks Gneiss/Monashee Complex – paragneiss metamorphic rocks

Figure 3 – Regional Geology, Franklin and Morrell Camp 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 significant 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 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 small quartz veins have been identified in Franklin rocks, some carrying significant gold and/or base metals. These include the Bullion and Verde showings. 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 one occurrence of copper mineralization with platinum values was historically reported in a shear zone along the pyroxenite contact at the Golden showing.

To the east of Burrell Creek few mineral showings are reported, but recent work has identified at least one previously explored mineralized shear zone 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 minor to significant gold values is a more common pattern of mineralization to the south, normally occurring in east-west striking veins or shear zones. The highest value veins in the Mt. Franklin area are more typically associated with lead and zinc mineralization, also often with high silver values. To the south, in addition to the small east-west striking copper-bearing vein structures, there are showings of high grade contact mineralization as well as intrusive related copper-zinc and copper-molybdenum mineralization as well as epithermal-style vein systems in granodiorite which locally reported to carry some gold values.

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

Table 3: Franklin Project - Documented Mineral Occurrences

Name	Minfile #	Location	Minerals	Reported Grades	Width (m)	Year
Minfile showings						
Verde	082ENE020	Mt Franklin	Au, Ag, Cu, Pb, Zn	5.5 g/t Au	grab	1914
Golden	082ENE053	Mt Franklin	Pt, Cu	2.06 g/t Pt	grab	1918
Alpha	082ENE052	Mt Franklin	Au, Ag, Cu	0.68 g/t Au, 3.42 g/t Ag, 0.8% Cu	1.5 m	1965
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
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			
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
Mary Ann		Gloucester Crk	Au			

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 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 significant precious metal production (Table 2) in the first half of the last century.

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. 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. A sample from the Golden showing 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.

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 zone 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 and carried out rock and silt sampling, and diamond drilled 900 meters 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 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.

Summary of Work

A single day was spent on the project claims in November of 2013 carrying out the work covered in this report. Work in the Dane area consisted mainly of geochemical soil and rock sampling with some incidental prospecting. A total of seven soil samples and one float/subcrop rock sample were collected. At the Union tailings site, a survey was conducted for possible higher grade ore material that may have been brought to the site in the past. One area of crushed rock at the edge of one of the tailings piles was sampled, and a small rock dump sampled previously was measured and more systematically sampled. A total of three rock grab composite samples were collected.

Work Program

Sampling and Data Collection

Samples were collected on a site visit carried out on November 1st, 2013 to the main Franklin camp area, including the area surrounding the Dane showing and the Union mine tailings site. Relevant sample locations are identified on the map in Appendix 1. Assay results for rock and tailings samples are 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. Rock samples were digested in aqua regia using a 0.5 gram sample and analyzed with a 36 element scan by ICP-MS. One sample, which reported above 1 g/t gold by ICP was re-assayed for gold by lead collection fire assay with an AAS finish using a 30 gram sample. 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.

Table 4 - Rock Sample Description and Analytical Results

Sample #	Date	Description	Width (m)	Au g/t	Ag g/t	Cu %	Pb %	Zn %
CR131101-1	01/11/2013	Dane Area - Rock Qtz-cc alt with dissem py and Fe oxide		0.003	0.4	0.005	0.00	0.00
CR131101-2	01/11/2013	Union Area - Rock and Tailings Tailings area - small pile of crushed rock		0.397	34.3	0.010	0.01	0.02
CR131101-3	01/11/2013	Ore/waste rock dump - coarse rock		1.865	62.2	0.014	0.01	0.05
CR131101-3A	01/11/2013	Ore/waste rock dump - fines		0.609	42.7	0.012	0.01	0.03

Rock and Tailings Site Samples

In the area below the Dane showing there are outcrops of silicified Franklin volcanics showing iron oxidation and bearing pyrite. Previous soil samples below one of these outcrops showed elevated base metal values over a small area. Prospecting in this area revealed some relatively heavily mineralized angular float rock recently exposed in root wells. Chip samples were collected from several pieces of float showing silicification and quartz breccia with disseminated pyrite mineralization (CR131101-1). Despite the sulphide content, no significant values were found in this sample.

The tailings from the Union mine have been partially reprocessed at least twice in the past, first in the 1930's and more recently in the 1980's in a cyanide heap leach operation. Prior to the operation in the 1980's a sampling program resulted in an estimate that the tailings contained 70,000 tonnes grading 1.5 g/t gold and 48.9 g/t silver. The heap leach operation was terminated due to operational upsets rather than depletion of grade, so a series of widely spaced samples were collected earlier in 2013 to obtain a preliminary indication of the remaining grade potential of this material. These samples did show significant gold and silver values, and a small rock dump at the site which was also sampled gave very high gold values (up to 77 g/t Au). The site was therefore revisited to make note of any possible ore or higher grade waste rock material that may have been brought to the site during previous recovery operations. Several small areas of coarse and/or crushed rock were noted, but most did not appear to be highly mineralized. One section of crushed rock that appeared to have been placed along the edge of one of the tailings piles was sampled (CR131101-2) and did show some precious metal values (0.40 g/t Au, 34.3 g/t Ag), but this is less than average values found in the tailings. In addition, the pile that returned high values previously was measured and a larger composite sample was prepared from chips from the coarse rock making up the bulk of the material (CR131101-3). A second sample (CR131101-3A) was taken from fines collected from within the pile. Both samples showed some precious metals values (Table 4), but not at the level seen in the earlier grab sample.

Soil Samples

A total of 7 soil samples were collected in the area below the Dane showing. These samples were mainly in a north-south line paralleling a previous line taken 50 meters to the east which showed a limited base metal anomaly in one section. The intent was to determine if the anomaly might represent a narrow east-west trending mineralized zone similar to other known deposits in the area. One sample was also collected 75 meters to the east, in an area just below an outcrop showing significant pyrite mineralization.

Interpretation of Results

In the Dane area previous work has shown that there is mineralization present, but soil sampling has generally shown only weak intermittent anomalies. The attempt to follow up on a small base metal anomaly was not successful in identifying either source mineralization in float rock samples, and soil sampling did not show the same base metal signature, but elevated arsenic and antimony levels in samples CR131101-G4 and -G5 may correlate with similar high values in the anomalous section to the east, possibly pointing to a continuous structure. In addition, sample CR131101-G6 showed slightly elevated values in copper, gold and silver and was located at the end of the sample line, providing encouragement for additional sampling to the south. An airborne survey by a previous owner showed a strong geophysical conductor in this area, and the potential here has not yet been thoroughly explored.

The samples in the Union tailings area did show that some of the rock deposited in the area carries values in addition to the values in the tailings, but the high grade gold values seen in a previous sample were not reproduced, possibly indicating a strong nugget effect in this material. This is supported by the relatively high silver value in sample CR131101-3. This was similar to the silver value in the previous high grade gold sample, indicating that the overall level of mineralization is similar. The quantities are small, and would therefore only be important if high grade material is confirmed. It may therefore be worth additional analysis, due to the high grades seen previously. Also, some of the other rock piles seen at the site may be worth sampling, as high grade material in this camp is not always apparent from a visual inspection.

References

BC MINISTRY of ENERGY and MINES, Minfile Records.

CANNON, R.W. and PINSENT, R.H., 1988: Geological, Geochemical and Geophysical Assessment Report on the Platinum Blonde Property, BC Assessment Report #17273.

CARON, L.J., 2004: Geology, Geochemistry, Trenching and Diamond Drilling Report on the Franklin Property, for Tuxedo Resources Ltd., BC Assessment Report #27328.

CARON, L.J., 2005: Geology, Rock Sampling, Prospecting, Trenching on the IXL Property, for Nanika Resources Inc., BC Assessment Report #27929.

CARON, L.J., 2006: Assessment Report on the 2006 Exploration Program, Prospecting and Rock Sampling, Union Property, Franklin Camp, for Yankee Hat Minerals Ltd., BC Assessment Report #28790.

CARON, L.J., 2007: Airborne Geophysical Survey, Union Property, Franklin Camp, for Yankee Hat Minerals Ltd., BC Assessment Report #29306.

COFFIN, D., 1989: Assessment Report on the Shorts and Chewmi Mineral Claims, BC Assessment Report #19504.

COFFIN, D., 1994: Assessment Report on the Burrell Property, BC Assessment Report #23464.

DRYSDALE, C.W., 1915: Geology of the Franklin Mining Camp, British Columbia. GSC Memoir 56.

HARRIS, F.R., 1991: Geological and Geochemical Report on the IXL Claims, for Canamax Resources Inc., BC Assessment Report #21768.

KEEP, M. And RUSSELL, J.K., 1992: Mesozoic Alkaline Rocks of the Averill Plutonic Complex, in Can. Jour. of Earth Sci., Vol. 29, p2508-2520.

LISLE, T.E. and CHILCOTT, R., 1964: Report on Franklin Mining Camp, for Franklin Mines Ltd., BC Assessment Report #637.

THOMLINSON, W., 1920: Mineral Investigations - Platinum, Munitions Resources Commission, Canada, Final Report.

WARKENTIN, D., 2012: Franklin Project Exploration and Geochemical Sampling Report, for Crucible Resources Ltd., BC Assessment Report #33945.

WARKENTIN, D., 2013: Franklin Project Exploration and Geochemical Sampling Report, for Crucible Resources Ltd., BC Assessment Report #34310.

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 23rd day of April 2014.

Doug Warkentin, PEng.
Metallurgical Engineer

Statement of Costs

Site Reconnaissance and Sampling

Prep, Travel and Site Labour (14 hours @ \$55/hr)	\$770.00
Transportation (\$155.64 truck rental, plus \$83.25 fuel)	\$238.89
Accommodation (1 day @ \$102.35/day)	\$102.35
Food and Supplies (2 days)	\$45.66

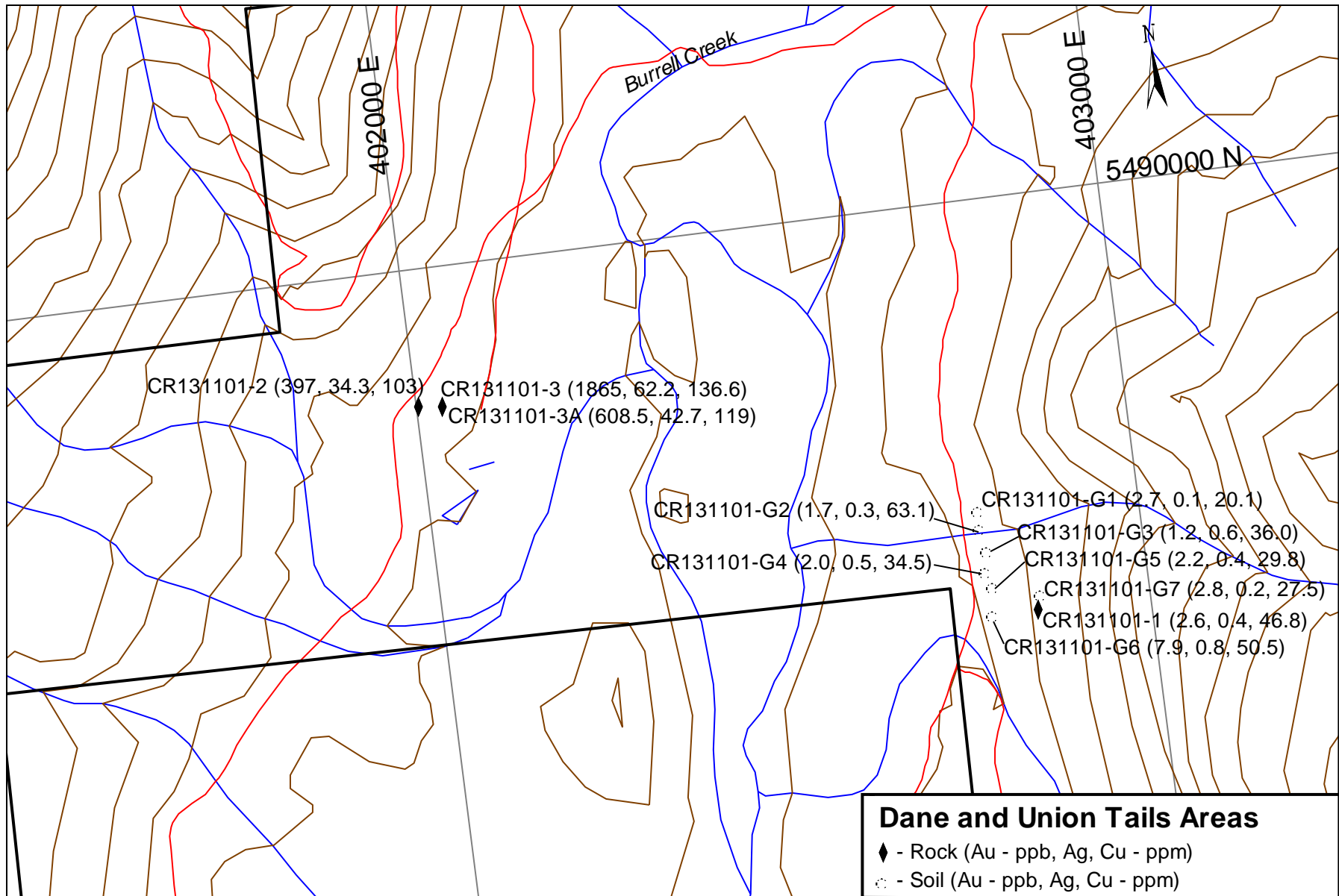
Sample Analysis

Sample Preparation (7 samples @ \$7.50/sample) (4 samples @ \$10.60/sample)	\$94.88
Sample Assaying (7 samples @ \$16.96/sample) (3 samples @ \$16.64/sample) (1 sample @ \$33.44/sample)	\$202.07

Report Preparation	\$550.00
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Total Cost	\$2,003.85
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Appendix 1 – Sample Location Map



Scale 1:8,000

Appendix 2 – Assay Reports



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Acme Analytical Laboratories (Vancouver) 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: January 03, 2014
Report Date: January 16, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN14000021.1

CLIENT JOB INFORMATION

Project: Franklin/Talc Creek
Shipment ID:
P.O. Number:
Number of Samples: 4

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-250, 1DX1, and G601.

SAMPLE DISPOSAL

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

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.



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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/Talc Creek
 Report Date: January 16, 2014

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN14000021.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	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	%	ppm	ppb	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	
CR131101-1	Rock	0.93	7.5	46.8	11.0	48	0.4	20.4	11.6	374	4.07	24.2	2.6	1.5	40	0.3	1.1	<0.1	104	0.62	0.087
CR131101-2	Rock	1.39	5.0	103.0	82.3	249	53.1	14.6	15.2	1084	3.86	93.9	397.1	0.9	97	1.1	2.2	0.1	118	3.14	0.088
CR131101-3	Rock	1.85	2.6	136.6	96.6	548	62.2	10.8	8.0	1088	2.49	67.1	2064.9	0.4	96	3.2	6.5	<0.1	53	3.89	0.055
CR131101-3A	Rock	0.58	4.6	119.0	105.8	292	42.7	13.7	12.9	1173	3.67	55.1	608.5	1.2	78	1.9	3.4	0.1	92	2.42	0.089

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 Vancouver BC V5V 2V8 CANADA

Project: Franklin/Talc Creek
Report Date: January 16, 2014

Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

VAN14000021.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
MDL	1	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	0.005	
CR131101-1	Rock	6	37	1.44	93	0.119	<20	1.84	0.090	0.10	0.2	<0.01	10.8	<0.1	0.86	7	1.4	<0.2	
CR131101-2	Rock	7	24	1.41	29	0.034	<20	1.90	0.037	0.14	0.2	0.23	7.7	0.1	0.69	8	1.5	<0.2	
CR131101-3	Rock	4	18	0.80	37	0.024	<20	1.08	0.032	0.12	0.1	0.02	4.0	0.1	0.52	4	4.2	<0.2	1.865
CR131101-3A	Rock	7	20	1.33	45	0.039	<20	1.86	0.025	0.15	0.2	0.21	6.2	0.1	0.42	7	2.1	<0.2	

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745 East 30th Ave
Vancouver BC V5V 2V8 CANADA

Submitted By: Doug Warkentin
Receiving Lab: Canada-Vancouver
Received: January 03, 2014
Report Date: January 16, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN1400022.1

CLIENT JOB INFORMATION

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SPLP	11	Sorting, labeling and boxing samples received as pulps			VAN
1DX1	7	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
1DX2	4	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps

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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Acme Analytical Laboratories (Vancouver) 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/Talc Creek
 Report Date: January 16, 2014

Page: 2 of 2

Part: 1 of 4

CERTIFICATE OF ANALYSIS

VAN14000022.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	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	2	0.01	0.001	1	
CR131101-G1	Soil Pulp	1.9	20.1	11.1	165	0.1	13.3	6.5	514	2.28	10.0	2.7	4.0	40	0.8	<0.1	0.2	42	0.24	0.140	10
CR131101-G2	Soil Pulp	2.2	63.1	21.7	215	0.3	23.1	9.8	785	3.23	12.3	1.7	5.3	39	0.9	0.2	0.3	50	0.34	0.124	24
CR131101-G3	Soil Pulp	3.1	36.0	13.5	152	0.6	18.5	10.3	934	2.30	15.3	1.2	2.7	16	1.6	0.5	0.2	34	0.12	0.120	10
CR131101-G4	Soil Pulp	3.8	34.5	16.5	159	0.5	17.7	9.9	569	2.43	62.2	2.0	3.3	19	2.1	0.7	0.2	32	0.18	0.126	15
CR131101-G5	Soil Pulp	6.1	29.8	15.1	146	0.4	21.2	9.8	406	2.66	91.1	2.2	3.9	18	0.9	1.0	0.3	41	0.15	0.200	9
CR131101-G6	Soil Pulp	3.9	50.5	15.6	321	0.8	36.9	10.5	887	4.00	14.9	7.9	5.2	66	2.1	0.4	0.2	64	0.64	0.041	44
CR131101-G7	Soil Pulp	2.0	27.5	32.0	216	0.2	13.4	7.6	1017	2.27	11.8	2.8	3.9	25	1.2	0.2	0.2	43	0.24	0.116	16
CR131102-S1	Silt Pulp																				
CR131102-S2	Silt Pulp																				
CR131102-S3	Silt Pulp																				
CR131102-S4	Silt Pulp																				

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Project: Franklin/Talc Creek
 Report Date: January 16, 2014

Page: 2 of 2

Part: 2 of 4

CERTIFICATE OF ANALYSIS

VAN1400022.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX15	1DX15	1DX15	1DX15
Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Mo	Cu	Pb	Zn
Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
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	0.1	0.1	0.1	1
CR131101-G1	Soil Pulp	17	0.21	144	0.105	<20	3.36	0.014	0.05	0.2	0.03	2.0	0.1	<0.05	7	0.6	<0.2			
CR131101-G2	Soil Pulp	24	0.35	177	0.104	<20	3.26	0.015	0.07	0.2	0.05	4.0	0.2	<0.05	7	0.8	<0.2			
CR131101-G3	Soil Pulp	10	0.22	172	0.131	<20	4.20	0.017	0.05	0.2	0.05	3.0	0.1	<0.05	9	1.0	<0.2			
CR131101-G4	Soil Pulp	10	0.24	158	0.131	<20	4.48	0.020	0.04	0.2	0.05	3.7	0.2	<0.05	9	1.0	<0.2			
CR131101-G5	Soil Pulp	14	0.24	128	0.108	<20	3.46	0.015	0.04	0.3	0.03	2.1	0.1	<0.05	8	0.9	<0.2			
CR131101-G6	Soil Pulp	32	0.45	186	0.058	<20	1.85	0.022	0.07	0.2	0.04	4.1	0.1	<0.05	5	1.2	<0.2			
CR131101-G7	Soil Pulp	18	0.31	182	0.096	<20	2.44	0.013	0.05	0.2	0.04	2.5	0.1	<0.05	6	0.9	<0.2			
CR131102-S1	Silt Pulp																0.6	131.8	7.0	52
CR131102-S2	Silt Pulp																0.6	48.5	2.5	44
CR131102-S3	Silt Pulp																1.3	42.0	2.1	98
CR131102-S4	Silt Pulp																0.4	37.4	0.9	21