Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: 2014 Rock Geochemical Survey **TOTAL COST:** $17,850.81

AUTHOR(S): A. Koffyberg, PGeo **SIGNATURE(S):** Original Signed by Author

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): **YEAR OF WORK:** 2014

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event 5528176 (2014/oct/27)

PROPERTY NAME: Castle Copper Property

CLAIM NAME(S) (on which the work was done): 530877

COMMODITIES SOUGHT: copper, silver, molybdenum, gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: Rats prospect (092HNE176)

MINING DIVISION: Similkameen **NTS/BCGS:** 92H.058

LATITUDE: 49 ° 34 ' " **LONGITUDE:** 120 ° 27 ' " **(at centre of work)**

OWNER(S):

1) Blue River Resources 2)

MAILING ADDRESS:

Suite 501 - 525 Seymour Street

Vancouver BC V6B 3H7

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

1) Blue River Resources 2)

MAILING ADDRESS:

same as above

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

Upper Triassic Nicola Group volcanic rocks, and mid-Cretaceous Summers Creek pluton intruding the volcanic rocks. Mineralization includes chalcopyrite, malachite and minor bornite within brittle shear zones, fractures, veins within mafic volcanic rocks. Alteration consists of magnetite, pyrite with lesser albite and epidote.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 33285, 32480, 32401, 32187, 31835, 30097, 20707, 20113, 19165, 16135, 6292, 4555, 3189, 318

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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			
Silt			
Rock	24 grab samples; multi-element; 1 sample Cu	530877	17,850.81
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
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:	$ 17,850.81

ASSESSMENT REPORT

on the

2014 ROCK GEOCHEMICAL SURVEY

on the

CASTLE COPPER PROPERTY

Similkameen Mining Division, BC

BCGS 92H.058

For Owner / Operator

Blue River Resources

Suite 501 – 525 Seymour Street
Vancouver, BC
V6B 3H7

Exploration on Claim: 530877

Work Filed on Claims: 530877, 616883, 616903, 616923, 616943, 651164, 651203, 651223, 732882, 810182

NTS: 092H/09
LATITUDE: 49° 34' N
LONGITUDE: 120° 27' W
AUTHOR: A. Koffyberg, PGeo
CONSULTANTS: Discovery Consultants
DATE: January 15, 2015

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SUMMARY

This assessment report ("Report") describes the 2014 geochemical rock sampling survey by Blue River Resources ("Blue River") on the Castle Copper Property ("Property"). The work is part of an ongoing program of exploration for a copper-silver-molybdenum porphyry deposit. Fieldwork for the rock sampling survey was carried out by personnel of Discovery Consultants of Vernon, BC.

The Property is located in south-central British Columbia, approximately 12 km northeast of Princeton, BC. The centre of the Property occurs at latitude 49°34' north and longitude 120°27' west. Access to the Property is by paved roads and well-maintained dirt roads from Highway 5A and the Princeton-Summerland Highway.

Geologically, the Property is situated in the southern part of the Quesnel Terrane and is mainly represented by late Triassic arc alkaline to calc-alkaline, mafic to intermediate volcanic rocks, and volcanic-derived sediments of the Nicola Group. On the Property, these lithologies occur as plagioclase and/or olivine porphyritic basaltic flows and altered andesitic flows. The Nicola Group volcanic rocks are in contact with the middle Cretaceous Summers Creek pluton in the north-central part of the Property. The eastern part of the Property is underlain by granodiorites of the mid-Jurassic Osprey Lake batholith. Eocene Princeton Group volcanic and sedimentary rocks underlie the western part of the Property.

The known mineralization (the Rats prospect) consists of copper-silver-molybdenum mineralization hosted within northwest-trending brittle shear zones, sheeted veins, and breccia zones in massive basalt and mafic fragmental rocks of the Nicola Group. These rocks are hornfelsed within about 100 m of a monzodiorite border phase of the Summers Creek pluton. A post-mineral feldspar-hornblende-quartz porphyry dike intrudes the mineralized zone.

The 2014 exploration program consisted of a geochemical rock sampling survey focusing on the area of historical work on the Property, the Rats prospect. Access to the Property was by 4-wheel drive truck. In total, 24 rock samples were collected and sent for analysis. Trenches built as road cuts during previous exploration programs provided exposure of outcrops along several contours on the hillside. Rock grab sampling focussed on visible mineralization along the trails/trenches, and on exposed shear zones / fracture zones. Mineralized rocks were sampled in outcrop where possible, and as loose rock at the base of the road cut trenches along trails.

Rock sampling of zones having malachite staining, and chip sampling across shears yielded

copper values of up to 2.2% Cu. A total of 21 of 24 samples contain copper values >0.1 % Cu; averaging 0.57% Cu, 8 ppm Ag and 56 ppm Mo. Mineralization within these samples is predominantly pyrite and chalcopyrite, with secondary malachite.

The highest value of 2.2% Cu is from a 10 cm wide shear zone within Nicola Group volcanic rocks. This sample also carries 38 ppm Ag, 135 ppm Mo, 33 ppb Au, and 0.17% Pb. The adjacent wall rock sample carries 0.53% Cu.

It is recommended that an IP survey, in conjunction with a magnetic survey, be conducted over historic ground magnetic anomalies, mapped as overlying in part the Summers Creek pluton, a possible source of the mineralizing fluids.

2.0 INTRODUCTION

This assessment report ("Report") describes the 2014 geochemical rock sampling program on the Castle Copper Property. The Property is owned by Blue River Resources Ltd ("Blue River"). Discovery Consultants, of Vernon BC, was retained to manage the exploration program on the Property and to complete a report. Fieldwork pertaining to the rock sampling was performed by personnel of Discovery from October 6 to 8, 2014. The focus of the program was to explore for a porphyry copper- silver ±molybdenum type deposit.

3.0 LOCATION AND ACCESS

The Property is located within the southern Thompson Plateau of south-central British Columbia, approximately 12 km north of the town of Princeton, BC (Figure 1). The centre of the Property lies at latitude 49°34' north and longitude 120°27' west. It stretches about 3 km east-west and 5.5 km north-south.

The Property can be reached from the city of Princeton via Highway 5A for 0.5 km, then proceeding northeast along the Princeton-Summerland road for 9 km to the Jura FSR turnoff (also called the Hembrie Mountain Road). At the 3 km mark is the turnoff to access a network of forestry roads and trails for 1.5 km to the Property. Dirt roads and trails allow access to most areas of the Property. Some areas are best accessed by the use of an all-terrain vehicle.

The town of Princeton serves as the nearest supply centre. The Copper Mountain Mine, located 20 km south of Princeton, re-opened in 2009 and serves as a major employer in the region. The Property lies 36 km south of Highway 97C (the Okanagan Connector) running between Merritt and West Kelowna. A BC Hydro electrical transmission line runs north-south about 4 km west of the Property.

DISCOVERY Consultants	BlueRiver RESOURCES
Castle Copper Property	Property Location

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
Dec.28, 2014	937	1:10,000,000	092H.058	Similkameen	1

4.0 TOPOGRAPHY, VEGETATION & CLIMATE

Physiographically, the Property lies within the southern Thompson Plateau. Topography in this region consists of gentle rolling hills. The Property ranges in elevation from about 930 to 1,330 m above sea level. The terrain consists of open forest of pine, fir and aspen at higher elevations to the north; and open, grassy meadows and rangeland at lower elevations to the south. Outcrop exposure is scarce as much of the terrain is covered by glacial drift. Road cuts and trenches provide the best rock exposures.

Drainage is via Christian Creek, which drains southeasterly into Hayes Creek. This creek flows southerly to join the Similkameen River in the Highway 3 valley east of Princeton. The Similkameen River flows east and south to join the Okanogan River south of the international border near Oroville, Washington State.

The local climate is classified as the Interior Dry Zone. Precipitation is light and varies from 30 to 50 cm per year, with 25 to 30% occurring as snowfall. Surface exploration work on the Property is most favourable between April and November, although year-round exploration is possible.

5.0 PROPERTY DESCRIPTION

The Property consists of ten contiguous MTO mineral claims and covers an area of about 1,530 hectares (Figure 2), within the Similkameen Mining Division. The claim block is located on BC Geographic System (BCGS) map 092H.058; and National Topographic System map 092H09W. All claims are 100% owned by Blue River. Five of the claims (530877, 616923, 616883, 616903, and 616943) are subject to a 2% NSR. Assessment work in 2014 was done on claim 530877. Table 1 lists the details of the claim tenures.

A land title search shows that parts of the Property overlie private land ownership (Figure 2). According to the Mineral Tenure Act Regulations, surface land owners must be given a 10-day advance notice when access to the Property will use private roads to cross their land or when exploration occurs on their land. The land owners may apply to the BC Ministry of Energy and Mines ("BCMEM") to have Blue River post a bond to cover any reclamation of possible surface disturbance on their properties.

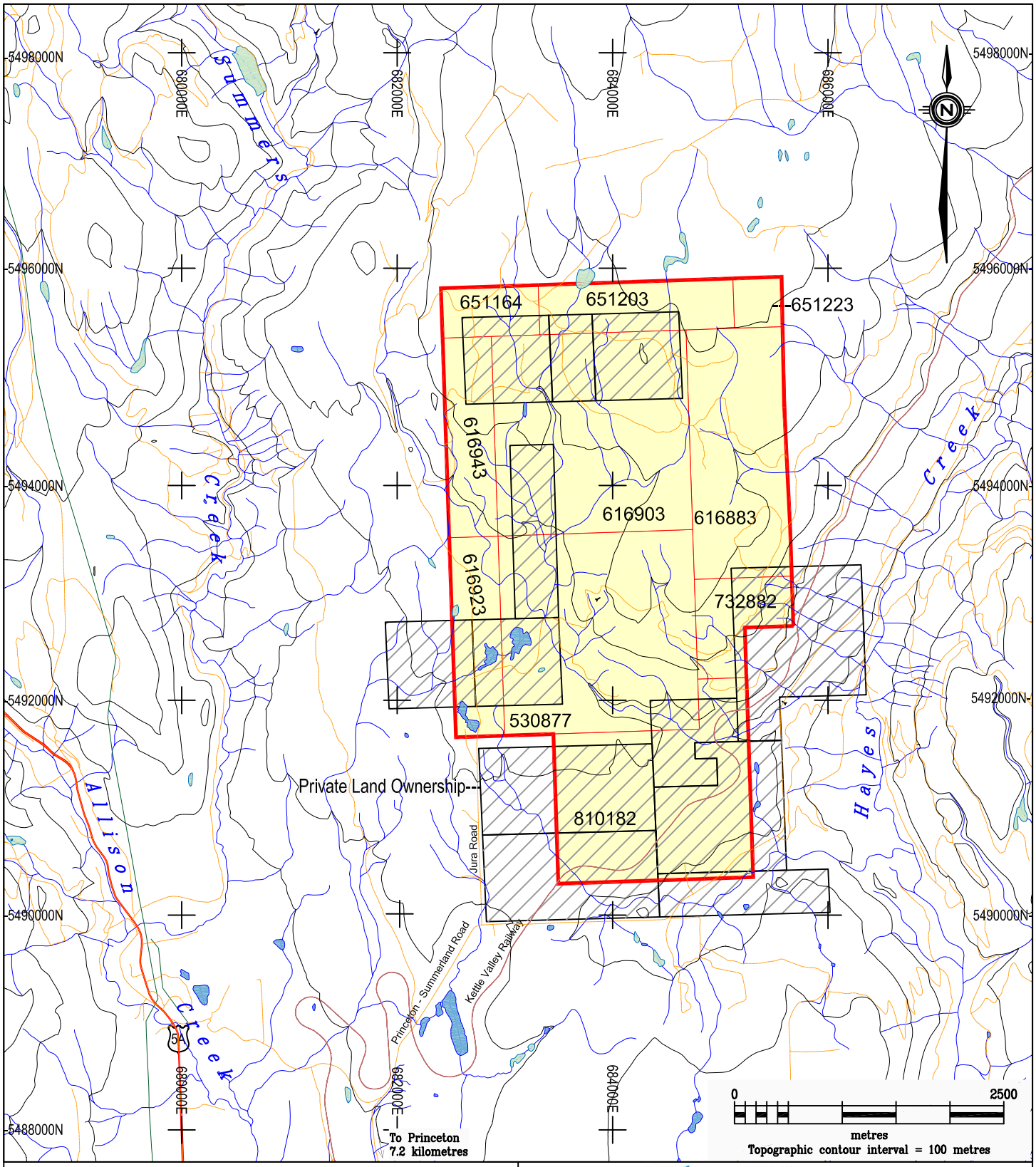
The Property hosts the Rats prospect (Minfile 092HNE176), also known as the Jura Copper prospect. Other Minfile names associated with the prospect are the Elk and Mac. Previous work

classified the showing as a porphyry copper-gold and related vein-stockwork type deposit. The prospect is located in the central part of the Property within mineral claim 530877.

TABLE 1: Tenure Description

Tenure Number	Claim Name	Area (ha)	Registered Owner	Good to Date**
530877	RATS	335.30	Blue River Resources Ltd	2018/aug/15
616883	RATS 1	209.50	"	2016/nov/01
616903	RATS 2	335.19	"	2016/nov/01
616923	RATS 3	83.83	"	2016/nov/01
616943	RATS 4	83.80	"	2016/nov/01
651164	RATS 5	41.89	"	2016/nov/01
651203	RATS 6	83.78	"	2016/nov/01
651223	RATS 7	20.94	"	2016/nov/01
732822	ZEIRY	62.87	"	2016/nov/01
810182	LUCKY	272.51	"	2016/nov/01
Total:		**1,529.61**		

** Good to date is dependent on the acceptance of this report



DISCOVERY Consultants

BlueRiver RESOURCES

Castle Copper Property

2014 Prospecting

Tenure Locations

Date:	Dec.28, 2014	Project:	937	Scale:	1:50000	N.T.S.:	92H.058	Mining Div:	Similkameen	Figure:	2

6.0 EXPLORATION HISTORY

The Rats prospect was initially explored by a single adit (Figures 4 and 5) excavated some time prior to 1969. The nearby Lucky Strike prospect (Figure 3) was explored in 1927 and 1928 with three adits and several test pits, suggesting that the adit at the Rats prospect may have been driven around the same year.

The first systematic, reported exploration work was conducted by Kennco Explorations (Western) Ltd ("Kennco") in 1959. The company staked a large claim block termed the F.H. claims, which included the current Property and ground to the south. An airborne magnetometer survey initially identified an area of high magnetic response in an area currently within the Property. Kennco continued its exploration with regional scale geological mapping, a geochemical (soil) survey, geophysical (magnetic and IP) surveys, diamond drilling (four holes southeast of the Property) and 3,764 m of bulldozer trenching in 10 trenches (Anderson and Gower, 1959). Most of this work was focussed in the area of the Lucky Strike prospect to the south.

The Elk and Sleeper group of claims was staked in 1965 by J.P. Wishart and transferred to Cop-Ex Mining in 1967. Subsequently, Amax Exploration Inc assessed the ground and in 1970 and 1971 conducted geological mapping, geochemical and geophysical surveys (magnetometer and induced polarization) on the property (von Rosen, 1971). The company also staked the Rok claims in 1970 adjoining the Elk group of claims on the northern boundary, and carried out geochemical, geological and magnetic surveys (Morton and Hodgson, 1971). The Rok claims were underlain predominantly by intrusive rocks, and no significant geochemical anomalies were produced (Christoffersen, 1989a).

In 1972, Cop-Ex Mining carried out an induced polarization ("IP") survey, geochemical soil surveys, trenching, percussion and diamond drilling programs on the Elk and Sleeper group of claims (McClaren, 1972). A total of 1,585 m of percussion drilling in 28 holes was completed. Of these, the company drilled 7 percussion holes, ranging from 30 to 73 m depths on the main copper (Rats) prospect. The best intersection was 0.37% Cu over 24 m (United Mineral Services, 1976). Outside of the main area of interest, deep overburden and caving prevented much of the percussion drilling from reaching bedrock. Note that the results of this drill program when originally released (George Cross News Letters, 1972), erroneously reported copper grades in the order of 1% Cu, instead of the correct 0.1% Cu.

This work was followed up by an 8-hole, 1,141 m diamond drill program in late 1972 and early

1973. Five holes were drilled in 1972, in the area of the Rats prospect, termed the North Zone, for a total of 711 m. Two of these holes reached bedrock, had good core recovery (DDH7 2-3 and 72-4), and intersected massive andesites and tuffs with some epidote and K-feldspar alteration. The best intersection was 0.3 % Cu over 18 m (United Mineral Services, 1976). [Note: the hole number and its location were not reported]. In early 1973, 430 m of diamond drilling were carried out in 3 holes; 2 located northwest of the North Zone and one south of Christian Creek. The best intersection was 0.22% Cu over 3.0 m in DDH73-2 (Hogan, 1973).

In 1973, a ground magnetometer survey was completed over some of the same ground surveyed by Amex in 1971, for Titan-Polaris Mines on its Ho claims (Nielsen and Gutrath, 1973). The survey lies within current tenures 616903 and 651293 in the northern part of the Property.

During the mid-1970s, Quintana Minerals Corp optioned the Pioneer claims, which formed a large claim block that included the current Property. In 1977, the company focussed its work on the historic Lucky Strike prospect to the southeast, completing a program of geological mapping and rock geochemistry (Wolfhard, 1977).

In 1986, L. Nyman staked the Rats and Rats 1 claims. The property was evaluated by Count Fleet Exploration Ltd, which completed geological mapping and geochemical rock sampling over the area of historic trenching (St. Louis, 1986).

J.E. Christoffersen staked the Mac and Boch 1-4 claims in 1988, with the Mac claim replacing the Rats claim. He completed a detailed geological map at a scale of 1:2500 of the historic trenches, and conducted a geochemical soil survey over the property (Christoffersen, 1989b). Noranda Exploration Company evaluated the property and collected 27 rock samples.

The property was later optioned to Cominco and in 1990 the company conducted IP and magnetometer surveys, extending the IP anomaly outlined by Kennco in 1959 to the east and south (Pauwels, 1990). This area has also been known as the Bonacci and Lucky properties.

L.R. Sostad acquired the Rats claim as MTO mineral tenure 530877 in 2006. A limited mobile-metal-ion (MMI) soil survey was done on two sub-parallel contour-oriented grid lines the same year (McLeod, 2008).

In 2008, the Property, which now comprised five MTO mineral claims, was named the Castle Copper Property and optioned to Blue River. The company carried out extensive explo ration

programs in 2008 and 2009, focussing on the historic trenches and nearby exposures (Arseneau, 2011). The work included:

- a VLF-EM geophysical survey along with a limited magnetic survey. The results indicated localized northerly, northwesterly and northeasterly structures which may be related to structures responsible for the copper mineralization found in the trenches
- a geochemical soil survey over a 550 m by 200 m area over the historic trenches. Of the 542 samples collected, 75 samples were greater than 20 ppm Cu, 35 samples were greater than 500 ppm Cu and 24 soils returned values greater than 1,000 ppm Cu.
- re-opening the historic trenches (Rats prospect). The trenches exposed copper sulphide and copper oxide mineralization
- excavation of 12 small trenches / road cuts along a south-facing slope on a ridge north of Christian Creek. Grab rock samples typically yielded from 0.1 to 0.9 % Cu, with one sample returning a value of 10.4% Cu

In addition, an airborne Aero TEM electromagnetic and magnetic survey was flown over the Property in June 2009.

In 2010, Blue River earned its interest in the Property. The company expanded its exploration focus, conducting a gridded soil survey on north-south lines west and south of the historic trenches, as well as a ground magnetometer survey (Gray, 2010). In total, 129 soil samples were collected and underwent multi-elemental analysis. No anomalies were produced for copper, gold or molybdenum. The magnetometer readings along the grid returned low responses.

Later in 2010, a ground geophysical (VLF-EM and magnetometer) survey was conducted on the northern part of the Property, and consisted of two 3 line-km east-west lines spaced 200 m apart. The survey was successful in defining geophysical anomalies along the lines, which were located two km north of the area of known copper mineralization at the Rats prospect (Garrow, 2011a).

In 2011, a geophysical (VLF-EM and magnetometer) survey of 5 line-km was completed across the main Rats prospect, comprising 4 east-west lines spaced 200 m apart. The VLF-EM response outlined three anomalies on a roughly north-south trend. The magnetometer data showed an anomaly in the south-central part of the grid (Garrow and Scott, 2011). Later that year, an in-fill survey was completed (21 line-km). Weak conductors outlined possible north-trending faults (Garrow, 2011b).

An NQ diamond drill program was carried out in 2011 in 12 holes, for a total of 1,349 m. The drill program focussed on the area of historic trenching, and on areas of coincident geochemical and geophysical anomalies. Best results were 43 m of 0.16% Cu in hole BXR-11-4; 90 m of 0.09% Cu in hole BXR-11-7; and 201 m of 0.04% Cu in hole BXR-11-9 (Gray, 2012).

In 2013, geologists from the British Columbia Geological Survey ("BCGS") collected five rock samples from the area in and around the Rats prospect, as part of a regional mapping project over the southern Nicola Arc (Mihalynuk et al., 2014). Copper values ranged from 983 ppm Cu to greater than 10,000 ppm Cu. Best silver, molybdenum and gold values were 17 ppm Ag, 123 ppm Mo and 41 ppb Au.

7.0 GEOLOGY

7.1 Regional Geology

The Property is situated within the southern part of the Quesnel Terrane of the Intermontane Belt. The Quesnel Terrane is mainly represented by late Triassic / early Jurassic, arc alkaline to calc-alkaline, mafic to intermediate, sub-marine to sub-aerial volcanic rocks and volcanic-derived sediments of the Nicola Group (Preto, 1979). This belt of volcanic rocks, along with co-magmatic alkaline intrusions, is some 40 to 50 km wide and extends throughout the length of the Intermontane Belt to northern British Columbia. The belt is known to host numerous porphyry copper-gold deposits, including Copper Mountain, New Afton, Mt. Polley, Mt Milligan and Galore Creek.

In southern British Columbia, Nicola Group rocks have been intruded by numerous coeval plutons ranging from diorite, monzonite and syenite, to granodiorite and granite. Important copper-gold deposits in this region include Copper Mountain, Miner Mountain, Axe, Man/Prime and Big Kidd.

The Nicola Group volcanic-plutonic arc rocks in this region have been divided into three sub-parallel structural belts, referred to as the Western, Central and Eastern Belt, on the basis of physical and chemical differences of the rock assemblages (Preto, 1979). The Property lies within the Eastern Belt, described as submarine volcanic sedimentary rocks, lahar and basalt flows with co-magmatic stocks. The Summers Creek Fault, about 3.5 km west of the Rats prospect, separates rocks of the Central Belt from those of the Eastern Belt which underlie the Property. Farther west, the Allison Fault system separates Central Belt from Western Belt rocks (Preto, 1979). The volcanic and sedimentary rocks of the Nicola Group in this area have been regionally metamorphosed to lower greenschist facies (Mihalynuk et al., 2014).

The Nicola Group rocks have been intruded by large diorite to granitic plutons ranging in age from Triassic-Jurassic to early Tertiary (Monger and McMillan, 1989). In the area of the Property, the volcanic package is bounded to the northeast by the middle Cretaceous Summers Creek pluton, of granodiorite composition. To the east is the mid-Jurassic age Osprey Lake batholith, a large, composite intrusive complex that comprises granite with megacrystic feldspars (Mihalynuk and Logan, 2013).

The youngest rocks in the region are the Eocene volcanic and sedimentary rocks of the Princeton Group.

7.2 Property Geology

The Property was geologically mapped and described by St. Louis (1986) and Christoffersen (1989). Recent regional mapping and rock sampling by geologists of the BCGS has increased the understanding of the regional scale geology (Mihalynuk et al., 2014). The following description is summarized from these reports.

The Property is mainly underlain by basaltic and andesitic flows of the Upper Triassic Nicola Group. These rocks consist mainly of plagioclase and/or olivine porphyritic basaltic flows and altered andesitic flows. Multi-directional shearing or fracturing is evident in outcrop, and is generally northeasterly and northwesterly. Magnetite is ubiquitous as fine disseminations. The Nicola Group volcanic rocks strike in a northwesterly direction.

Recent mapping by the BCGS (Mihalynuk et al., 2014) has extended the southern boundary of the middle Cretaceous Summers Creek pluton to a location southeast of the Rats prospect. Therefore, within the Property, the Nicola Group volcanic rocks are in contact with the Summers Creek pluton and not in contact with the middle Jurassic Osprey Lake batholith, as previously thought. The western edge of the Osprey Lake batholith is now further east, occupying the eastern part of the Property. Note that various historical mapping programs, as described in assessment reports, show a much more complex and at time contradictory geology than is shown in Figure 3.

The Eocene Princeton Group basalts and sedimentary rocks, which comprise shales, arkoses and sandstones, occur in a graben on the southwestern part of the Property.

Extensive glacial overburden occurs to the south of Christian Creek, resulting in outcrop

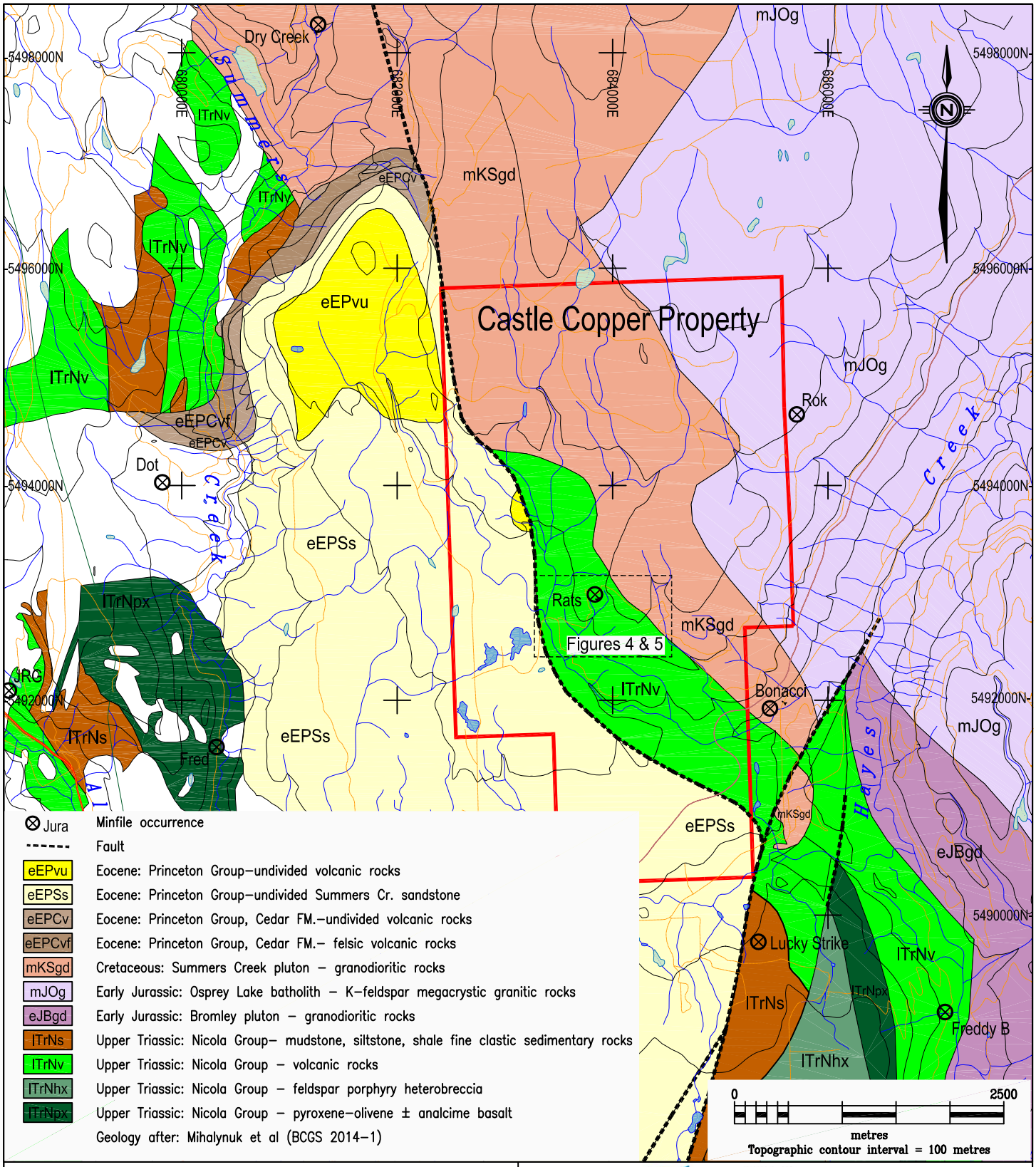
exposures generally restricted to high ridges exposed to the north of the creek.

Hayes Creek valley to the east of the Property, and the Christian Creek valley represent local faults (von Rosen, 1971).

The known mineralization is named the Rats prospect, also called Castle or Jura prospect. Cu-Ag±Mo mineralization is hosted in northwest-trending brittle shear zones, sheeted veins, and breccia zones in massive basalt and mafic fragmental rocks of the Nicola Group. These rocks are hornfelsed within about 100 m of a monzodiorite border phase of the Summers Creek pluton. A post-mineral feldspar-hornblende-quartz porphyry dike intrudes the mineralized zone (Mihalynuk et al., 2014).

Two styles of alteration and mineralization are recognized, one with K-feldspar, magnetite, actinolite and epidote with chalcopyrite, the other with albite, epidote, magnetite, pyrite, and chalcopyrite in quartz and calcite veins/stockworks. Minor bornite and possibly chalcocite have also been noted (Gray, 2010). Malachite staining is common on surface and in fractures, along with clays, iron oxide and minor carbonate.

Rocks samples collected by the BCGS returned copper values ranging from 0.1% to >1% copper, confirming historic surface sampling. Molybdenum values of up to 123 ppm Mo were obtained (Mihalynuk et al., 2014).



DISCOVERY Consultants

BlueRiver RESOURCES

Castle Copper Property

2014 Prospecting

Geology

Date:	Dec.28, 2014	Project:	937	Scale:	1:50000	N.T.S.:	92H.058	Mining Div:	Similkameen	Figure:	3

8.0 2014 GEOCHEMICAL ROCK PROGRAM

8.1 Sampling Method and Approach

A rock sampling program was performed from October 6 to 8, 2014. Fieldwork was performed by a 2-man crew. Rock samples were collected from outcrop, subcrop, float at the base of trenches/rock cuts, and from float on talus slopes. The samples mostly comprised grab or composite samples of copper-bearing rocks. Three narrow chip samples were also collected (Appendix 1).

Rock sampling focussed on the area in and around the Rats prospect. Trenches built as road cuts in previous exploration programs provided exposure of outcrops along several contours on the hillside. Rock grab sampling focussed on visible mineralization along the trails/trenches, and on exposed shear zones / fracture zones. Mineralized rocks were sampled in outcrop where possible, and also as loose rock at the base of the road cut trenches along trails.

Locations of rock samples were recorded with a GPS, and field observations about the sample sites and mineralogy recorded. Sites were flagged and marked with an aluminum tag attached to a permanent object.

The Property was accessed using a 4-wheel drive vehicle, travelling on a daily basis from Princeton. In total, 24 samples were sent for analysis. Samples were collected in plastic bags, placed in rice bags and sent to Acme Analytical Laboratories ("Acme") in Vancouver, BC.

8.2 Sample Preparation, Analysis, QC/QA

At Acme, the rock samples were dried at 60 ° C, crushed and sieved to -80 mesh (<180 microns). Sub-samples (15.0 g) were digested in hot (95 ° C) aqua regia (HCl-HNO_3-H_2O); following which the samples were analysed by inductively–coupled plasma emission spectrometry/mass spectrometry (ICP-ES/MS) techniques for a multi-element suite of 36 elements (Acme's Group AQ201). One over-limit copper result was assayed by ICP-ES methods following aqua regia digestion (AQ374-x). The analytical results are shown in Appendix I.

Laboratory quality control samples included control blanks, duplicates and standards. Sample blanks, pulp and preparation duplicates, and standards were run with the batch analysis. No problems were noted with either analytical accuracy or precision.

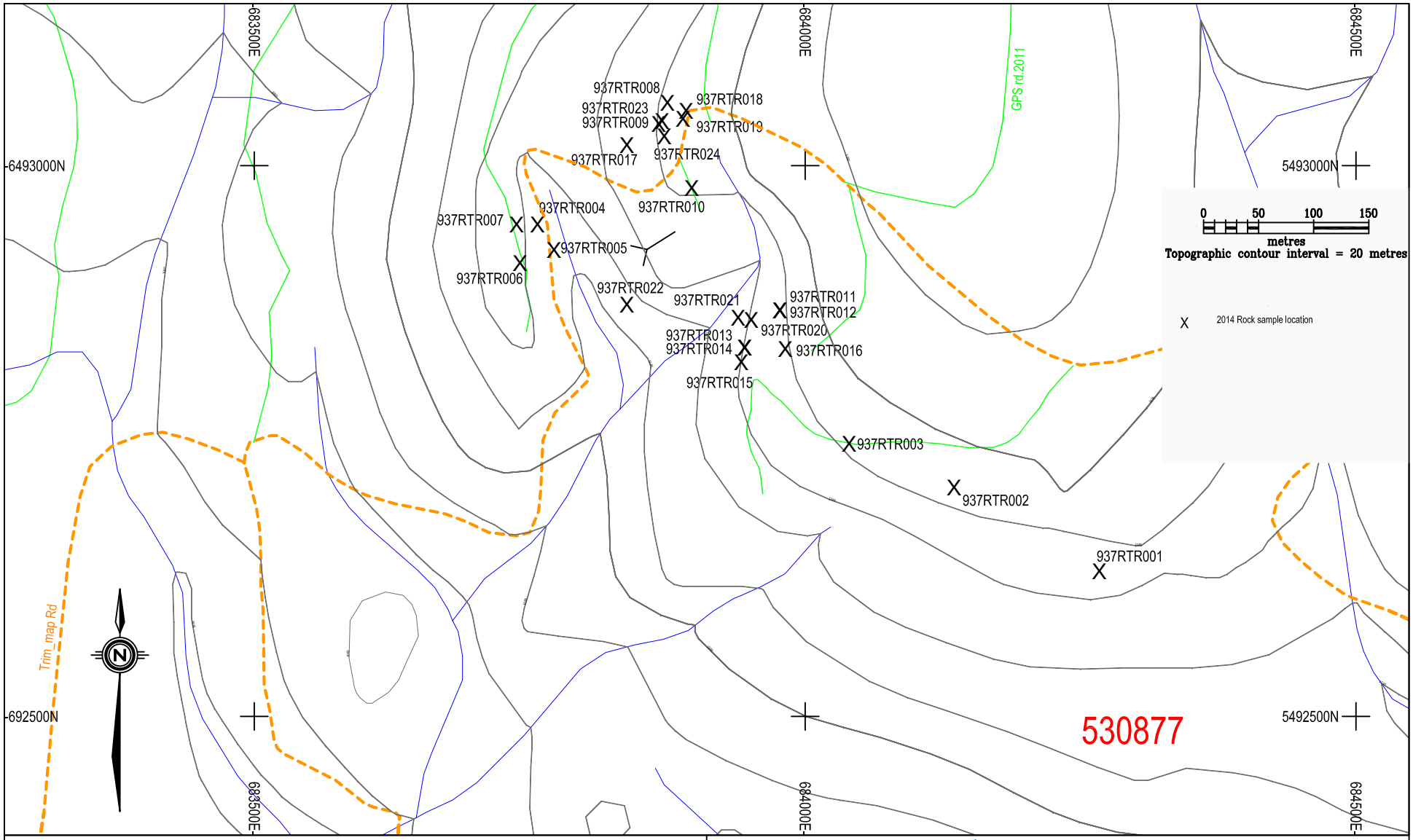
8.3 Results

In total, 24 samples were collected. Figure 3 shows the area of the rock sampling in relation to the Property. Sample numbers are shown on Figure 4 and copper values are shown on Figure 5. Mineralization most commonly observed was malachite on weathered surfaces and fractures. Pyrite and less commonly chalcopyrite was observed on fresh surfaces as fine, disseminated grains. Alteration is commonly magnetite, sometimes epidote and chlorite, and infrequently potassic feldspar. Quartz and carbonate veining were not commonly observed.

A total of 21 of 24 samples have copper values greater than 0.1% Cu, averaging 0.57% Cu. The highest value of 2.2% Cu (sample 937RTR014) is from a 10 cm wide shear zone within Nicola Group volcanic rocks. This sample also carries 38 ppm Ag, 135 ppm Mo, 33 ppb Au and 0.17 % Pb. The adjacent wall rock sample carries 0.53% Cu.

Photo 1: Location of rock samples 937RTR013 and 014. A chip sample across the 10 cm wide shear ran 2.27% Cu; the adjacent wall rock sample to the right ran 0.53% Cu.

Photo 2: Road cut trench showing the location of sample 937RTR023, with detail on the right. A chip sample across the shear ran 0.68% Cu.



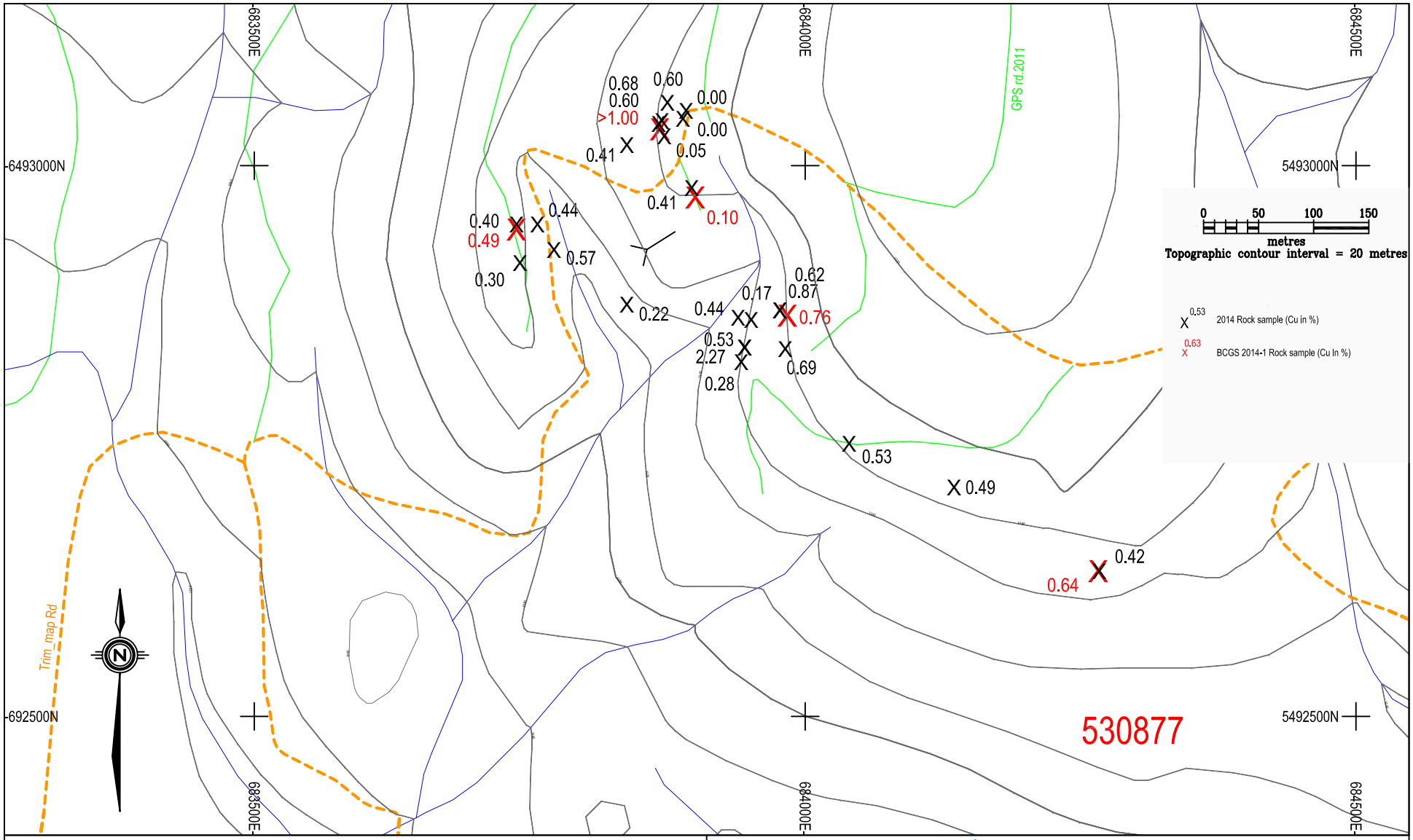
DISCOVERY Consultants

BlueRiver RESOURCES

Castle Copper Property

2014 Rock Sample Locations

Date:	Dec.28, 2014	Project:	937	Scale:	1:5000	N.T.S.:	092H.058	Mining Div:	Similkameen	Figure:	4



DISCOVERY Consultants

BlueRiver RESOURCES

Castle Copper Property

2014 Rock Geochemistry – Copper in Percent

Date:	Dec.28, 2014	Project:	937	Scale:	1:5000	N.T.S.:	092H.058	Mining Div:	Similkameen	Figure:	5

Photo 3: Outcrop with malachite staining, near 937RTR017. This sample ran 0.41% Cu.

Photo 4: Location of r ock samples 937RTR011 and 012, which ran 0.62% Cu and 0.87% Cu respectively. This site is the location of BCGS sample 26-8, which ran 0.76% Cu.

Photo 5: Rock sample 937RTR007, which ran 0.40% Cu . Detail on right sh owing chalcopyrite mineralization. This site is near the location of BCGS sample 26-11, which ran 0.49% Cu.

Four rock samples contain gold values of 3,637, 59, 39 and 33 ppb Au. Sample 937RTR024, which ran 3,637 ppb Au and 452 ppm Cu, was chipped across a 50 cm shear zone, a rusty brown to white, friable, altered zone, as seen in Photo 6.

Photo 6: Shear zone, with chip sample 937RTR024 across 50 cm, and which ran 3,637 ppb Au and 452 Cu.

Silver values are up to 38 ppm Ag, and molybdenum values are up to 226 ppm Mo. One sample (937RTR023) contains 0.68% Cu and >1% Zn. Outcrops sampled by the BCGS geologists were re-sampled, and copper values were confirmed.

9.0 DISCUSSION AND CONCLUSIONS

Recent geological mapping by BCGS geologists has revised the understanding of the mineralization of the Rats prospect:

- Within the Property, the Nicola Group volcanic rocks, which host the mineralization, are now considered to be in contact with the Cretaceous Summers Creek pluton, previously thought to be in contact with the mid-Jurassic Osprey Lake batholith. The western edge of the Osprey Lake batholith has been determined to lie further to the east, although still within the eastern part of the Property.
- The Nicola Group volcanic rocks at the Rats prospect have been hornfelsed within about 100 m of the fine-grained monzodiorite border phase of the Summers Creek pluton.
- Cu-Ag±Mo mineralization is hosted in northwest trending brittle shear zones, sheeted veins and fractures, and breccias of the altered Nicola Group basalts.
- Significant gold occurred in only one sample, accompanied by < 0.1% copper. This chip sample was taken from a shear zone
- The alteration and mineralization assemblage comprises magnetite, epidote, minor K-feldspar, minor quartz and calcite, with pyrite, chalcopyrite and minor bornite.

The recent revision to the bedrock mapping in the area by BC GS geologists (Mihalynuk et al., 2014) has implications for the deposit type, which was previously thought to be an alkalic porphyry Cu-Au deposit. The contact between the Nicola Group volcanic rocks and the middle Cretaceous Summers Creek pluton implies a mineralizing event of middle Cretaceous age. Thus it is likely that the mineralization is related to calc-alkaline porphyry type deposits. Similar Cretaceous to Tertiary copper-silver-molybdenum calc-alkalic porphyry mineralization occurs elsewhere. Examples are the Ike (Tasco) property, 265 km to the northwest, and Blue River's Mazama property located 106 km to the south in Washington State.

Rock sampling of zones having malachite staining, and chip sampling across shears yielded copper values of up to 2.2% Cu. A total of 21 of 24 samples contained copper values >0.1 % Cu; averaging 0.57 % Cu, 8 ppm Ag and 56 ppm Mo. Mineralization within these samples is predominantly pyrite and chalcopyrite, with secondary malachite.

The copper-bearing shears and fractures are generally widely spaced, hence a lower copper grade, typically in the 0.1% Cu range, has resulted when these rocks have been drilled.

Assuming that the source of the copper mineralization is the Cretaceous Summers Creek pluton, this pluton may present a more favourable exploration target than the Nicola Group country rock. Northeast of the Rats prospect previous exploration (Morton and Hodgson, 1971; Nielsen and Gutrath, 1973) indicated two northwest/southeast orientated ground magnetic-high anomalies, about 1 and 2 km long. The 1 km anomaly appears to overlie the Summers Creek pluton and the 2 km anomaly appears to mainly overlie the western edge of the Osprey Lake batholith. However, the constraints on this lithological contact zone are poor. These surveys may indicate the presence of magnetite that is part of a copper-magnetite mineralizing event. There have been no reports of IP surveys or drilling in this area.

10.0 RECOMMENDATIONS

A re-interpretation of the geology of the Castle Copper Property indicates that the mineral potential of the Property has not been fully evaluated. The known mineralization at the Rats prospect, found within Nicola volcanic rocks, can be interpreted to be in the surrounding country rocks. Mineralization on the Property now appears to be contemporaneous with emplacement of the Summers Creek pluton, which is of larger areal extent than previously interpreted and has not been the target of previous exploration.

It is recommended that an IP survey, in conjunction with a magnetic survey, be conducted over historic ground magnetic anomalies, which, based on recent BCGS mapping, are interpreted to overlie in part the Summers Creek pluton.

Respectfully submitted,

DISCOVERY CONSULTANTS

ORIGINAL SIGNED BY AUTHOR

A. Koffyberg, PGeo

Vernon, BC
January 15, 2015

11.0 REFERENCES

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12.0 STATEMENT OF COSTS

1. Professional Services				
W.R. Gilmour, PGeo				
Program Planning, Supervision, Data Interpretation, Report Editing				
3.00 days @	$750 per day		$2,250.00	
R. Tilsley, PGeol				
Field Program	(October 6 - 9, 2014)			
3.60 days @	$750 per day		2,700.00	
A. Koffyberg, PGeo				
Field Program	(October 6 - 9, 2014)			
3.00 days @	$750 per day		2,250.00	
Data compilation & Report Writing				
57.50 hrs @	$90 per hr		5,175.00	
			----------	$12,375.00
2. Personnel				
Office				
Drafting			1,200.00	
Data Compilation			75.00	
Field Support			100.00	
Secretarial			270.00	
			----------	1,645.00
3. Expenses				
Analysis				
Acme Labs				
Rock samples (15g Aqua Regia Digestion ICP-MS)				
24 sample @	$22.34 per sample	$536.16		
1 sample @	$8.92 per sample	8.92		
Freight		43.09		
		----------	588.05	
Communications			5.00	
Maps & Publications			12.00	
Equipment Rental			50.00	
Field Supplies			22.30	
Lodging & Meals			665.83	
Office			81.82	
Discovery Consultants Management Fee			187.20	
			----------	1,612.20

			Exploration Expenditures:	$15,632.20
4. Transportation				
4x4 trucks	2 days @	$45 per day	90.00	
Mileage	594 km @	50 ¢ per km	297.00	
fuel			208.81	
			----------	595.81

				$16,228.01
5. Corporate Mamangement Fee @ 10%				1,622.80

			Total Exploration Expenditures:	**$17,850.81**

13.0 STATEMENT OF QUALIFICATIONS

I, Agnes Koffyberg, PGeo, of Discovery Consultants, 201-2928 29th Street, Vernon, BC,

DO HEREBY CERTIFY that:

1. I am a geologist in mineral exploration and am employed by Discovery Consultants, Vernon, BC.

2 I graduated with a B.Sc. degree in combined Geological Sciences/Chemistry from Brock University in 1987. In addition, I have obtained a M.Sc. in Geology from the University of Alberta in 1994.

3. I am a member of the Association of Professional Engineers and Geoscientists of BC, registration number 31384, and am a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta, registration number M60148.

4. I have worked as a geologist for a total of 18 years since graduation from university.

5. This report is based upon knowledge of the Property gained from the 2014 field work completed on the Property, and from a review of existing industry and government reports.

Signed and dated this fifteenth day of January, 2015 in Vernon, BC

DISCOVERY CONSULTANTS

ORIGINAL SIGNED BY AUTHOR

Agnes Koffyberg, PGeo

APPENDIX 1

2014 Rock Descriptions

CASTLE COPPER PROPERTY

Appendix 1 - Rock Descriptions

Sample ID	Sample Type	UTM		Lithology	Mineralization	Copper (%)	Notes
		East	North				
937RTR001	outcrop	10 U 684266	5492632	volc	mal, cpy, py	0.42	dark volcanic, mal stained, mod K-altn. Outcrop 6m x 5m in size. Poss v.f.g. cpy and py. Magnetite. Location of BCGS sample 26-9, which ran 0.64% Cu
937RTR002	loose rock at base of outcrop/subcrop	10 U 684134	5492708	volc	mal	0.49	dark volc, mal stained, weak K-altn
937RTR003	outcrop	10 U 684039	5492748	volc	mal	0.53	volcanic, mal staining, limonite staining, manganese growths on fractures. Weakly magnetic
937RTR004	loose rock at base of outcrop	10 U 683756	5492947	fg volc	mal, cpy, py	0.44	black basalt, massive, hornfelsed. Dissem cpy and py (not frac fill), abund mal on weathered surfaces
937RTR005	loose rock at base of outcrop	10 U 683771	5492924	fg volc	mal, cpy, py	0.57	black basalt, massive, hornfelsed. Dissem 2-3% py, poss cpy, abund mal on weathered surfaces
937RTR006	outcrop	10 U 683740	5492912	fg volc	mal, py	0.30	mal as frac fill, v.f.g py, trace mag
937RTR007	outcrop	10 U 683737	5492947	fg volc	mal, cpy	0.40	sample taken at top edge of cliff. Cpy as dissem and as frac fill. Magnetic. Near location of BCGS sample 26-11, which ran 0.49% Cu
937RTR008	loose rock at base of outcrop	10 U 683874	5493057	volc	mal	0.60	composite sample of loose rock. Mal seams and staining. Magnetite seams edged with mal. Epidote altn. Fe oxides on weathered surfaces
937RTR009	loose rock at base of outcrop	10 U 683866	5493038	volc	mal	0.60	composite sample of loose rock. Mal staining. Magnetite seams. Minor epidote altn. Located near BCGS sample 26-6-2, which ran >1.0% Cu
937RTR010	outcrop	10 U 683896	5492980	volc	mal	0.41	volcanic rock with epidote, magnetite and K-altn. Located near DDH11-6 & 7 and near BCGS sample 26-6, which ran 0.10% Cu .
937RTR011	loose rock at base of outcrop	10 U 683976	5492869	volc	mal, py, cpy	0.62	composite sample of loose rock.Seam of magnetite - py- and v.f.g cpy. Mal staining, rusty Fe oxides, caliche. Loc of BCGS sample 26-8, which ran 0.76% Cu
937RTR012	loose rock at base of outcrop	10 U 683976	5492869	volc	mal, py, cpy	0.87	andesitic with plag lathes. Seam of mag + py + cpy. Epidote and K-altn. Mal and Fe oxide staining

Sample ID	Sample Type	UTM		Lithology	Mineralization	Copper (%)	Notes
		East	North				
937RTR013	outcrop	10 U 683944	5492835	volc	mal, py	0.53	andesitic, rusty, v.f.g. py, mal on all weathered surfaces
937RTR014	outcrop	10 U 683944	5492835	shear	mal, py, cpy	2.27	chip sample across 10 cm wide shear zone, pinkshish white grey rock, K-altn, no magnetite, poss spec hematite, trace carb, qtz, 2-3% py and trc cpy with mal staining.
937RTR015	outcrop	10 U 683941	5492822	volc	mal	0.28	andesitic, hard, hornfelsed?, mal staining
937RTR016	loose rock at base of outcrop	10 U 683981	5492834	volc	mal	0.69	andesitic, with plag lathes, Fe oxide staining, abund mal as massive and as frac fill
937RTR017	loose rock at base of outcrop	10 U 683837	5493019	volc	mal, py	0.41	composite from float and from outcrop. Hornfelsed andesite with mag seams, abundant epidote, trace dissem py, mal
937RTR018	outcrop	10 U 683891	5493050	volc in shear zone		0.00	composite sample of outcrop. Andesitic with plag lathes, minor sheeted veins, mag, sample from weakly developed shear zone
937RTR019	outcrop	10 U 683888	5493043	volc		0.00	composite sample of outcrop. Andesitic with plag lathes, epidote, trac K-altn, strongly magnetic
937RTR020	float on talus slope	10 U 683950	5492860	volc	mal, py	0.17	located on steep scree slope. Composite float. Abund mal in hornfelsed andesitic rock. Pervasive magnetite, trace dissem py, abund mal staining
937RTR021	float on talus slope	10 U 683938	5492862	volc	mal, py	0.44	located on steep scree slope. Abund mal in dark volcanic rock. Qtz stringers 3 mm wide with py and poss v.f.g. cpy
937RTR022	float on talus slope	10 U 683837	5492874	volc	mal	0.22	base of long scree slope. Massive (hornfelsed) volcanic rock, rusty with mal staining, epidote, magnetite
937RTR023	outcrop	10 U 683869	5493041	shear	mal	0.68	chip across 20 cm shear. Plag rich andesitic rock, rusty with some mal, epidote, magnetite
937RTR024	outcrop	10 U 683871	5493027	shear		0.05	chip across 50 cm shear. Rusty brown to white, friable clay altered zone. Vertical shearing.

APPENDIX 2

2014 Rock Analyses

Blues River Resources Inc.

Jura (Castle) Copper Project
Project #: 937

Rock Sample (2014) Results

Method ===>		UTM		AQ201	AQ374		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Eastings	Northing	Cu	Cu	Cu	Ag	Au	Mo	Pb	Zn	Cd	Mn	As	Sb	Ni	Co	Fe	Th	Sr	Bi
				PPM	%	%	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM
				0.1	0.001		0.1	0.5	0.1	0.1	1	0.1	1	0.5	0.1	0.1	0.1	0.01	0.1	1	0.1
937RTR001	van14003409	684266	5492632	4201.9		0.42	10.4	59.4	26.1	20.6	109	0.5	794	13.6	0.7	4.7	25.0	4.46	0.7	64	2.3
937RTR002	van14003409	684134	5492708	4949.1		0.49	13.2	39.5	1.7	30.8	109	0.7	1561	25.9	6.1	53.3	20.2	4.41	1.6	83	10.9
937RTR003	van14003409	684039	5492748	5251.7		0.53	5.7	6.9	21.6	9.8	115	0.6	1057	6.3	1.1	67.6	33.7	5.15	1.6	103	1.7
937RTR004	van14003409	683756	5492947	4448.6		0.44	5.2	1.7	128.4	4.5	65	0.5	1485	9.6	0.8	39.8	33.3	5.17	1.2	63	0.3
937RTR005	van14003409	683771	5492924	5742.7		0.57	4.8	2.0	170.6	3.8	40	0.6	1270	11.0	1.1	27.9	23.1	4.76	1.3	66	0.3
937RTR006	van14003409	683740	5492912	2978.2		0.30	5.6	10.2	3.7	8.9	96	0.2	1208	5.5	0.5	9.9	35.4	4.05	0.7	64	0.7
937RTR007	van14003409	683737	5492947	4016.4		0.40	3.8	0.5	16.9	6.5	74	0.6	1849	18.4	1.5	39.7	33.6	6.45	1.6	64	0.3
937RTR008	van14003409	683874	5493057	5961.4		0.60	8.0	2.5	3.0	61.0	101	0.5	1283	12.6	3.0	50.4	17.2	4.46	1.0	157	1.2
937RTR009	van14003409	683866	5493038	6014.2		0.60	8.7	3.9	25.5	19.7	3286	12.5	1893	7.3	1.6	59.4	29.1	9.77	1.3	51	3.8
937RTR010	van14003409	683896	5492980	4073.3		0.41	2.9	2.6	5.0	49.4	1079	4.8	2217	24.0	2.9	63.9	24.6	5.20	1.1	75	1.4
937RTR011	van14003409	683976	5492869	6156.3		0.62	7.6	4.9	66.0	29.5	116	0.4	1192	10.2	1.2	64.0	32.4	5.62	1.5	89	2.4
937RTR012	van14003409	683976	5492869	8689.5		0.87	10.9	0.7	226.2	25.1	120	1.2	1442	4.6	1.6	68.2	33.9	5.33	1.6	108	4.5
937RTR013	van14003409	683944	5492835	5309.4		0.53	7.2	9.5	21.9	25.4	556	3.3	1071	13.8	0.8	64.9	32.0	4.86	1.1	97	1.9
937RTR014	van14003409	683944	5492835	>10000.0	2.27	2.27	38.0	32.8	135.6	1666.8	3512	84.8	800	8.0	4.0	23.0	10.8	3.48	0.7	46	24.2
937RTR015	van14003409	683941	5492822	2811.0		0.28	2.2	2.3	109.7	17.5	80	0.5	656	10.2	1.1	58.6	20.6	3.53	1.2	239	0.6
937RTR016	van14003409	683981	5492834	6902.6		0.69	11.6	0.8	74.9	15.4	79	0.4	1062	8.1	1.3	49.0	24.2	5.21	1.4	158	4.9
937RTR017	van14003409	683837	5493019	4129.4		0.41	2.6	0.5	3.9	24.9	331	3.6	1499	10.9	1.8	41.8	19.6	3.76	1.2	95	1.7
937RTR018	van14003409	683891	5493050	47.1		0.00	<0.1	2.0	0.6	3.1	70	<0.1	657	4.7	0.4	2.0	12.4	4.03	0.8	221	<0.1
937RTR019	van14003409	683888	5493043	43.0		0.00	<0.1	1.5	1.3	3.0	72	0.2	954	9.0	0.7	24.4	20.6	5.50	1.6	96	<0.1
937RTR020	van14003409	683950	5492860	1683.0		0.17	2.2	1.2	30.7	4.0	80	<0.1	808	13.4	0.7	62.9	26.2	4.48	1.4	135	0.7
937RTR021	van14003409	683938	5492862	4364.2		0.44	3.8	2.3	65.6	8.4	76	0.3	886	8.8	1.9	62.3	33.5	4.97	1.3	108	0.7
937RTR022	van14003409	683837	5492874	2194.0		0.22	2.8	2.2	15.4	6.8	132	0.1	1016	7.7	1.3	6.3	22.0	3.85	0.9	142	0.2
937RTR023	van14003409	683869	5493041	6846.8		0.68	6.5	9.2	22.8	30.2	>10000	423.7	2088	3.9	1.7	48.6	29.2	15.26	0.9	32	11.7
937RTR024	van14003409	683871	5493027	452.6		0.05	28.9	3636.9	84.1	260.0	246	2.1	312	24.1	36.6	5.4	3.4	3.37	1.2	62	13.1
	Pulp Duplicates:																				
937RTR002	van14003409			4949.1			13.2	39.5	1.7	30.8	109	0.7	1561	25.9	6.1	53.3	20.2	4.41	1.6	83	10.9
937RTR002	van14003409			4914.0			12.8	38.4	2.0	29.2	100	0.9	1538	24.4	5.6	54.7	20.7	4.34	1.4	84	10.9
937RTR014	van14003409				2.27																
937RTR014	van14003409				2.24																
	Preparation Duplicates:																				
937RTR004	van14003409			4448.6			5.2	1.7	128.4	4.5	65	0.5	1485	9.6	0.8	39.8	33.3	5.17	1.2	63	0.3
937RTR004	van14003409			4403.6			4.9	0.8	123.1	4.1	63	0.5	1479	9.7	0.9	40.3	32.1	5.17	1.3	65	0.3

Method =	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Wgt
	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	KG
	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.01
937RTR001	107	0.94	0.152	8	5	1.20	31	0.065	4	1.13	0.040	0.09	0.8	0.02	5.2	<0.1	<0.05	7	1.0	0.8	1.07
937RTR002	176	2.27	0.228	10	140	1.64	59	0.093	5	1.49	0.021	0.20	1.6	0.21	8.1	<0.1	0.09	8	2.4	2.7	1.29
937RTR003	206	1.43	0.216	11	132	2.62	131	0.148	<1	2.01	0.026	1.14	0.5	0.05	7.0	0.5	0.05	8	3.7	0.3	0.96
937RTR004	158	1.34	0.216	9	63	1.73	38	0.079	3	1.57	0.013	0.26	1.1	0.03	5.5	<0.1	0.13	9	4.3	<0.2	1.09
937RTR005	142	1.50	0.213	9	53	1.10	34	0.063	3	1.07	0.014	0.17	1.6	0.02	5.2	<0.1	0.09	6	4.6	<0.2	1.74
937RTR006	183	0.77	0.147	5	4	2.63	173	0.175	4	2.41	0.044	1.56	0.5	0.02	7.5	0.5	0.13	10	1.5	0.3	1.35
937RTR007	204	2.00	0.225	12	66	1.68	42	0.073	4	1.54	<0.001	0.14	2.9	0.04	11.1	<0.1	0.07	10	2.2	<0.2	1.44
937RTR008	131	2.54	0.201	7	90	1.51	39	0.096	4	1.37	0.014	0.30	1.0	<0.01	4.1	<0.1	<0.05	6	2.9	0.2	0.97
937RTR009	197	0.89	0.194	9	93	2.08	29	0.080	3	1.69	0.005	0.13	1.1	0.84	6.2	<0.1	0.08	9	6.9	0.9	0.91
937RTR010	163	2.61	0.226	8	124	1.93	24	0.085	4	1.63	0.027	0.39	2.6	0.03	5.7	0.2	<0.05	9	3.5	<0.2	1.11
937RTR011	187	1.27	0.205	10	140	2.76	36	0.101	5	2.11	0.013	1.01	1.1	0.05	5.2	0.7	0.10	9	3.3	0.2	1.41
937RTR012	199	1.73	0.218	13	135	2.48	45	0.141	6	2.12	0.016	1.28	1.1	0.09	7.7	0.6	0.29	9	7.6	1.0	1.15
937RTR013	165	1.32	0.202	7	140	2.28	46	0.097	4	1.89	0.020	1.10	0.6	0.13	5.9	0.3	<0.05	8	3.1	0.7	1.02
937RTR014	81	2.10	0.116	3	50	0.55	7	0.033	2	0.56	0.058	0.05	0.8	2.84	2.7	<0.1	0.80	3	44.2	1.8	1.50
937RTR015	133	1.58	0.212	8	108	1.84	32	0.107	8	1.55	0.036	0.62	0.7	0.03	3.7	0.2	<0.05	6	1.5	0.7	0.91
937RTR016	195	1.84	0.195	9	115	1.45	28	0.107	4	1.44	0.019	0.65	1.3	0.03	5.7	0.2	<0.05	8	4.1	1.0	1.42
937RTR017	122	1.59	0.225	9	75	1.66	80	0.065	4	1.38	0.015	0.26	0.9	0.06	4.0	<0.1	0.12	7	2.6	0.3	0.97
937RTR018	101	1.71	0.105	6	3	0.64	190	0.090	<1	2.63	0.087	0.12	<0.1	<0.01	5.9	<0.1	<0.05	8	<0.5	<0.2	1.18
937RTR019	122	1.96	0.119	14	40	1.46	65	0.171	2	2.02	0.097	0.07	<0.1	<0.01	8.1	<0.1	<0.05	9	<0.5	<0.2	0.94
937RTR020	168	1.35	0.212	8	127	2.28	43	0.124	2	1.87	0.018	1.01	1.1	<0.01	4.4	0.3	<0.05	8	0.7	<0.2	1.51
937RTR021	182	1.53	0.210	8	131	2.44	53	0.174	1	1.97	0.029	1.56	1.6	0.01	4.8	0.6	0.11	8	5.2	0.2	1.24
937RTR022	120	1.21	0.163	8	5	1.41	33	0.079	5	1.63	0.029	0.23	0.6	0.06	4.4	<0.1	<0.05	7	1.0	<0.2	1.62
937RTR023	102	0.53	0.140	5	87	2.13	7	0.049	2	1.88	0.036	0.02	1.5	3.95	3.2	<0.1	<0.05	8	11.6	3.0	1.47
937RTR024	44	0.09	0.080	7	22	0.20	94	0.002	2	0.42	0.009	0.46	0.2	0.55	3.6	0.3	0.65	3	7.1	41.4	1.08
937RTR002	176	2.27	0.228	10	140	1.64	59	0.093	5	1.49	0.021	0.20	1.6	0.21	8.1	<0.1	0.09	8	2.4	2.7	1.29
937RTR002	170	2.24	0.218	10	132	1.61	49	0.085	5	1.46	0.020	0.19	1.5	0.20	7.3	<0.1	0.09	7	2.4	2.2	
937RTR014																					
937RTR014																					
937RTR004	158	1.34	0.216	9	63	1.73	38	0.079	3	1.57	0.013	0.26	1.1	0.03	5.5	<0.1	0.13	9	4.3	<0.2	1.09
937RTR004	158	1.35	0.220	9	63	1.72	34	0.088	4	1.56	0.012	0.26	1.3	0.05	5.7	<0.1	0.13	9	5.6	<0.2	

Method ===>			AQ201	AQ374		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	UTM		Cu	Cu	Cu	Ag	Au	Mo	Pb	Zn	Cd	Mn	As	Sb	Ni	Co	Fe	Th	Sr	Bi
	Eastings	Northing	PPM	%	%	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM
			0.1	0.001		0.1	0.5	0.1	0.1	1	0.1	1	0.5	0.1	0.1	0.1	0.01	0.1	1	0.1
	Lab Standards:																			
DS10	van14003409		148.7			1.8	64.5	13.8	145.9	347	2.6	873	42.8	9.2	72.1	11.9	2.71	7.0	62	10.6
OXC109	van14003409		34.5			<0.1	161.1	1.4	10.4	39	<0.1	404	0.7	<0.1	69.9	17.9	2.84	1.3	134	<0.1
GC-7	van14003409			0.565																
OREAS133B	van14003409			0.032																
	Analytical Blank:																			
BLK	van14003409		<0.1			<0.1	<0.5	<0.1	<0.1	<1	<0.1	<1	<0.5	<0.1	<0.1	<0.1	<0.01	<0.1	<1	<0.1
BLK	van14003409			0.001																
	Blanks:																			
ROCK-VAN	van14003409		4.0			<0.1	2.0	0.7	19.9	37	0.1	446	0.6	<0.1	1.2	3.5	1.79	2.0	26	<0.1
ROCK-VAN	van14003409		3.0			<0.1	<0.5	0.9	5.0	40	<0.1	449	<0.5	<0.1	0.9	3.6	1.77	1.8	23	<0.1

A. Koffyberg
Discovery Consultants
January 15, 2015

Method =	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
	V	**Ca**	**P**	**La**	**Cr**	**Mg**	**Ba**	**Ti**	**B**	**Al**	**Na**	**K**	**W**	**Hg**	**Sc**	**Tl**	**S**	**Ga**	**Se**	**Te**	**Wgt**
	PPM	**%**	**%**	**PPM**	**PPM**	**%**	**PPM**	**%**	**PPM**	**%**	**%**	**%**	**PPM**	**PPM**	**PPM**	**PPM**	**%**	**PPM**	**PPM**	**PPM**	**KG**
	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.01
DS10	42	1.05	0.069	17	53	0.76	324	0.075	4	1.02	0.066	0.34	3.1	0.27	2.7	4.8	0.28	4	2.4	4.7	
OXC109	46	0.66	0.095	12	57	1.42	55	0.367	2	1.47	0.677	0.41	0.2	<0.01	1.4	<0.1	<0.05	5	<0.5	<0.2	
GC-7																					
OREAS133B																					
BLK	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK																					
ROCK-VAN	22	0.58	0.036	6	4	0.43	88	0.062	5	0.89	0.086	0.09	<0.1	<0.01	2.4	<0.1	<0.05	3	<0.5	<0.2	
ROCK-VAN	21	0.55	0.037	5	4	0.43	65	0.059	4	0.85	0.066	0.07	<0.1	<0.01	2.4	<0.1	<0.05	3	<0.5	<0.2	

APPENDIX 3

Certificate of Analytical Results

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

www.acmelab.com

Client: **Discovery Consultants**
P.O. Box 933
Vernon BC V1T 6M8 Canada

Submitted By: Bill Gilmour
Receiving Lab: Canada-Vancouver
Received: October 14, 2014
Report Date: November 20, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN14003409.2

CLIENT JOB INFORMATION

Project: 937
Shipment ID:
P.O. Number
Number of Samples: 24

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

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	24	Crush, split and pulverize 250 g rock to 200 mesh			VAN
AQ201	24	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DRPLP	24	Warehouse handling / disposition of pulps			VAN
DRRJT	24	Warehouse handling / Disposition of reject			VAN
AQ374-X	1	1:1:1 Aqua Regia digestion ICP-ES analysis	0.4	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : AQ374-Cu included.

Invoice To: Discovery Consultants
P.O. Box 933
Vernon BC V1T 6M8
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

AcmeLabs™
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www.acmelab.com

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

Client: **Discovery Consultants**
P.O. Box 933
Vernon BC V1T 6M8 Canada

Project: 937
Report Date: November 20, 2014

CERTIFICATE OF ANALYSIS VAN14003409.2

	Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
937RTR001	Rock	1.07	26.1	4201.9	20.6	109	10.4	4.7	25.0	794	4.46	13.6	59.4	0.7	64	0.5	0.7	2.3	107	0.94	0.152
937RTR002	Rock	1.29	1.7	4949.1	30.8	109	13.2	53.3	20.2	1561	4.41	25.9	39.5	1.6	83	0.7	6.1	10.9	176	2.27	0.228
937RTR003	Rock	0.96	21.6	5251.7	9.8	115	5.7	67.6	33.7	1057	5.15	6.3	6.9	1.6	103	0.6	1.1	1.7	206	1.43	0.216
937RTR004	Rock	1.09	128.4	4448.6	4.5	65	5.2	39.8	33.3	1485	5.17	9.6	1.7	1.2	63	0.5	0.8	0.3	158	1.34	0.216
937RTR005	Rock	1.74	170.6	5742.7	3.8	40	4.8	27.9	23.1	1270	4.76	11.0	2.0	1.3	66	0.6	1.1	0.3	142	1.50	0.213
937RTR006	Rock	1.35	3.7	2978.2	8.9	96	5.6	9.9	35.4	1208	4.05	5.5	10.2	0.7	64	0.2	0.5	0.7	183	0.77	0.147
937RTR007	Rock	1.44	16.9	4016.4	6.5	74	3.8	39.7	33.6	1849	6.45	18.4	0.5	1.6	64	0.6	1.5	0.3	204	2.00	0.225
937RTR008	Rock	0.97	3.0	5961.4	61.0	101	8.0	50.4	17.2	1283	4.46	12.6	2.5	1.0	157	0.5	3.0	1.2	131	2.54	0.201
937RTR009	Rock	0.91	25.5	6014.2	19.7	3286	8.7	59.4	29.1	1893	9.77	7.3	3.9	1.3	51	12.5	1.6	3.8	197	0.89	0.194
937RTR010	Rock	1.11	5.0	4073.3	49.4	1079	2.9	63.9	24.6	2217	5.20	24.0	2.6	1.1	75	4.8	2.9	1.4	163	2.61	0.226
937RTR011	Rock	1.41	66.0	6156.3	29.5	116	7.6	64.0	32.4	1192	5.62	10.2	4.9	1.5	89	0.4	1.2	2.4	187	1.27	0.205
937RTR012	Rock	1.15	226.2	8689.5	25.1	120	10.9	68.2	33.9	1442	5.33	4.6	0.7	1.6	108	1.2	1.6	4.5	199	1.73	0.218
937RTR013	Rock	1.02	21.9	5309.4	25.4	556	7.2	64.9	32.0	1071	4.86	13.8	9.5	1.1	97	3.3	0.8	1.9	165	1.32	0.202
937RTR014	Rock	1.50	135.6	>10000	1666.8	3512	38.0	23.0	10.8	800	3.48	8.0	32.8	0.7	46	84.8	4.0	24.2	81	2.10	0.116
937RTR015	Rock	0.91	109.7	2811.0	17.5	80	2.2	58.6	20.6	656	3.53	10.2	2.3	1.2	239	0.5	1.1	0.6	133	1.58	0.212
937RTR016	Rock	1.42	74.9	6902.6	15.4	79	11.6	49.0	24.2	1062	5.21	8.1	0.8	1.4	158	0.4	1.3	4.9	195	1.84	0.195
937RTR017	Rock	0.97	3.9	4129.4	24.9	331	2.6	41.8	19.6	1499	3.76	10.9	0.5	1.2	95	3.6	1.8	1.7	122	1.59	0.225
937RTR018	Rock	1.18	0.6	47.1	3.1	70	<0.1	2.0	12.4	657	4.03	4.7	2.0	0.8	221	<0.1	0.4	<0.1	101	1.71	0.105
937RTR019	Rock	0.94	1.3	43.0	3.0	72	<0.1	24.4	20.6	954	5.50	9.0	1.5	1.6	96	0.2	0.7	<0.1	122	1.96	0.119
937RTR020	Rock	1.51	30.7	1683.0	4.0	80	2.2	62.9	26.2	808	4.48	13.4	1.2	1.4	135	<0.1	0.7	0.7	168	1.35	0.212
937RTR021	Rock	1.24	65.6	4364.2	8.4	76	3.8	62.3	33.5	886	4.97	8.8	2.3	1.3	108	0.3	1.9	0.7	182	1.53	0.210
937RTR022	Rock	1.62	15.4	2194.0	6.8	132	2.8	6.3	22.0	1016	3.85	7.7	2.2	0.9	142	0.1	1.3	0.2	120	1.21	0.163
937RTR023	Rock	1.47	22.8	6846.8	30.2	>10000	6.5	48.6	29.2	2088	15.26	3.9	9.2	0.9	32	423.7	1.7	11.7	102	0.53	0.140
937RTR024	Rock	1.08	84.1	452.6	260.0	246	28.9	5.4	3.4	312	3.37	24.1	3636.9	1.2	62	2.1	36.6	13.1	44	0.09	0.080

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Client: **Discovery Consultants**
P.O. Box 933
Vernon BC V1T 6M8 Canada

Project: 937
Report Date: November 20, 2014

CERTIFICATE OF ANALYSIS VAN14003409.2

		Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ374
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
937RTR001	Rock		8	5	1.20	31	0.065	4	1.13	0.040	0.09	0.8	0.02	5.2	<0.1	<0.05	7	1.0	0.8	
937RTR002	Rock		10	140	1.64	59	0.093	5	1.49	0.021	0.20	1.6	0.21	8.1	<0.1	0.09	8	2.4	2.7	
937RTR003	Rock		11	132	2.62	131	0.148	<1	2.01	0.026	1.14	0.5	0.05	7.0	0.5	0.05	8	3.7	0.3	
937RTR004	Rock		9	63	1.73	38	0.079	3	1.57	0.013	0.26	1.1	0.03	5.5	<0.1	0.13	9	4.3	<0.2	
937RTR005	Rock		9	53	1.10	34	0.063	3	1.07	0.014	0.17	1.6	0.02	5.2	<0.1	0.09	6	4.6	<0.2	
937RTR006	Rock		5	4	2.63	173	0.175	4	2.41	0.044	1.56	0.5	0.02	7.5	0.5	0.13	10	1.5	0.3	
937RTR007	Rock		12	66	1.68	42	0.073	4	1.54	<0.001	0.14	2.9	0.04	11.1	<0.1	0.07	10	2.2	<0.2	
937RTR008	Rock		7	90	1.51	39	0.096	4	1.37	0.014	0.30	1.0	<0.01	4.1	<0.1	<0.05	6	2.9	0.2	
937RTR009	Rock		9	93	2.08	29	0.080	3	1.69	0.005	0.13	1.1	0.84	6.2	<0.1	0.08	9	6.9	0.9	
937RTR010	Rock		8	124	1.93	24	0.085	4	1.63	0.027	0.39	2.6	0.03	5.7	0.2	<0.05	9	3.5	<0.2	
937RTR011	Rock		10	140	2.76	36	0.101	5	2.11	0.013	1.01	1.1	0.05	5.2	0.7	0.10	9	3.3	0.2	
937RTR012	Rock		13	135	2.48	45	0.141	6	2.12	0.016	1.28	1.1	0.09	7.7	0.6	0.29	9	7.6	1.0	
937RTR013	Rock		7	140	2.28	46	0.097	4	1.89	0.020	1.10	0.6	0.13	5.9	0.3	<0.05	8	3.1	0.7	
937RTR014	Rock		3	50	0.55	7	0.033	2	0.56	0.058	0.05	0.8	2.84	2.7	<0.1	0.80	3	44.2	1.8	2.270
937RTR015	Rock		8	108	1.84	32	0.107	8	1.55	0.036	0.62	0.7	0.03	3.7	0.2	<0.05	6	1.5	0.7	
937RTR016	Rock		9	115	1.45	28	0.107	4	1.44	0.019	0.65	1.3	0.03	5.7	0.2	<0.05	8	4.1	1.0	
937RTR017	Rock		9	75	1.66	80	0.065	4	1.38	0.015	0.26	0.9	0.06	4.0	<0.1	0.12	7	2.6	0.3	
937RTR018	Rock		6	3	0.64	190	0.090	<1	2.63	0.087	0.12	<0.1	<0.01	5.9	<0.1	<0.05	8	<0.5	<0.2	
937RTR019	Rock		14	40	1.46	65	0.171	2	2.02	0.097	0.07	<0.1	<0.01	8.1	<0.1	<0.05	9	<0.5	<0.2	
937RTR020	Rock		8	127	2.28	43	0.124	2	1.87	0.018	1.01	1.1	<0.01	4.4	0.3	<0.05	8	0.7	<0.2	
937RTR021	Rock		8	131	2.44	53	0.174	1	1.97	0.029	1.56	1.6	0.01	4.8	0.6	0.11	8	5.2	0.2	
937RTR022	Rock		8	5	1.41	33	0.079	5	1.63	0.029	0.23	0.6	0.06	4.4	<0.1	<0.05	7	1.0	<0.2	
937RTR023	Rock		5	87	2.13	7	0.049	2	1.88	0.036	0.02	1.5	3.95	3.2	<0.1	<0.05	8	11.6	3.0	
937RTR024	Rock		7	22	0.20	94	0.002	2	0.42	0.009	0.46	0.2	0.55	3.6	0.3	0.65	3	7.1	41.4	

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Project: 937
Report Date: November 20, 2014

QUALITY CONTROL REPORT VAN14003409.2

		Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
Pulp Duplicates																						
937RTR002	Rock		1.29	1.7	4949.1	30.8	109	13.2	53.3	20.2	1561	4.41	25.9	39.5	1.6	83	0.7	6.1	10.9	176	2.27	0.228
REP 937RTR002	QC			2.0	4914.0	29.2	100	12.8	54.7	20.7	1538	4.34	24.4	38.4	1.4	84	0.9	5.6	10.9	170	2.24	0.218
937RTR014	Rock		1.50	135.6	>10000	1666.8	3512	38.0	23.0	10.8	800	3.48	8.0	32.8	0.7	46	84.8	4.0	24.2	81	2.10	0.116
REP 937RTR014	QC																					
Core Reject Duplicates																						
937RTR004	Rock		1.09	128.4	4448.6	4.5	65	5.2	39.8	33.3	1485	5.17	9.6	1.7	1.2	63	0.5	0.8	0.3	158	1.34	0.216
DUP 937RTR004	QC			123.1	4403.6	4.1	63	4.9	40.3	32.1	1479	5.17	9.7	0.8	1.3	65	0.5	0.9	0.3	158	1.35	0.220
Reference Materials																						
STD DS10	Standard			13.8	148.7	145.9	347	1.8	72.1	11.9	873	2.71	42.8	64.5	7.0	62	2.6	9.2	10.6	42	1.05	0.069
STD GC-7	Standard																					
STD OREAS133B	Standard																					
STD OXC109	Standard			1.4	34.5	10.4	39	<0.1	69.9	17.9	404	2.84	0.7	161.1	1.3	134	<0.1	<0.1	<0.1	46	0.66	0.095
STD DS10 Expected				14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OXC109 Expected														201								
STD GC-7 Expected																						
STD OREAS133B Expected																						
BLK	Blank			<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
BLK	Blank																					
Prep Wash																						
ROCK-VAN	Prep Blank			0.7	4.0	19.9	37	<0.1	1.2	3.5	446	1.79	0.6	2.0	2.0	26	0.1	<0.1	<0.1	22	0.58	0.036
ROCK-VAN	Prep Blank			0.9	3.0	5.0	40	<0.1	0.9	3.6	449	1.77	<0.5	<0.5	1.8	23	<0.1	<0.1	<0.1	21	0.55	0.037

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QUALITY CONTROL REPORT VAN14003409.2

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ374
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
Pulp Duplicates																			
937RTR002	Rock	10	140	1.64	59	0.093	5	1.49	0.021	0.20	1.6	0.21	8.1	<0.1	0.09	8	2.4	2.7	
REP 937RTR002	QC	10	132	1.61	49	0.085	5	1.46	0.020	0.19	1.5	0.20	7.3	<0.1	0.09	7	2.4	2.2	
937RTR014	Rock	3	50	0.55	7	0.033	2	0.56	0.058	0.05	0.8	2.84	2.7	<0.1	0.80	3	44.2	1.8	2.270
REP 937RTR014	QC																		2.238
Core Reject Duplicates																			
937RTR004	Rock	9	63	1.73	38	0.079	3	1.57	0.013	0.26	1.1	0.03	5.5	<0.1	0.13	9	4.3	<0.2	
DUP 937RTR004	QC	9	63	1.72	34	0.088	4	1.56	0.012	0.26	1.3	0.05	5.7	<0.1	0.13	9	5.6	<0.2	
Reference Materials																			
STD DS10	Standard	17	53	0.76	324	0.075	4	1.02	0.066	0.34	3.1	0.27	2.7	4.8	0.28	4	2.4	4.7	
STD GC-7	Standard																		0.565
STD OREAS133B	Standard																		0.032
STD OXC109	Standard	12	57	1.42	55	0.367	2	1.47	0.677	0.41	0.2	<0.01	1.4	<0.1	<0.05	5	<0.5	<0.2	
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01	
STD OXC109 Expected																			
STD GC-7 Expected																			0.555
STD OREAS133B Expected																			0.032
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																		0.001
Prep Wash																			
ROCK-VAN	Prep Blank	6	4	0.43	88	0.062	5	0.89	0.086	0.09	<0.1	<0.01	2.4	<0.1	<0.05	3	<0.5	<0.2	
ROCK-VAN	Prep Blank	5	4	0.43	65	0.059	4	0.85	0.066	0.07	<0.1	<0.01	2.4	<0.1	<0.05	3	<0.5	<0.2	