

**ASSESSMENT REPORT
2011 TRENCHING PROGRAM
CARIBOO AND SILVER KING PROPERTIES**

**NELSON MINING DIVISION
British Columbia, Canada**

**BC Geological Survey
Assessment Report
32818**

**NAD 83 UTM 11 479011E 5473849N
MAPSHEET 082F/6**

**For
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1.0 SUMMARY

In July 2007, Excalibur Resources Ltd. (“Excalibur”) entered into an option agreement with Arbutus Resources Ltd. to acquire 100% interest in the Silver King Property. The Silver King Property consists of 24 Crown Grants and 8 mineral claims. In December 2007, Excalibur entered into an option agreement with Mr. Tom Cherry for an additional 5 mineral claims, three of which are located adjacent to the original Silver King Property, and include the Cariboo property. Excalibur has the right to acquire 100% interest in the Cherry option.

The claims are located 7 kilometers southeast of the town of Nelson in southeastern British Columbia, and cover an area with a long history of copper and silver production. Regionally, the Silver King and Cariboo properties lie within the intensely deformed crest of the Hall Creek syncline, and the Silver King shear zone. The Silver King Property lies predominantly within lower Jurassic upper Elise Formation (Rosslund Group) mafic to intermediate volcanic and volcanoclastic rocks, and hosts the historic Silver King Mine. The Cariboo property lies adjacent to, and to the southeast of the Silver King Property, along strike of the main Silver King shear zone. The Cariboo consists of mainly Lower Jurassic Hall Formation (Rosslund Group) metasediments and Jurassic Silver King Porphyritic intrusions.

Mineralization on these properties is related to structure-controlled polymetallic veining within the Silver King Shear zone. Historic workings on the Silver King Property area include the past-producing Silver King Mine, consisting of several workings along polymetallic (silver-copper-lead-zinc-gold) vein structures, with the Grizzly adit being the easternmost working on the Silver King claims. Directly adjacent to the Silver King property is the Cariboo property, where the historic Cariboo adit targeted a gold-silver-copper bearing quartz vein. These two claims are both located along regional Silver King shear zone structures, but differ in both their dominant mineralization and host rock lithologies, and their relationship is not well understood.

In the past, work has been dominantly conducted at the Silver King claims, focused on the areas adjacent to the historic Silver King Mine. Limited trenching and sampling have occurred at the Cariboo showings, focused mainly on the Cariboo quartz vein near the historic adit. Limited geophysical and soil geochemical surveying that was conducted by Sultan Minerals Inc. in 2000 also overlapped onto the Cariboo claims. At the Cariboo showing, gold and silver values, including 24.86 g/t Au and 53.6 g/t Ag over 1.0 meter (Dandy, 2003) were returned during trenching. In 2001, Sultan Minerals diamond drilled one (1) hole at Cariboo and intersected 2.14 meters grading 2.57 g/t Au, 23.9 g/t Ag, with elevated Pb and Zn; plus a second 2.0 meter interval grading 0.24% Cu (Dandy, 2001).

In 2011, the author of this report was retained by Excalibur Resources Ltd. (“Excalibur”), of Toronto, Ontario, Canada to conduct exploration work on the Silver King and Cariboo properties, but focused on the area between the historic workings of the Grizzly adit and the Cariboo adit. The purpose of the program was to further sample the Cariboo workings, to determine the relationship between the Grizzly and Cariboo showings, and potentially better understand their relationship to the Silver King mine structures. The work was conducted in October 2011, and consisted of excavator trenching, mapping, and sampling. Eight (8) trenches were excavated, totaling approximately 123 meters in length, and these were sampled in their entirety at 1 meter true thickness intervals. Additional sampling was conducted in outcrop at surface exposures, and also from zones of interest. A total of 173 rock samples, including chip/channel and grab samples, were collected and sent to Acme Analytical Laboratories Ltd. in

Vancouver, BC. Fifteen (15) external QAQC samples consisting of a precious metal standard and blanks were also included in the sample analysis for quality control purposes.

The trenching program encountered gold, silver, copper, lead, and zinc mineralization related to the Cariboo quartz veining, and included gold grades that were higher than those found at the Grizzly adit, and historically from the polymetallic vein systems at the Silver King mine area. Gold grades appeared to be relatively consistent over a ~200 meter strike length along the main Cariboo quartz vein, with other mineralization in silicification and quartz-stockworking, and as disseminations in the altered metasediments of the Hall formation. Mineralization was also noted at the contact with the Silver King Porphyry, and related to shear zones.

Results from the program included:

TRENCH	Interval (m)	GOLD (g/t)	SILVER (g/t)
Trench 1	3.2	2.7	5.9
<i>including</i>	2.0	3.70	9.5
Trench 5	3.0	0.47	2.7
Trench 6	5.0	2.58	52.0
<i>including</i>	1.0	3.60	62.0
Trench 8	4.0	3.90	45.8
<i>including</i>	3.0	5.09	60.0
<i>including</i>	1.0	6.48	74.0
CB11-C025 - C027	1.7	3.03	29.0
<i>including</i>	0.6	6.12	53.0
CB11-C030 - C032	2.7	3.69	25.0
<i>including</i>	2.0	5.19	35.5

Trenching near the Grizzly Adit revealed a 0.5-5m wide polymetallic vein structure with low-grade silver, copper, lead, and zinc mineralization, however this shear seems to either pinch out along strike or was simply not located by trenching. The relationship of the Cariboo showings to the mineralization and structures of the Grizzly Adit, and the mineralized vein structures at the historic Silver King mine still remain unresolved. Drilling along these structures may reveal the nature and relationships of these structures and mineralization at depth.

2.0 INTRODUCTION

The Silver King and Cariboo properties are located seven (7) kilometers southwest of Nelson in southeastern British Columbia. Excalibur Resources Ltd. (“Excalibur”) entered into option agreements with Arbutus Resources for the Silver King property in July 2007, and in December 2007, with Tom E. Cherry for the Cariboo Group claims. The Silver King Property consists of twenty-four (24) Crown Grants and eight (8) mineral claims that cover the area of the historic and past-producing Silver King Mine. The Cariboo Group consists of five (5) mineral claims. Three (3) of these are located adjacent to the original Silver King Property, and include the Cariboo property and historic Cariboo adit. Both option agreements included a right to earn 100%.

The Silver King and Cariboo claims are located within the Hall Creek Syncline, along structures associated with hydrothermal mineralization of the Silver King shear zone, and contain gold and polymetallic vein prospects. The host lithologies consist of rocks from the Lower Jurassic Elise and Hall formations, with Jurassic Silver King intrusives.

The Silver King Property hosts the historic Silver King Mine which was in continuous production from 1889 to 1913, then intermittently up to 1958. Mining of 202,049 tonnes of ore returned 138,214,612 grams silver, 8,896 grams gold, 6,789,739 kilograms copper, 15,234 kilograms lead and 4,071 kilograms zinc. This correlates to an average grade of 684 g/t silver and 3.36% copper (Dandy, 2011).

Excalibur conducted work on the Silver King claims in 2007 and 2008, consisting of surface mapping, sampling, and surveying on the Silver King property and at the Grizzly adit. In 2009, Excalibur followed up on this work with a 25 hole (2121.44 meter) diamond drill program in order to determine the nature of mineralization on the property, the nature and orientation of mineralized structures, and to begin testing for extension of the mineralization at depth. Drilling intersected significant Ag+Cu±Pb±Zn±Au mineralization in silicified (quartz-chert) breccias within large halos of carbonate altered volcanic rocks (Mumin, 2009).

The Cariboo property contains brecciated quartz veining within a hydrothermally altered shear zone. Previous historic work on the Cariboo claims has included minor sampling, trenching, and drilling. In 2000, Sultan Minerals conducted geophysical and soil geochemical surveying to the north and east of the property over the Gold Mountain Zone, with surveying that overlapped onto the Cariboo claims. This work was followed up in 2001, and the program that was focused on the Gold Mountain zone also included one diamond drill hole on the Cariboo property to target the mineralization within the Cariboo quartz veining. The hole was drilled to a length of 122.5 meters and intersected 2.14 meters grading 2.57 g/t Au, 23.9 g/t Ag along with elevated Pb and Zn; plus a second 2.0 meter interval grading 0.24% Cu (Dandy, 2001). In addition, limited trenching included three (3) trenches at the Cariboo showing, with gold and silver values including 24.86 g/t Au and 53.6 g/t Ag over 1.0 meter (Dandy, 2003).

In 2011, Excalibur conducted an exploration program that was focused on the area between the Grizzly adit, which is the easternmost extension of the known historic Silver King mineralization, and the Cariboo showing. The purpose of the program was to determine the nature and extent of mineralization at the Cariboo showing, and the relationship of the Cariboo to the Silver King mineralized structures (including the Grizzly adit) and Silver King shear zone. The work was conducted in October 2011, and consisted of excavator trenching, mapping, and sampling. All trenching occurred between the Grizzly and Cariboo

adits, in an attempt to determine the nature of any mineralization along a 1 kilometer strike-length between the two zones. In total, eight (8) trenches were excavated and sampled in their entirety at 1 meter true thickness intervals, with additional sampling at surface exposures and zones of interest. A total of 173 rock samples were collected and sent to Acme Laboratories Ltd in Vancouver, BC for ICP-MS and Au-Ag Fire Assay analysis. Fifteen (15) external QAQC samples consisting of precious metal standards and blanks were also included in the sample analysis for quality control purposes.

The trenching and mapping program conducted in the fall of 2011 is the subject of this report.

3.0 LOCATION AND ACCESS

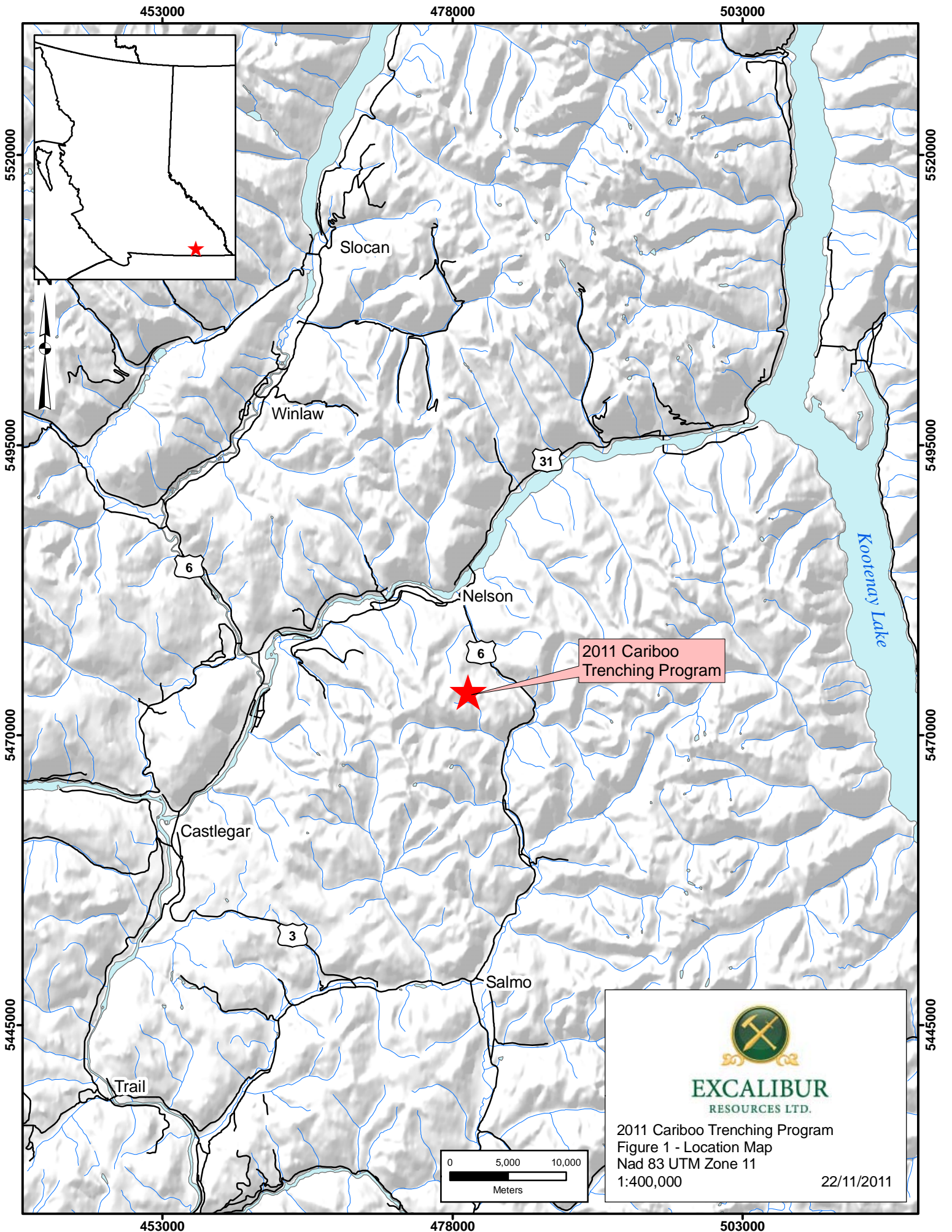
The Cariboo Property is located in the Nelson Mining Division of south-central British Columbia, approximately seven kilometers southeast of Nelson, BC (Figure 1). The Cariboo showing is located on the eastern slope of Toad Mountain, directly adjacent to the Silver King Property. The focus of the 2011 exploration program is a structure along strike between the Grizzly adit and the Cariboo adit, with the center of work is located approximately at UTM (zone 11) 479011E 5473849N, within NTS map sheet 82F/6.

Access to the property is off Highway 6 south of Nelson, BC via Giveout Creek Forest Service Road. Giveout Creek FSR is a well maintained, year-round logging road. At approximately 1.5km on the Giveout Creek FSR, turn uphill/west onto Gold Creek FSR. At approximately kilometer 5 on Gold Creek FSR, the unmaintained Silver King Mine Road branches off uphill, and to the west. After travelling approximately 2km on the Silver King Mine Road, another un-maintained road branches uphill/west through a cutblock, and continues towards the Cariboo property. Roads are maintained intermittently by local forest contractors, as well as by local snowmobile club who maintain access to a cabin located in the area.

Environment Canada statistics for the area state average January temperatures of approximately -3°C near Castlegar in the valley below (at an elevation of ~433 meters), with annual temperatures ranging from below -20°C in winter, to summertime temperatures up to 28°C in July. Average annual precipitation is approximately 755 millimeters, with 560 millimeters falling as rain, and 211 millimeters as snow. The property itself is located at elevations ranging between 1600 and 1900 meters, and average temperatures on the property would be lower than those reported at Castlegar. Additionally, and a greater proportion of the precipitation would occur as snow.

Snow can begin to fall at the property in early to mid-October, and remains on the ground until June. This provides for a relatively short field season on the mountain, but drilling can generally be conducted between April and November, weather and snow-depth permitting. Snowfall beginning in late October 2011 made access to the property difficult by vehicle towards the end of the 2011 program, and quads had to be used.

Excellent infrastructure exists in the region with power lines and roads within 5km of both the Cariboo and Silver King properties. There are several nearby cities (Nelson, Castlegar, Trail, and Salmo) which provide services and supplies necessary for exploration and mining purposes, including drilling and heavy equipment contractors, laborers, and local technical experts.



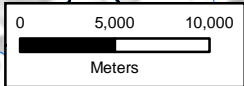
2011 Cariboo
Trenching Program



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2011 Cariboo Trenching Program
Figure 1 - Location Map
Nad 83 UTM Zone 11
1:400,000

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EXCALIBUR RESOURCES TENURE MAP
Figure 2 - Crown Grants and Mineral Claims
Nad 83 UTM Zone 11
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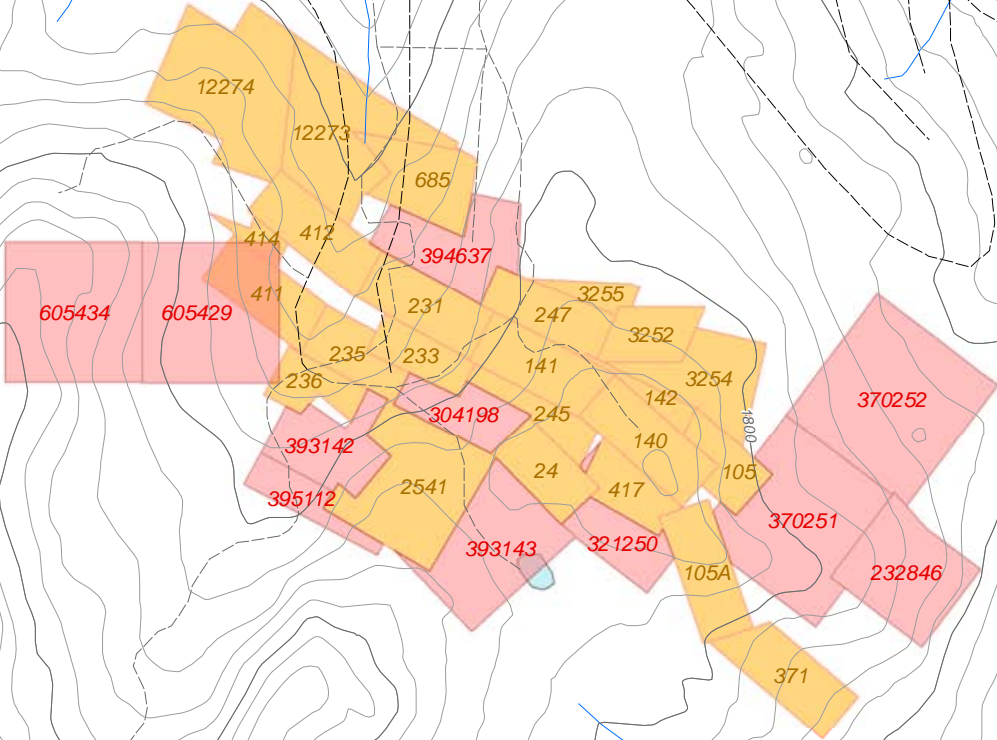
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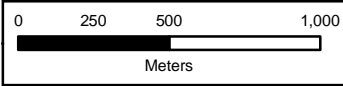
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Legend

- Mineral Tenure
- Crown Grants



4.0 TENURE

The Silver King and Cariboo properties are comprised of 24 Crown Granted claims and 11 mineral tenures, as shown in Table 1, and on Figure 2. The mineral tenures are owned by Mr. Don Graham and Mr. Tom Cherry; and the Crown Grants are owned by Arbutus Resources Ltd.. Excalibur Resources Ltd. of Toronto, Ontario, has the option to earn 100% in all claims mentioned above. The mineral tenures are all in good standing until February 28, 2014, except Silver King SE and Silver King SW2 which have an expiry date of June 4, 2012. The Crown Granted claims require payment of annual taxes which are next due on July 1, 2012.

Table 1. Tenure Information – Crown Grants and Mineral Claims

CROWN GRANTS (Owner Arbutus Resources Ltd.)			
<u>District Lot No.</u>	<u>Claim Name</u>	<u>Title No.</u>	<u>Interest</u>
105	Grizzly Bear	XJ3401	mineral only
105A	Silver Queen	XH3402	mineral only
140	Kootenai Bonanza	XH38621	mineral & surface
141	Silver King	XH38622	mineral & surface
142	American Flag	XH38623	mineral & surface
231	Dandy	XH38624	mineral & surface
233	Forest	XJ3403	mineral only
235	New Market	XJ3404	mineral only
236	Democrat	XJ3405	mineral only
244	Union Jack	XH38625	mineral & surface
245	Koh-I-Noor	XH38626	mineral & surface
247	Lulu	455921	mineral only
371	Hannah	XJ3406	mineral only
411	Hidden Treasure	XJ3407	mineral only
412	Ollie	XH38627	mineral & surface
414	Etna	XJ3408	mineral only
417	Copper King	14758-I and	mineral only
685	Grand View	18612-I XJ3409	mineral only
2541	Young Dominion	XJ3410	mineral only
3252	Money Market	XJ3411	mineral only
3254	O.V.G.	XJ3412	mineral only
3255	Eureka	XD1373	mineral only
12273	Victoria Fraction	XJ3413	mineral only
12274	Starlight Fraction	XJ3414	mineral only

MINERAL CLAIMS

<u>Record No.</u>	<u>Mineral Tenure Name</u>	<u>Good to Date</u>	<u>Owner</u>
304198	IROQUOIS FR.	28-Feb-14	Don Graham
321250	IVANHOE #3	28-Feb-14	Don Graham
393142	DON 1	28-Feb-14	Don Graham
393143	DON 2	28-Feb-14	Don Graham
394637	CHARTER	28-Feb-14	Don Graham
395112	DON #3	28-Feb-14	Don Graham
605429	SILVER KING SE	04-Jun-12	Don Graham
605434	SILVER KING SW2	04-Jun-12	Don Graham
232846	CARIBOO (RCG L5265)	28-Feb-14	Tom Cherry
370251	EAST END	28-Feb-14	Tom Cherry
370252	SUNNYSIDE	28-Feb-14	Tom Cherry

5.0 HISTORY AND PREVIOUS WORK

The history of the Silver King mining operation and the more recent exploration is well covered by Aylward (1983), McMillan (2000), Longe (1998), Hoy and Dunn (1989), and Dandy (2011). A detailed history of the property can be obtained from these sources, and from BC MINFILE reports, but a brief summary is outlined below:

- 1886: The Silver King claims were first staked by the Hall brothers
- 1889 - 1910: Silver King Mine was in production, with intermittent production continuing to 1958
- Production (from the Silver King Main Vein structure) totalled 202,049 tonnes (MINFILE #082FSW176) of ore, and returned 138,214,612 grams silver, 8,896 grams gold, 6,789,739 kilograms copper, 15,234 kilograms lead and 4,071 kilograms zinc. This correlates to an average grade of 684 g/t silver and 3.36% copper. Initial production of 100 tonnes of hand-picked ore in 1889 was brought down the mountain by pack train and shipped to Butte, Montana for smelting.
- 1889 – 1895: A wagon road was completed to the property and the Hall Mines Co. Ltd. of London, England developed the mine, built a copper smelter at Nelson, and completed an aerial tramway with 875 buckets and a capacity of 10 tons per hour.
- 1896 – 1902: “Large-scale” operations produced more than 116,000 tonnes of ore grading 3.3% Cu and 702 g/t Ag.
- 1903: Mine was leased by Mr. M.S. Davys and operated on a small scale.

- 1904: Davys entered into a partnership with the Hall Mining and Smelting Co. Ltd. with the intention of developing ore below the 7th level. In addition to underground work, the program included some diamond drilling. The partnership was terminated in 1906, however between 1904 and 1907; a total of approximately 6,000 tonnes of ore was mined from the property.
- 1907: Smelter closed due to a shortage of ore from the Silver King Mine and other sources.
- 1908: Kootenay Development Syndicate leased the property and shipped a minor quantity of ore to the Trail smelter. A power line was completed to the mine site and preparation made for development on and below the Dandy level.
- 1909: A fire destroyed part of the surface infrastructure and the mine was closed due to a lack of working capital. However, 1617 tonnes of ore was mined.
- 1912 - 1914: Consolidated Mining and Smelting Company (Cominco) purchased a controlling interest in the property. The Dandy tunnel was driven to connect with the shaft and the surface plant was rebuilt. A 1640 meter diamond drill program was completed and production reported as 15,477 tonnes of ore grading 1.85% Cu, 287 g/t Ag and 0.7 g/t Au.
- 1914: Mine was closed because of World War I, however during the war (between 1914 and 1918) a limited amount of development work and 2128 meters of diamond drilling was completed. There was some small-scale production from lessors in the period between World War I and 1958.
- 1965 – 1967: New Cronin Babine Mines Ltd. undertook an extensive re-evaluation of the property. Road access along Giveout Creek was developed to the property and the underground workings rehabilitated and sampled. Fifty four (54) holes totalling 3710 meters of AX core, as well as 28 short X-ray holes drill tested the near surface Main Vein structure. The work identified a new vein, the King Vein, and increased the mineral inventory to a “proven reserve” of 75,026 tonnes grading 325 g/t Ag, 2.1% Cu and 0.9% Pb for the King Vein, Main Vein Extension, Footwall X-Vein, Footwall Vein, D45 and D50 structures and the Nos. 1, 3, 4, 5 and 6 Dumps. In addition, an estimated 33,000 tonnes of “probable ore” grading 483 g/t Ag and 1.8% Cu from underground as well as from the Bonanza and Main pits (from Aylward, 1983). **None of these “reserve” estimates would meet NI 43-101 standards and should not be relied upon, but do provide a reasonable basis for recommending additional exploration programs.**
- 1967: Metallurgical test work and a feasibility study conducted by Hill Manning and Associates were completed on the Silver King property.
- 1973: Sproatt Silver Mines contracted Glen E. White Geophysical Services to complete a program of line cutting, soil geochemical sampling and induced polarization surveying (White, 1973).

- 1981: Hecate Gold Corporation engaged Moneca Mine Development to evaluate the property and following a mapping-sampling program reconfirmed the earlier data.
- 1983: Host Ventures Ltd. conducted a 10 hole diamond drill program, totalling 567 meters, and supervised by MineQuest Exploration Associates Ltd. Mapping, trenching, surface and underground sampling was also conducted on the property. This work is reported in Aylward (1983), who reported a “proven ore reserve” of 68,144 tonnes of ore grading 252 g/t Ag, 1.7% Cu and 0.9% Pb. **This reserve estimate is not NI 43-101 compliant and should not be relied upon.**
- 1998: Amulet Resources Ltd. (thereafter renamed Silver King Mines Ltd.), who completed exploration soil geochemical sampling and Induced Polarization geophysical surveys on the Silver King Property (Longe, 1998).
- 2001 – 2006: Sultan Minerals Inc. conducted some minor exploration on the property including soil sampling, trenching and diamond drilling of four (4) holes at the Silver King Mine. At the Cariboo Property, one (1) diamond drill hole and three (3) trenches were excavated.
- 2008: Excalibur Resources Ltd. conducted a mapping and sampling program at the Silver King property, with minor sampling occurring at the Grizzly Adit.
- 2009: Excalibur Resources Ltd. drilled 25 diamond drill holes at the Silver King Property, totalling 2127.55 meters.

6.0 GEOLOGICAL SETTING

6.1 Regional Geology

The Rossland Group is in the southern part of the Omenica Crystalline belt, and within the Rossland-Nelson map area. The Omenica belt is a zone of variably deformed and metamorphosed Proterozoic to Tertiary rocks, generally comprised of an imbricated succession of thrust sheets that were transported during Mesozoic time. The belt underwent a complex history of thrusting, faulting, and folding, which began in the early Jurassic, with subsequent compressional deformation during the Mesozoic, and extensional tectonism in the Eocene. The Plutonic rocks in the Omenica belt are common and represent magmatism associated with both extensional and compressional tectonics (Klein, 2008).

Most of the Nelson region is underlain by Jurassic-aged mafic to intermediate volcanic rocks of the Rossland Group, comprised of three formations: Archibald, Elise, and Hall (Hoy and Andrew, 1989). The Archibald formation consists of fine clastic metasediments. The overlying volcanic rocks of the Elise Formation host the Silver King Mine, and consist of inter-fingering lenses of massive to brecciated, mostly andesitic to mafic flows, tuffs, sub-volcanic porphyries, and minor epiclastics. Overlying the Elise volcanics is the Hall Formation, which consists of clastic sediments that display post-arc deposition in a

marine structural basin. These formations were later intruded by the mid- to late Jurassic Nelson Batholith, mid-Eocene Coryell syenite, and Tertiary rhyolite and lamprophyre dykes. These intrusions vary in age, but are interpreted to be syntectonic and related to the onlap, thrusting, and folding of the Quesnellia terrane (Klein, 2008).

In the Toad Mountain area, these Jurassic-aged rocks of the Rosslund Group and their later intrusions display northwest trending tight folds and associated shear zones related to both the compressional and extensional events (see Figure 3). The Hall Creek syncline; a tight, south-plunging, west-dipping, overturned fold, is the most prominent feature in the region, and is cored by the Hall Formation. The clastic metasediments of the Hall Formation display a pronounced cleavage parallel to the axial plane of the syncline. The core of the syncline also forms a zone of intense shearing that extends over a kilometer in width, and is called the 'Silver King Shear'. The shear provided a conduit for hydrothermal fluids and is the focus of abundant sericite, chlorite, quartz, carbonate, hematite, and epidote alteration in discrete to pervasive zones. Additionally, the shear zone was a conduit for polymetallic vein mineralization, and hosts the Silver King deposit and other sulphide mineralization. Both the Silver King Property and Cariboo Property lie directly within this shear zone, with the Silver King located in the Elise Volcanic succession, and the Cariboo Property characterized by metasediments of the Hall formation. The Toughnut, Cumberland, Starlight, Star, Alma, and numerous other mineral showings are also found along the Silver King shear zone, and are still the focus of exploration programs in the area.

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REGIONAL GEOLOGY MAP - NELSON, BC

Figure 3 - Regional Geology Map - Hoy, Dunne,
& Jackaman (2004), BC Energy and Mines

1:100,000

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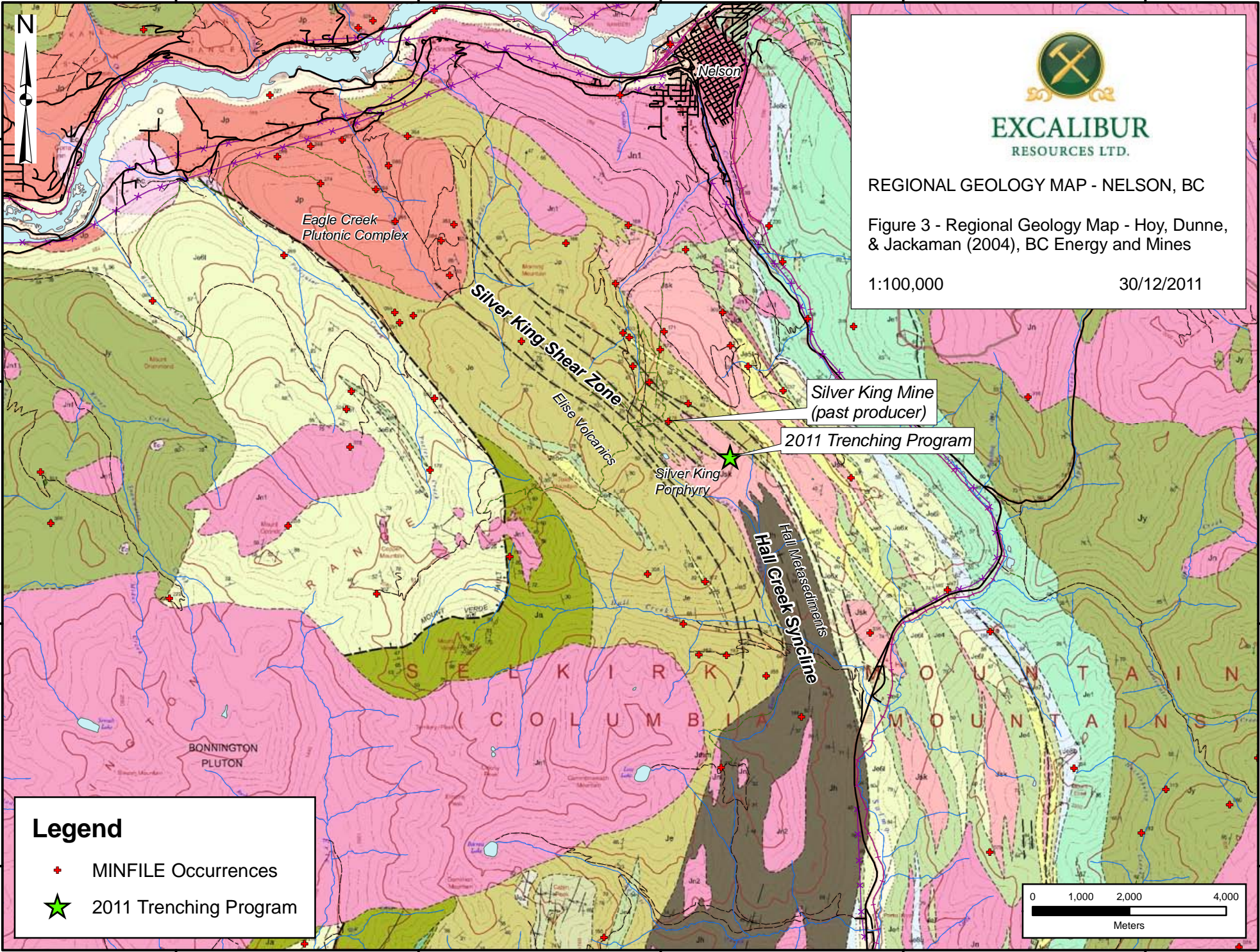
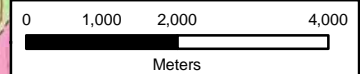
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Legend

⊕ MINFILE Occurrences

★ 2011 Trenching Program



Nelson

Eagle Creek
Plutonic Complex

Silver King Shear Zone

Elise Volcanics

Silver King
Porphyry

Silver King Mine
(past producer)

2011 Trenching Program

Hall Creek Syncline

BONNINGTON
PLUTON

SELEKIRK
COLUMBIA MOUNTAINS

LEGEND

**QUATERNARY
PLEISTOCENE TO RECENT**

Q Unconsolidated glacial till, sand or gravel

TERTIARY AND OLDER

KTd Diorite

KTr Rhyolite, dacite dyke

MIDDLE EOCENE

Ec Coryell Plutonic rocks: Augite - biotite monzonite, biotite-hornblende syenite

mKg Biotite granite, quartz monzonite, monzonite, granite, diorite.

JURASSIC

Jn Nelson intrusions: 1 granodiorite, quartz monzonite; 2 diorite porphyry; 3 breccia: 165-160 Ma U-Pb zircon dates

Jsk Silver king intrusions: Plagioclase porphyry; locally sheared; 174-178 Ma U-Pb zircon dates

Jmm Mammoth intrusions: Plagioclase-augite porphyritic diorite; age unknown

Jdi Fine to coarse granular diorite; age unknown

Jp EAGLE CREEK PLUTONIC COMPLEX: Diorite, gabbro, meta-diorite, pyroxenite, monzonite

**LOWER AND MIDDLE (?) JURASSIC
ROSSLAND GROUP**

Jh HALL FORMATION: Siltstone, sandstone, conglomerate, argillite, minor limy units

Je ELISE FORMATION: Undifferentiated mafic to intermediate flows, mafic tuff, epiclastic deposits and subvolcanic intrusions

Je8 Tuffaceous conglomerate; c: predominantly intermediate volcanic clasts; b: mixed mafic to intermediate clasts; a: predominantly mafic clasts

Je7 Tuffaceous siltstone, sandstone; a: argillaceous siltstone

Je6 Andesitic tuff, minor basaltic tuff; l: lapilli tuff with plagioclase +/- augite bearing volcanic clasts; x: plagioclase +/- augite crystal tuff

Je5 Plagioclase +/- amphibole, augite flow breccia; e, mafic tuff; f, mafic fine tuff

Je4 Augite +/- plagioclase basalt flows, flow breccias

Je3 Mafic to andesite lapilli, crystal and fine tuff; reworked pyroclastic deposits, surge deposits

Je2 Basaltic lapilli tuff with augite +/- plagioclase bearing volcanic clasts

Je1 LOWER ELISE: Augite +/- plagioclase basaltic flows, flow breccias, minor subvolcanic intrusions

UPPER ELISE

Ja ARCHIBALD FORMATION: Siltstone, sandstone, argillite; commonly rusty weathering

Jav Basalt and andesite flows, lapilli tuff

Jy YMIR GROUP: Argillite, siltstone, grit; impure limestone, minor chert, wacke, commonly rusty weathering

LOWER & MIDDLE ORDOVICIAN

ImO ACTIVE FORMATION: Black argillite, slate, quartzite

MIDDLE CAMBRIAN

mCn NELWAY FORMATION: Black to grey limestone, calcareous argillite, slate, phyllite

LOWER CAMBRIAN

ICm Undivided metasedimentary rocks: Quartzite, schist, argillite, slate, limestone; a, black phyllite and schist

ICl LAIB FORMATION: Phyllite, argillite, schist, micaceous quartzite; minor limestone; a, Truman Member: Dark phyllite with marble interbeds; b, Reeves Limestone Member (Badshot equivalent): Grey limestone (calcareous marble), minor dolomite (dolomitic marble)

ICr RENO FORMATION: Argillaceous quartzite, argillite, micaceous schist

ICqr QUARTZITE RANGE FORMATION: White, green and pinkish quartzite, minor schist; c, Nevada Member: Thin bedded argillaceous quartzite; white quartzite at top; d, argillaceous quartzite

LOWER CAMBRIAN AND PROTEROZOIC

CPs THREE SISTERS FORMATION: Green and grey grit and quartzite; minor schist and limestone; a, conglomerate

SYMBOLS

- Contact: defined, approximate, assumed
- Schistosity: inclined, vertical
- Bedding: inclined, overturned, unknown
- Fault (unclassified): defined, approximate, assumed
- Thrust fault
- Normal fault (dot on downthrown side)
- Shear fault
- Anticline: upright, overturned
- Syncline: upright, overturned
- Lineation: inclined
- MINFILE mineral occurrence (see table at left; 82F06...)

6.2 Property Geology

The historic Silver King mine, the Grizzly Adit, and the Cariboo workings are all hosted within the Elise and Hall Formations of the Lower Jurassic Rosslund Group. The properties are located within the southward plunging and overturned Hall Creek syncline, and along mineralized structures related to the Silver King Shear zone. As seen on the regional geology map in Figure 3, this shear zone is a northwest-southeast trending zone composed of many smaller-scale shears. The main Silver King mine area and the 2011 study area (between the Grizzly showing and the Cariboo showing) are within the intensely sheared crest of the Hall Creek syncline.

Plutonic rocks found in the area include the Middle Jurassic batholiths and stocks, including the Silver King plutonic suite and the Nelson Batholith. The Silver King intrusions consist of highly deformed feldspar porphyries, and are commonly associated with copper, lead, zinc, silver, and gold mineralization (Klein, 2008). Within the 2011 study area, an intrusion of Silver King Porphyry, consisting of resistant plagioclase porphyritic quartz-diorite, is located between the main Silver King mine area and the Cariboo showing. Additional smaller intrusions of Silver King Porphyry are also located proximal, and to the east of the Cariboo adit. The contacts between the Rosslund Group rocks and the Jurassic intrusions are also intensely sheared and foliated.

Hydrothermal alteration of the Rosslund Group includes the development of iron-carbonate minerals and manganese oxides, silicification, sericitization, and the replacement of mafic minerals by chlorite, siderite, iron-oxides, and local potassium feldspar near mineralized zones. Detailed petrographic work related to the timing of alteration and mineralization within the 2011 study area has not yet been completed; however the Jurassic intrusions may have driven one phase of the hydrothermal alteration and possible mineralization located at these showings. Additionally, this Silver King shear zone is within the crest of the Hall Creek syncline, and a major deep regional structure in the area related to compression during the Quesnellia orogeny event in the Jurassic. The Silver King shear structures were also most likely reactivated during the Mesozoic compressional and Eocene extensional events. As a result, the shear zone may have acted as a conduit for several episodic hydrothermal events.

The 2011 mapping, trenching and sampling program conducted by Excalibur Resources focused on the area adjacent to, and to the southeast of the main Silver King historic mine area. This area represents approximately 1000 meters of strike length within the Silver King shear zone between the Grizzly adit and the Cariboo adit (see Figure 4). The host lithologies of the Silver King, the Grizzly adit, and the Cariboo showings differ, however they are all within the Silver King shear zone. As a result, the structures and fluid conduits for alteration and mineralization are most likely related to some degree. With this in mind, a brief description of the geology and mineralization of the Silver King Property is included below, with further discussion of the area between the Grizzly adit and the Cariboo showing:

Silver King Property: From Dandy (2011), Mulligan (1952) and Hoy and Andrew (1989), the Elise Formation is the main host rock for mineralization at historic Silver King mine, and is mainly comprised of volcanic augite porphyry and chlorite schist. Volcanoclastic rocks are mostly coarse mafic to intermediate pyroclastic or flow breccias. Lenses of more felsic material are common, and have been variously interpreted as either metasedimentary/metavolcanic layers or intrusives. Several mineralized veins and structures occur on the Silver King property, including the Main Silver King Vein, King Vein, Iroquois Vein, and Kohinoor Vein, and strike southeast, sub-parallel to the Silver King shear. Other known veins include

the K-vein, Cross Fault structure, and Queen Vein which strike approximately north-south or east-west. All mineralized veins occur as siliceous (quartz-chalcedony-chert) breccias within larger iron-manganese carbonate alteration halos. Hematite spotting and dusting is common in the carbonate alteration halo, and often extends into lesser altered andesitic host rocks. The main sulphide minerals in the veins include pyrite, chalcopyrite, galena, sphalerite, tetrahedrite-tennantite, and bornite. There is also minor argentite, stromeyerite, and other silver-bearing minerals. Alteration associated with mineralized veins is well-zoned, from distal regional calcite and chlorite to proximal iron-manganese carbonate and quartz.

Bounded in the northwest by the Eagle Creek Plutonic complex, the Silver King mineralization trends northwest-southeast along the Hall Creek Syncline, and is bounded by the Silver King Porphyry southeast of the Silver King Mine area (Mulligan, 1952 and Hoy and Andrew, 1989). The Silver King Porphyry is a plagioclase porphyry of quartz-dioritic composition interpreted to be of syntectonic origin (Klein, 2008).

Grizzly adit: The historic Grizzly adit is the easternmost extension of the Silver King workings to date, and displays Silver King-style polymetallic veining and hydrothermal brecciation. It is located to the southeast of the main Silver King mine area, within the bounding Silver King Porphyry zone mentioned above. The expression of shearing and mineralization diminishes in the porphyry, with the zone pinching and swelling along strike between the Silver King mine area and the Grizzly adit. At the Grizzly adit, the mineralized hydrothermal shear is much thinner (~5 meter thick), and the host wall rock is Jurassic Silver King Porphyry intrusive rather than the volcanoclastics of the Elise Formation. Consistent with the Silver King mine area, mineralization occurs within a quartz-chalcedony-chert breccia with iron-manganese and iron-carbonate alteration, and stockworked quartz veining with hematite. Sulphide mineralization consists of pyrite, chalcopyrite, galena, sphalerite, tetrahedrite-tennantite, bornite, and silver-bearing minerals.

Additionally, thin (0.5 – 3 meter) mafic intrusions and phlogopite lamprophyre dykes are present at, and to the southeast of the Grizzly adit, located in trenches 2 and 3 (see Figures 7 and 8). The presence of these ultramafic lamprophyre dykes and other distinct mafic intrusions of variable composition within the same shear suggest that the Silver King shear zone was episodically reactivated and was the conduit for intrusions of various compositions. This suggests that multiple phases of hydrothermal alteration and mineralization also most likely occurred in this zone.

At the Grizzly adit, the mineralized shear is up to 5 meters in thickness, and varies along strike to the northwest and to the southeast. Generally, it thins to the east and was difficult to locate and follow with trenching. Several small old workings, blastings, and diggings were located in the area downslope of the Grizzly adit, all of which encountered either no mineralization, or only thin zones of shearing and hydrothermal alteration, with mineralized zone of less than 0.5 meters.

Cariboo showing: Southeast of the Grizzly adit, the Cariboo property is also situated within the Silver King shear zone and the southward-plunging Hall Creek syncline. Shear-hosted hydrothermal veining, mineralization and quartz-stockworking occur within the fine-grained clastic rocks of the Lower Jurassic Hall formation. Stratigraphically, the Hall formation overlies the Elise formation volcanics, is approximately 2100 meters in thickness, and consists of mainly fine-grained metasediments (Klein, 2008). The soft metasediments of the Hall formation are pervasively hydrothermally altered and display intense sericitization, chloritization, and iron-carbonate alteration, with common manganese spotting and silicification. The metasediments are thinly foliated (millimeter-scale), friable, and sheared, with common crenulated fabrics. Evidence of extensive shearing within the Hall Formation is present on the Cariboo

property as small-scale shears within the softer lithologies. Mineralization occurs within shear-hosted veins and throughout the unit as both disseminated sulphides, and in association with irregular quartz-stockworking. Disseminated metallics are also found at the sheared contacts between the Hall metasediments and the more competent Jurassic Silver King Porphyry.

The main Cariboo showing occurs as gold and other mineralization within a bull quartz vein, 40-80cm in thickness, within a hydrothermally brecciated shear. Strong manganese and iron-carbonate alteration within the shear also occurs with limonite, hematite, and sulphur. The quartz vein is grey crystalline quartz, mineralized with pyrite, arsenopyrite, chalcopyrite, galena, tetrahedite, gold, and silver minerals. Surrounding the main Cariboo quartz vein, irregular quartz-stockworking, silicification, sericitization, manganese, and iron-carbonate alteration also occur.

The main Cariboo quartz vein can be followed for a distance of approximately 200 meters from the historic Cariboo adit towards the northwest, where the vein is either sheared or pinches out (see Figure 4). Further mineralization occurs further to the northwest at the contact between the Hall metasediments and the Silver King Porphyry. Here, alteration occurs as intense iron-carbonate alteration, sericitization, and silicification associated with irregular quartz-stockworking of crystalline white quartz and minor hematite. Chalcopyrite, pyrite and galena occur in veins and disseminated within alteration halos.

Silver King Porphyry: On the Cariboo property between the Grizzly adit and the Hall metasediments, the Silver King porphyry outcrops in cliff bands. It is a plagioclase porphyritic quartz-diorite, with white plagioclase phenocrysts up to 1cm in size within a light grey to greenish-grey fine-grained groundmass. The unit is hydrothermally altered surrounding shear zones, and also at the contact with the Hall formation. Altered Silver King Porphyry is light pinkish in color, friable and foliated, with sericitization of plagioclase phenocrysts, chloritization, iron-carbonate alteration, and destruction of magnetite. Cubic pyrite crystals up to 1mm are common. Mapping and sampling of the sheared zones within the porphyry was not conducted in depth since the 2011 exploration program was focused more on the area and shear zones of the Grizzly and Cariboo adits.

Figure 4 illustrates the geology and outcrop locations on the property, and lithological description of the map stations are found in Appendix III.

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Figure 4 - Detailed Geology, Outcrop & Mapping Stations

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Legend

Map Station/Outcrop

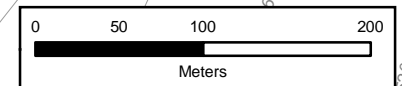
- Hydrothermal Shear
- Intrusives
- Silver King Porphyry
- Metasediments
- Metavolcanics
- Quartz Vein

Map Unit

- Silver King Porphyry
- Hall Fm - Metasediments
- Hall Fm - Volc or Seds
- Quartz Vein
- Mineralized Shear Zone
- Contact

- Contour (20m)
- Road
- Inferred Shear
- Foliation strike/dip

**** See geologic descriptions for mapping stations in Appendix III**



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7.0 MINERALIZATION

7.1 Deposit Type

Mineralization of the Silver King shear zone at Silver King has been described as being associated with the Polymetallic Veins Model. The British Columbia Geological Survey Branch's Mineral Deposit Profile I:05 (Lefebure and Church, 2005) describes this deposit type, and is the source for the materials described below:

Polymetallic veins may occur in both metasedimentary and igneous host rocks and occur as sulphide-rich veins containing sphalerite, galena, silver, and sulphosalt minerals in a carbonate and quartz gangue. Within an intrusive host (as seen at the Silver King) these veins are typically contemporaneous with emplacement of a nearby intrusion. In a metasedimentary host system (as seen at the Cariboo), these veins are often emplaced along faults and fractures within a sedimentary depositional system that has been deformed, metamorphosed, and intruded by igneous rocks, and veins often postdate metamorphism. The age of mineralization of these veins is typically Tertiary to Cretaceous in British Columbia.

Host rocks: These veins can occur in virtually any host rock. Most commonly the veins are hosted by thick sequences of clastic metasedimentary rocks or by intermediate to felsic volcanic rocks. In many districts there are felsic to intermediate intrusive bodies nearby, and mafic intrusives are less common. Many veins are associated with dykes following the same structures.

Textures/Structures: Typical occurrences are of steeply dipping, narrow, tabular or splayed veins. Commonly they occur as sets of parallel and offset veins. Individual veins vary from centimetres up to more than 3 meters wide and can be followed from a few hundred to more than 1000 meters in length and depth. Veins may widen to tens of meters in stockwork zones. Compound veins with a complex paragenetic sequence are common. These veins contain a wide variety of textures, including cockade texture, coliform banding and crustifications and are locally drusy. Veins may grade into broad zones of stockwork or breccia. Coarse-grained sulphide minerals occur as patches and pods, along with fine-grained disseminations confined to veins.

Ore mineralogy: Ore mineralogy often consists of: galena, sphalerite, tetrahedrite-tennantite, and other sulphosalts including pyrargyrite, stephanite, bournonite and acanthite, native silver, chalcopyrite, pyrite, arsenopyrite, stibnite. Silver minerals often occur as inclusions in galena. Native gold and electrum are found in some deposits. Rhythmic compositional banding is sometimes present in sphalerite. Some veins contain more chalcopyrite and gold at depth, and gold grades are normally low for the amount of sulphide minerals present.

Gangue mineralogy: Gangue mineralogy in a metasedimentary host includes: carbonates (siderite, dolomite, ankerite, and calcite), quartz, barite, fluorite, magnetite, and bitumen. Within igneous hosts, gangue mineralogy includes: quartz, carbonate (rhodochrosite, siderite, calcite, and dolomite), *hematite (sometimes specular)*, *barite and fluorite*. Carbonate species may correlate with distance from source of hydrothermal fluids with proximal calcium and magnesium-rich carbonates and distal iron and manganese-rich species.

Alteration: Macroscopic wall rock alteration is typically limited in extent (measured in meters or less). The metasedimentary rocks typically display sericitization, silicification and pyritization. Thin veining of siderite or ankerite may be locally developed adjacent to veins. In volcanic host rocks the alteration is argillic, sericitic or chloritic and may be quite extensive.

Weathering: Black manganese oxide stains, sometimes with whitish melanterite, are common weathering products of some veins. The supergene weathering zone associated with these veins has produced major quantities of manganese. Galena and sphalerite weather to secondary lead and zinc carbonates and lead sulphate. In some deposits supergene enrichment has produced native and horn silver.

Ore controls: Regional faults, fault sets and fractures are an important ore control; however, veins are typically associated with second order structures. In igneous rocks the faults may relate to volcanic centers. Significant deposits are generally restricted to competent lithologies. Dykes are often emplaced along the same faults and in some camps are believed to be roughly contemporaneous with mineralization. Some polymetallic veins are found surrounding intrusions containing porphyry deposits or prospects.

Genetic models: Historically, these veins have been considered to result from differentiation of magma with the development of a volatile fluid phase that escaped along faults to form the veins. More recently researchers have preferred to invoke mixing of cooler, upper crustal hydrothermal or meteoric waters with rising fluids that could be metamorphic, groundwater heated by an intrusion or expelled directly from a differentiating magma. Any development of genetic models is complicated by the presence of other types of veins in many districts.

7.2 Property Mineralization

At the historic Silver King mine, mineralization is consistent with the Polymetallic Vein deposit model outlined above. The vein complex is hosted within the Elise volcanics, and comprised of multiple polymetallic veins and many, as of yet, un-delineated, sub-parallel spur and cross-cutting veins. The veins primarily consist of quartz, calcite, siderite and rhodochrosite, with relatively minor hematite and sulphides including pyrite, chalcopyrite, galena, sphalerite, tetrahedrite, covellite, and bornite. Silver-bearing minerals include stromeyerite, and tetrahedrite-tennantite, and there is also minor gold. The area within the Silver King Shear has been regionally hydrothermally altered to include the development of carbonate minerals and replacement of mafic minerals by chlorite, siderite, sericite, iron-oxides and local potassium feldspar close to mineralized zones (Mumin, 2009). It has been suggested (Longe, 1998) that the principal control to mineralization within the Main Silver King Structure is the resistance to shearing provided by the feldspar augite porphyry.

The underlying structures of the Silver King Shear zone control mineralization at the Silver King mine, and extend to the southeast to the area of the Grizzly adit and the Cariboo showing, though the expression of this zone changes within the differing lithologies. At the Grizzly adit, mineralization is similar to that seen at the Silver King, with brittle fracturing/shearing in the competent Silver King Porphyry host rock.

Mineralization at the Cariboo showing also occurs along strike of the Silver King shear zone, and is also consistent with the deposit type for polymetallic vein systems as outlined by Lefebure and Church (2005).

The metasediments of the Hall Formation display sericitization, silicification, pyritization, and iron-carbonate alteration (ankerite and siderite). Mineralization is also hosted by quartz and quartz-carbonate veins, shears and breccia zones within the less resistant, strongly foliated and sheared metasedimentary rocks of the Hall Formation. Black manganese oxides are common within the shear zone associated with the main Cariboo quartz vein. Irregular quartz stockworking is also common throughout the area where the Hall metasediments are present, increasing in intensity near the main Cariboo showing. Gold values are higher than at the Silver King Mine area, and occur with silver, lead, zinc and copper.

Within a less competent host rock of different composition, shearing/fracturing, veining, and mineralogy differs from that seen at the Silver King. With both similarities and differences between structure and mineralization in these two areas, the relationship between these deposits along strike and their 3-dimensional geometries at depth, are still poorly understood.

8.0 2011 EXPLORATION PROGRAM

The 2011 exploration program consisted of seventeen (17) days of mapping, excavator trenching, and sampling completed by a crew of three (3), consisting of one geologist, one excavator operator, and one field technician. The sampling work was completed between October 15th and October 29th, 2011, with preliminary road construction work occurring over a total of four (4) days between October 7th and October 10th, 2011. The crew was stationed in Nelson, BC and drove to the property each day using 4x4 truck. Quads were utilized while on the property to transport gear and samples while on the property. The sampling program occurred over length of approximately 1000 meters between the Grizzly adit and the Cariboo adit, on the east side of Toad Mountain.

The purpose of the program was to determine the nature of mineralization, and the relationship of these structures within the Silver King shear zone. Limited surface mapping was conducted to determine the location and contacts of geologic units within the area, and to attempt to follow the mineralization from the Silver King Shear so that trenches could be excavated along its strike. In total, eight (8) trenches were excavated, with additional surface sampling where possible. Total expenditures for the program were: \$55,334.37, and detailed expenditures of the 2011 trenching program are outlined in Appendix II.

9.0 SAMPLING METHOD AND APPROACH

Preliminary outcrop mapping was conducted between the Grizzly adit and the Cariboo adit to determine the property geology, and locate contacts and structures (see Figure 4). Historic workings located to the southeast, and downslope of the Grizzly adit (to a distance of ~400 meters southeast), consisted of overgrown minor excavations, trenches, and pits. The geology and location of all historic workings were mapped on the detailed property geology map, and samples were taken. Trench locations were chosen based on this preliminary mapping in order to intersect the Silver King shear zone and any potentially mineralized lithologies and structures. In total, eight (8) trenches were excavated (a total length of 123 meters), with an attempt at orienting trenches approximately perpendicular to the strike of mineralization, terrain permitting. 173 rock samples, including chip/channel samples and grab samples, were taken from

the 1000 meter distance between the historic Grizzly adit and the Cariboo adit. Sample and trench locations are located on Figure 5.

Trenches were initially excavated using an excavator, and were further cleaned by hand using shovels. Brooms and brushes were used to clean dirt and debris from the trench walls and/or floors prior to sampling. Trench lithology was mapped and samples were laid out in 1 meter intervals perpendicular to the strike of foliation, structuring, and mineralization, and all chip/channel samples are therefore considered to represent 'true thickness'. Chip and channel samples were collected continuously along the length of each trench, sampling all trenches entirely. In addition, high-grade grab samples were collected from zones of either visible mineralization, or potential mineralization (see trench maps, Figures 6 – 13). Below, table 2 summarizes the length and number of samples in each trench.

Table 2. Trench Lengths

Trench	Length (meters)	Number of Samples
1	35.0	35
2	14.81	14
3	4.6	8
4	18.2	22
5	26.4	26
6	5.6	8
7	11.2	10
8	7	7

Where possible, bedrock samples were chipped using chisels and hammers across a 1 meter interval (true thickness). A channel saw was used for sampling lithologies that were silicified and/or too well indurated for chipping. Many of the samples from the trenches near the Grizzly adit required sawing, in addition to the silicified zones and quartz veining from trenches near the Cariboo adit. The Cariboo quartz vein was located in outcrop and road cuts in some locations near the Cariboo showing, in addition to within trenches, and some channel and grab samples were taken from these as well. Large samples were collected in order to mitigate for some of the sampling errors in nuggetty gold systems, and each sample consisted of a 12" x 20" poly ore bag approximately half to two-thirds full. Surface sampling was conducted in areas of potential mineralization, in locations of the old workings, in some outcrops, and in contact zones between the Silver King Porphyry unit and Hall formation metasediments.

Fifteen (15) QA/QC samples, including blanks and precious metal standards, were randomly inserted into the sample chain, and all 188 samples were sent to Acme Laboratories in Vancouver, BC.

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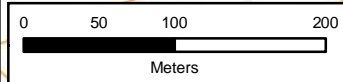
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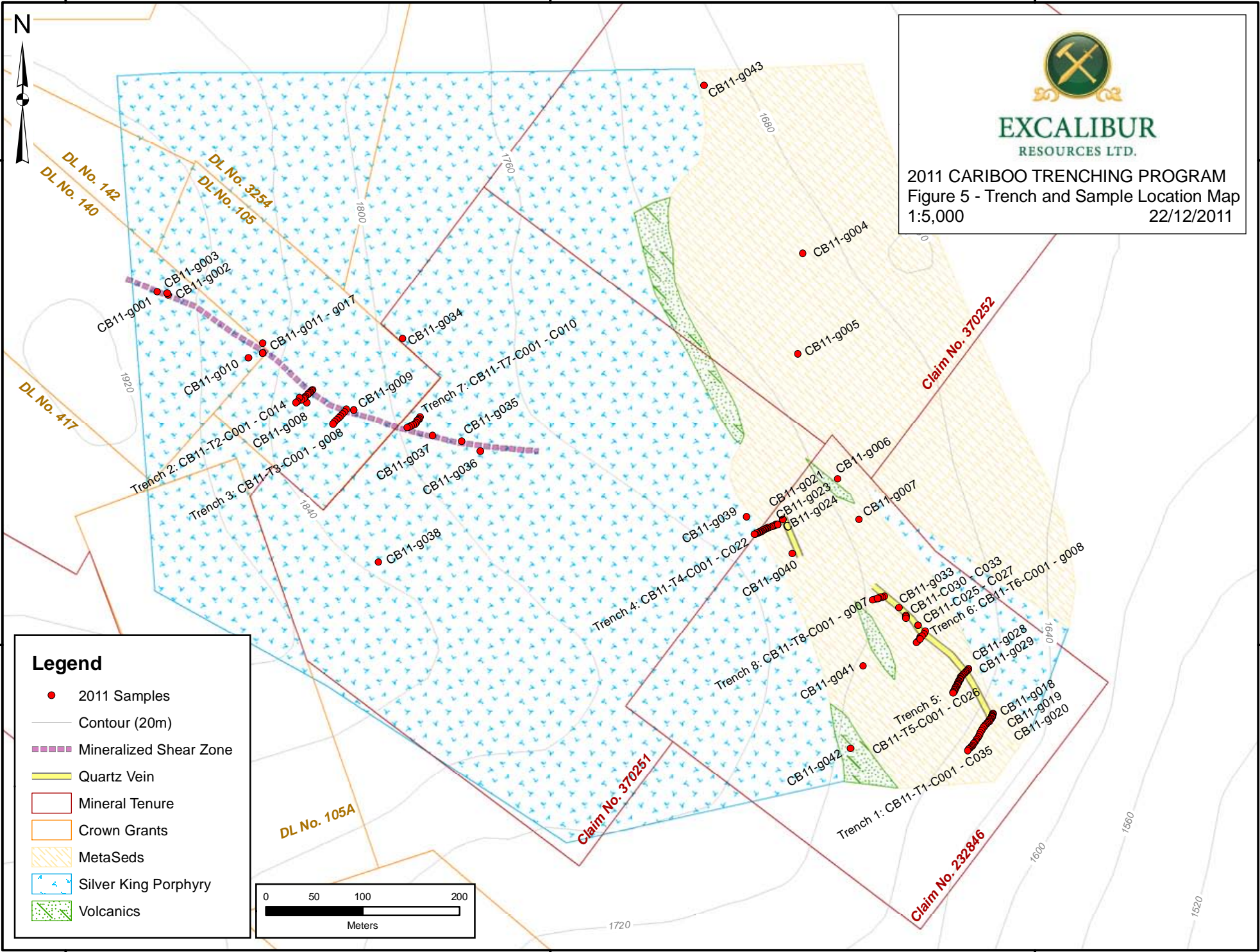
Legend

- 2011 Samples
- Contour (20m)
- ▬ Mineralized Shear Zone
- ▬ Quartz Vein
- ▭ Mineral Tenure
- ▭ Crown Grants
- ▨ MetaSeds
- ▨ Silver King Porphyry
- ▨ Volcanics



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Figure 5 - Trench and Sample Location Map
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10.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

In total, 173 rock and 15 QA/QC samples were catalogued, and shipped to Acme Laboratories in Vancouver, BC via Overland West Trucking for ICP-MS and Au-Ag Fire Assay analysis (see Appendix IV).

Large samples were collected in the field and prepped to mitigate for some sampling errors associated with gold systems. Sample prep consisted of Acme Prep Code R200–1000, in which 1kg of rock was crushed to 80% passing 10 mesh. 1000g was then split and pulverized to 85% passing 200 mesh.

ICP-MS: For Geochem analysis, samples were analyzed by ICP-MS 36 element (Group 1DX1). Sample splits of 0.5g were leached in hot (95°C) Aqua Regia prior to analysis.

Au-Ag Fire Assay: For metallic Fire Assay analysis, samples were tested using Fire Assay Group G603 – Au and Group 7AR – Ag.

Au: 30g of sample was tested for Au by Fire Assay – AA Finish

Ag: Sample underwent hot Aqua Regia digestion for base-metal sulphide and precious-metal ores and was then tested by 7AR: ICP-ES

11.0 RESULTS

In total, eight (8) trenches were excavated by Excalibur on the Cariboo property and near the Grizzly adit during the 2011 exploration program. Samples results are illustrated on the trench maps (Figures 6 – 13), on the property sample maps (Figures 14 – 18), and are also fully summarized in Table 4.

Three (3) trenches were excavated near the Grizzly adit (trenches 2, 3, and 7) and display polymetallic vein mineralization similar in style to that at the Silver King mine, within Silver King porphyry host rock. Various grab samples from the area surrounding the Grizzly adit returned elevated mineralization values of up to 44g/t Ag, 1% Cu, 0.24% Pb, and 1% Zn. One chip sample taken at the mouth of the adit contained 4g/t Ag, 0.05% Cu, 0.06% Pb, and 0.23% Zn over an interval of 0.5 meters. One chip sample taken from trench 5 contained 0.47g/t Au and 8g/t Ag, over an interval of 1 meter.

Four (4) trenches were excavated near the Cariboo showing (trenches 4, 5, 6, and 8). Three trenches intersected the main Cariboo quartz vein, and one intersected quartz stockworking at the contact between the Hall metasediments and the Silver King Porphyry unit. Mineralization at the Cariboo showing occurred in association with a shear-hosted quartz vein and quartz stockworking, and also at the contact between the Silver King Porphyry and the Hall metasediments. Mineralization sampled during the 2011 trenching program revealed higher gold and silver values at the Cariboo than at the Grizzly adit, in addition to elevated copper, lead and zinc values. As seen on the maps, all trenches intersected elevated gold and silver values, with associated lead, zinc, and copper. Mineralization was relatively consistent along the 200m strike length of the Cariboo quartz vein, with significant gold and silver intersections from trench samples summarized in Table 3 below.

Table 3. Cariboo showing: Significant Gold and Silver intersections

TRENCH	Interval (m)	GOLD (g/t)	SILVER (g/t)
Trench 1	3.2	2.7	5.9
<i>including</i>	2.0	3.70	9.5
Trench 5	3.0	0.47	2.7
Trench 6	5.0	2.58	52.0
<i>including</i>	1.0	3.60	62.0
Trench 8	4.0	3.90	45.8
<i>including</i>	3.0	5.09	60.0
<i>including</i>	1.0	6.48	74.0
CB11-C025 - C027	1.7	3.03	29.0
<i>including</i>	0.6	6.12	53.0
CB11-C030 - C032	2.7	3.69	25.0
<i>including</i>	2.0	5.19	35.5

Significant grab sample values also yielded mineralization values of up to 6.8g/t Au, 90g/t Ag, 0.3% Cu, 0.45% Pb, and 0.27% Zn. One channel sample from trench 8 yielded 6.48g/t Au, 74 g/t Ag, 0.01% Cu, 0.45% Pb, and 0.77% Zn. With the Cariboo quartz vein mineralized fairly consistently along its strike length, and a more detailed summary of the results from the 2011 exploration program can be seen on Figures 6 – 14, and full results including gold, silver, copper, lead, and zinc are displayed in Table 4.

FIGURE 6

Trench Number: 1

Trench Azimuth: ~195 deg (see notes)

Date: October 19, 2011

DATUM Easting: 479457 Northing: 5473629 Elevation: 1669m GPS Accuracy: +/- 6m

Trench Length: ~35m

Total samples: 35

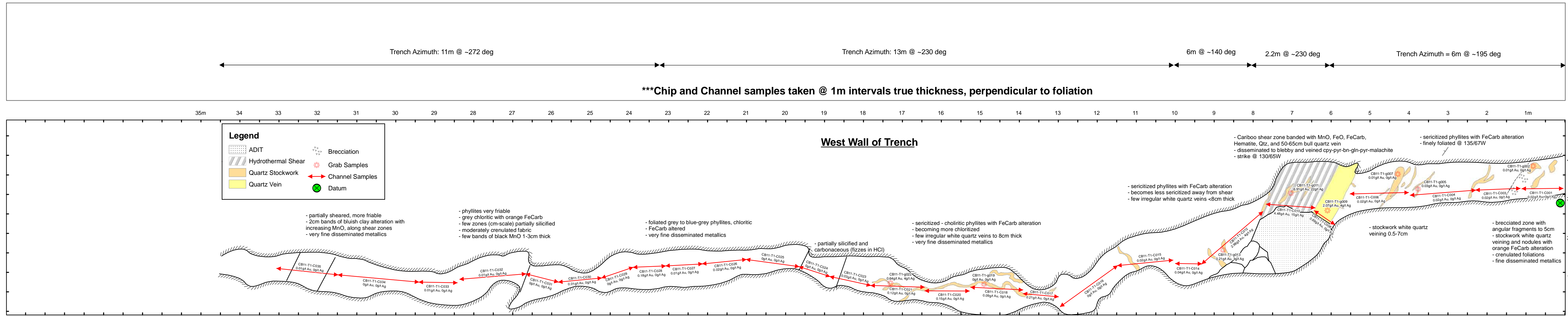


FIGURE 7

Trench Number: 2

Trench Azimuth: 213 deg

Date: October 21, 2011

DATUM: Easting: 478755 Northing: 5473963 Elevation: 1817m GPS Accuracy: +/- 6m

Trench Length: 14.81m

Total samples: 14

TRENCH LITHOLOGY

Altered Silver King Porphyry (?) wall rock with shear-hosted Lamprophyre Dyke

Host rock:

- very friable and thinly foliated, not well consolidated
- pinkish-silvery color with large, flattened phenocrysts to 1cm (sericitic) and rounded quartz crystals
- sericitic alteration
- black manganese oxides along foliations
- few thin white quartz veinlets to 0.5cm, with MnO and FeO
- few thin veinlets (<2cm) of blackish, waxy manganese oxides, well indurated with conchoidal fracture and very fine disseminated metallics (pyrite, chalcopyrite) and minor hematite
- weakly magnetic

West Wall of Trench

***Chip and Channel samples taken @ 1m intervals true thickness, perpendicular to foliation

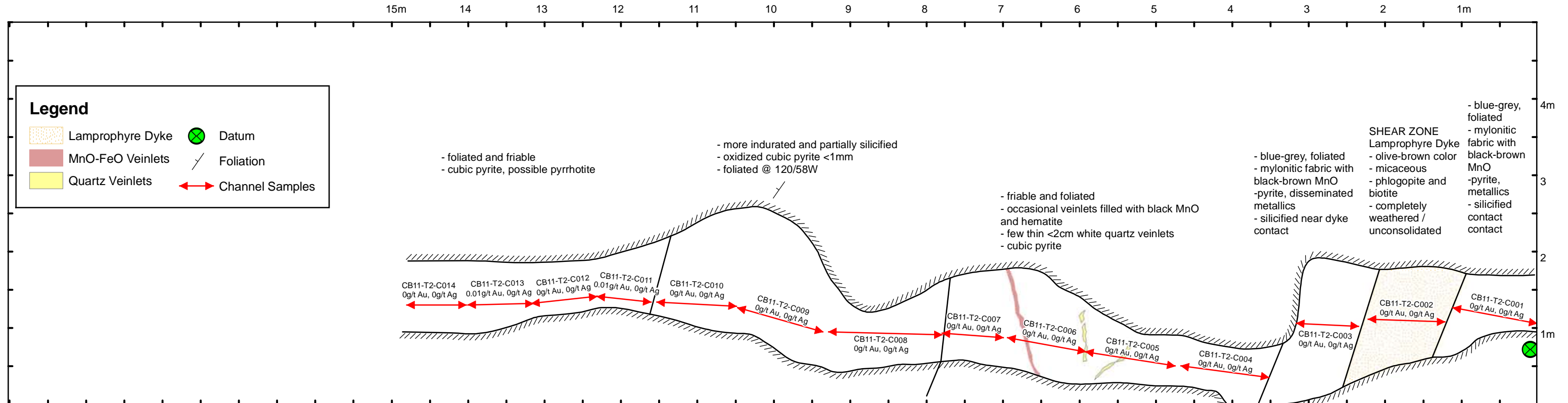


FIGURE 8

Trench Number: 3

Trench Azimuth: 228 deg

Trench Length: 4.6m

Date: October 23, 2011

DATUM: Easting: 478755 Northing: 5473963 Elevation: 1817m GPS Accuracy: +/- 6m

Total samples: 8

TRENCH LITHOLOGY

Altered Silver King Porphyry (?) wall rock with shear-hosted Mafic Dyke and Hydrothermal alteration

Host rock:

- light bluish-grey
- silicified, well indurated
- schistose to massive, MnO along mylonitic fabric
- fine cubic pyrites
- weakly magnetic

West Wall of Trench

*****Chip and Channel samples taken @ 1m intervals true thickness, perpendicular to foliation**

5m 4 3 2 1m

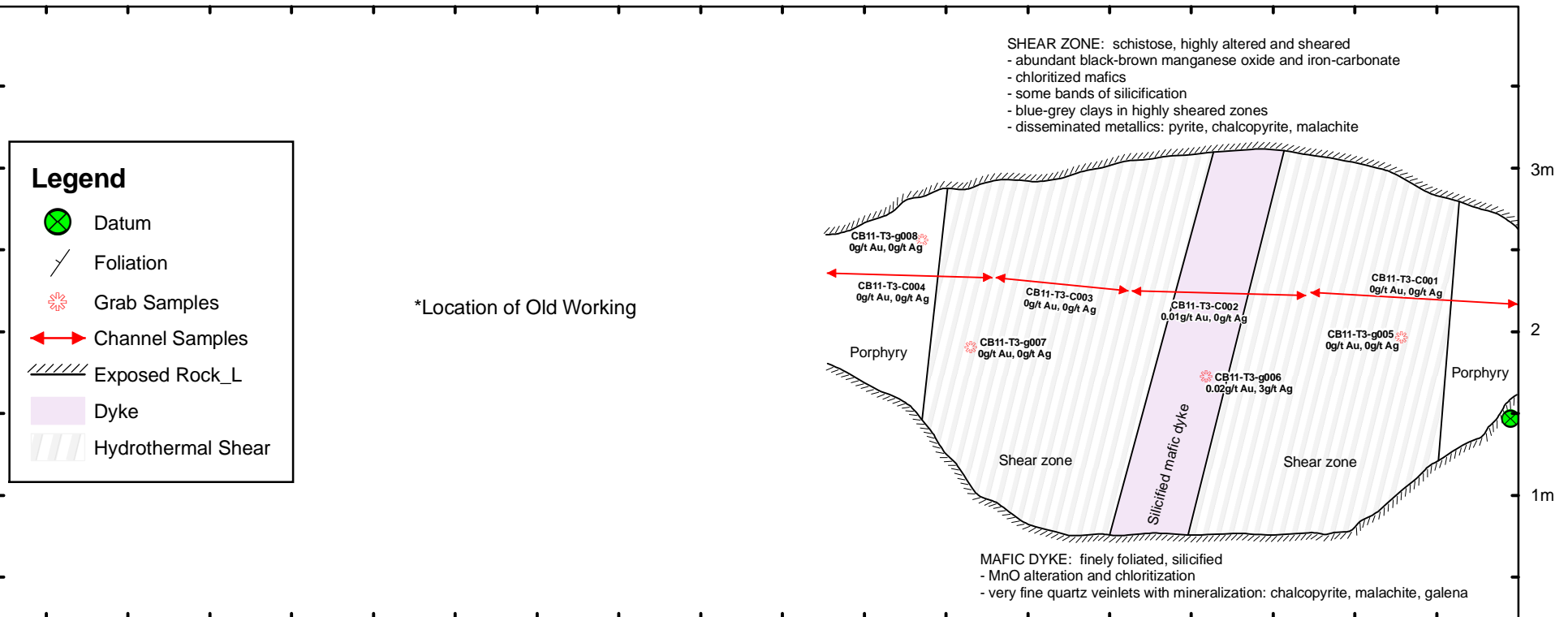


FIGURE 9

Trench Number: 4

Trench Azimuth: 220 deg

Date: October 23, 2011

DATUM: Easting: 479235 Northing: 5473824 Elevation: 1744m GPS Accuracy: +/- 6m

Trench Length: 18.2m

Total samples: 22

TRENCH LITHOLOGY
 Contact between Silver King Porphyry and altered meta-volcanics/sediments
 Metavolcanics/sediments: highly sericitized phyllites
 - light greenish with orange iron-carbonate alteration and speckled manganese
 - fractured/friable
 - stockwork quartz veining: white crystalline with mineralization
 - pyrite, bornite, malachite, chalcopyrite, galena
 Silver King Porphyry: sheared and altered at contact
 - sericitic plagioclase phenocrysts
 - bluish-grey to greenish color
 - pinkish sericitic alteration near sheared contact

West Wall and Floor of Trench

Trench was excavated upslope @ ~25 deg angle to observe section more closely perpendicular to foliation and contact

***** Chip and Channel samples taken @ 1m intervals true thickness, perpendicular to foliation**

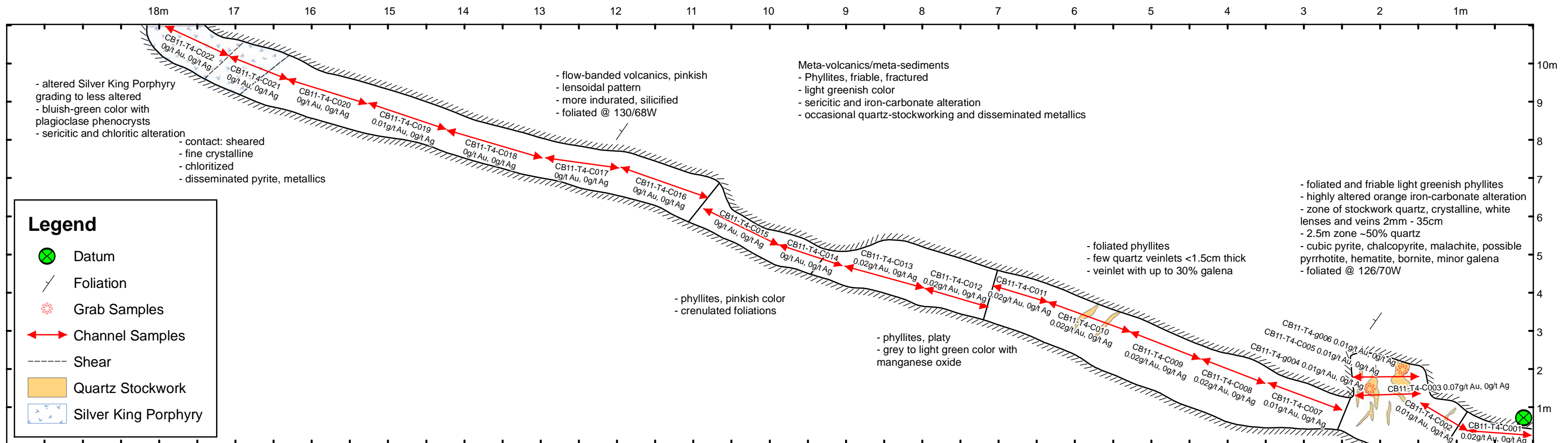


FIGURE 10

Trench Number: 5

Trench Azimuth: 205 deg

Date: October 24, 2011

DATUM: Easting: 479432 Northing: 5473675 Elevation: 1689m GPS Accuracy: +/- 5m

Trench Length: 26.4m

Total samples: 26

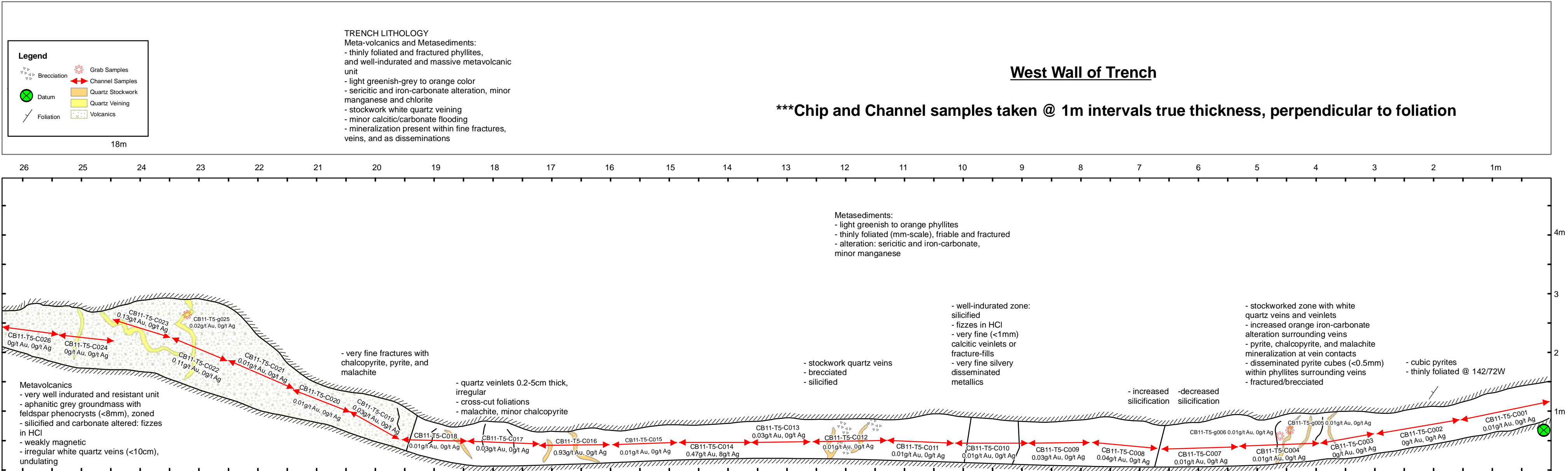


FIGURE 11

Trench Number: 6

Trench Azimuth: 215 deg

Trench Length: 5.6m

Date: October 24, 2011

DATUM: Easting: 479387 Northing: 5473714 Elevation: 1696m GPS Accuracy: +/- 6m

Total samples: 8

TRENCH LITHOLOGY
 Cariboo Quartz Vein within hydrothermally altered shear zone, meta-sediment host rock

Host rock:

- light greenish-grey-orange meta-sediments
- foliated, phyllitic
- highly altered: sericitic and iron-carbonate with black manganese-oxides, locally silicified and veined

Quartz Vein:

- bull quartz, white to greyish color
- crystalline
- mineralization: chalcopyrite, pyrite, malachite, galena

Floor of Trench

*****Chip and Channel samples taken @ 1m intervals true thickness, perpendicular to foliation**

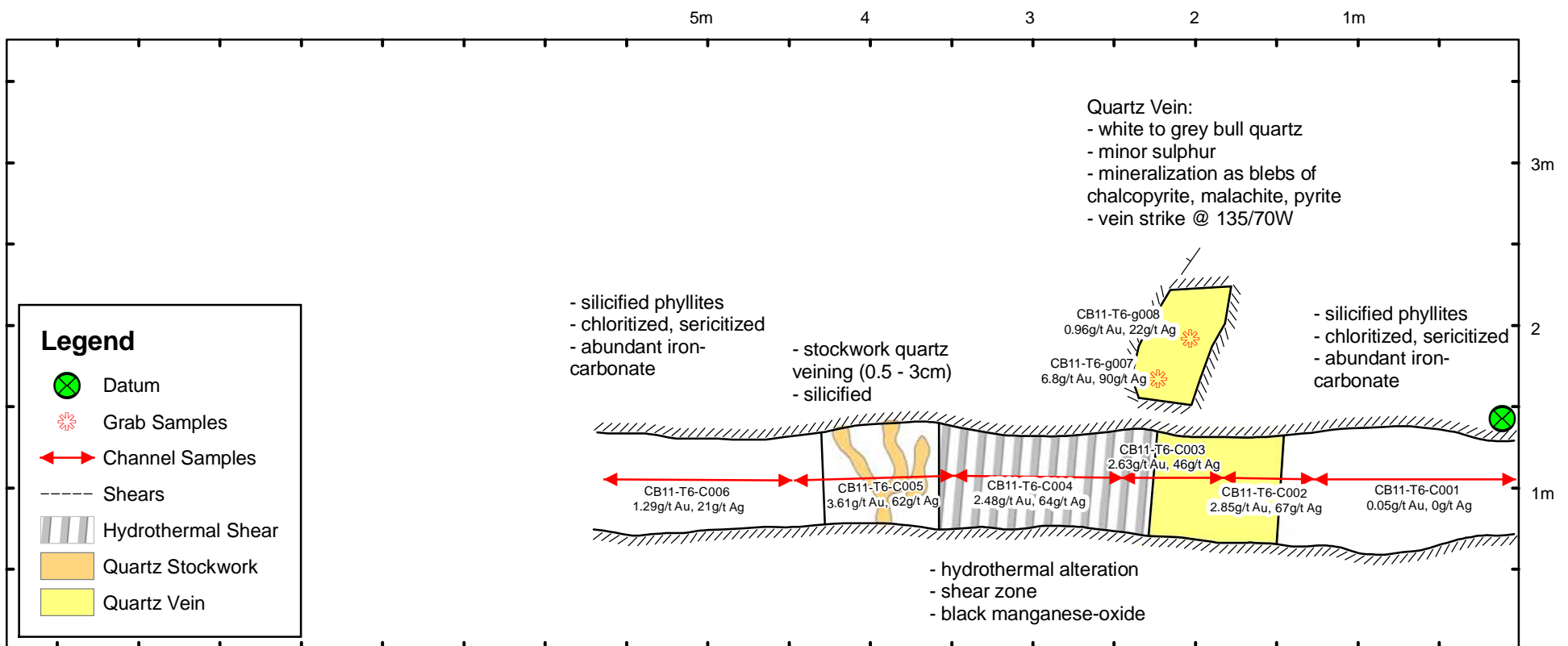
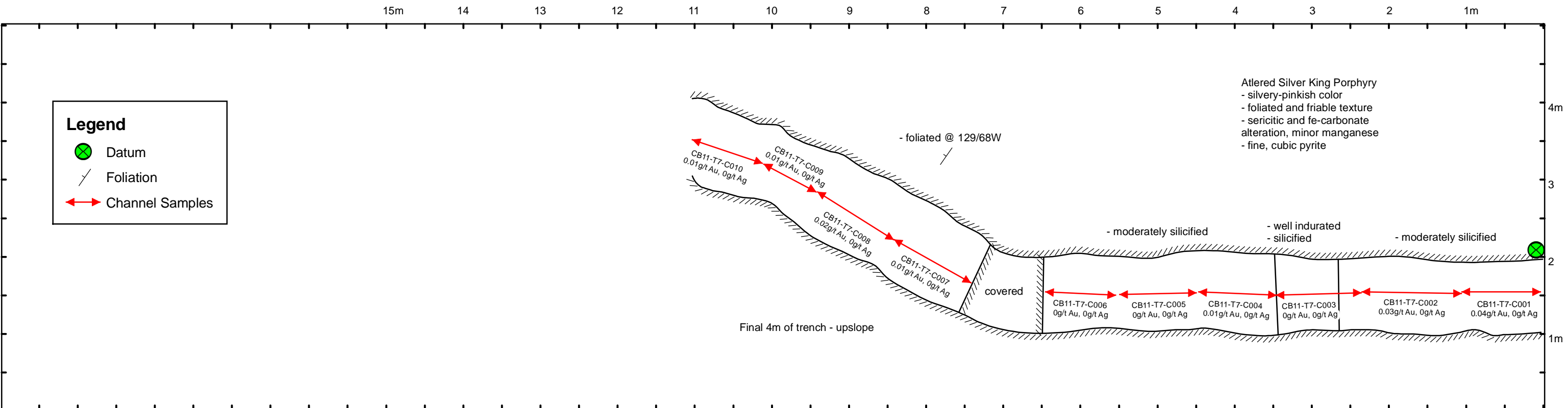


FIGURE 12 **Trench Number: 7** **Trench Azimuth: 210 deg** **Date: October 26, 2011**
DATUM: Easting: 478866 Northing: 5473935 Elevation: 1790m GPS Accuracy: +/- 5m **Trench Length: 11.2m** **Total samples: 10**

TRENCH LITHOLOGY
 Altered Silver King Porphyry
 - very friable and thinly foliated, not well consolidated
 - pinkish-silvery color with large, flattened phenocrysts to 1cm (sericitic) and rounded quartz crystals
 - sericitic and iron-carbonate alteration
 - minor black manganese oxides as speckles
 - few zones well-indurated and silicified

West Wall of Trench

*****Chip and Channel samples taken @ 1m intervals true thickness, perpendicular to foliation**



Legend

- Datum
- Foliation
- Channel Samples

FIGURE 13

Trench Number: 8

Trench Azimuth: 240 deg

Trench Length: 7m

Date: October 27, 2011

DATUM: Easting: 479345 Northing: 5473750 Elevation: 1718m GPS Accuracy: +/- 7m

Total samples: 7

TRENCH LITHOLOGY

Cariboo Quartz Vein within hydrothermally altered shear zone, meta-sediment host rock

Host rock:

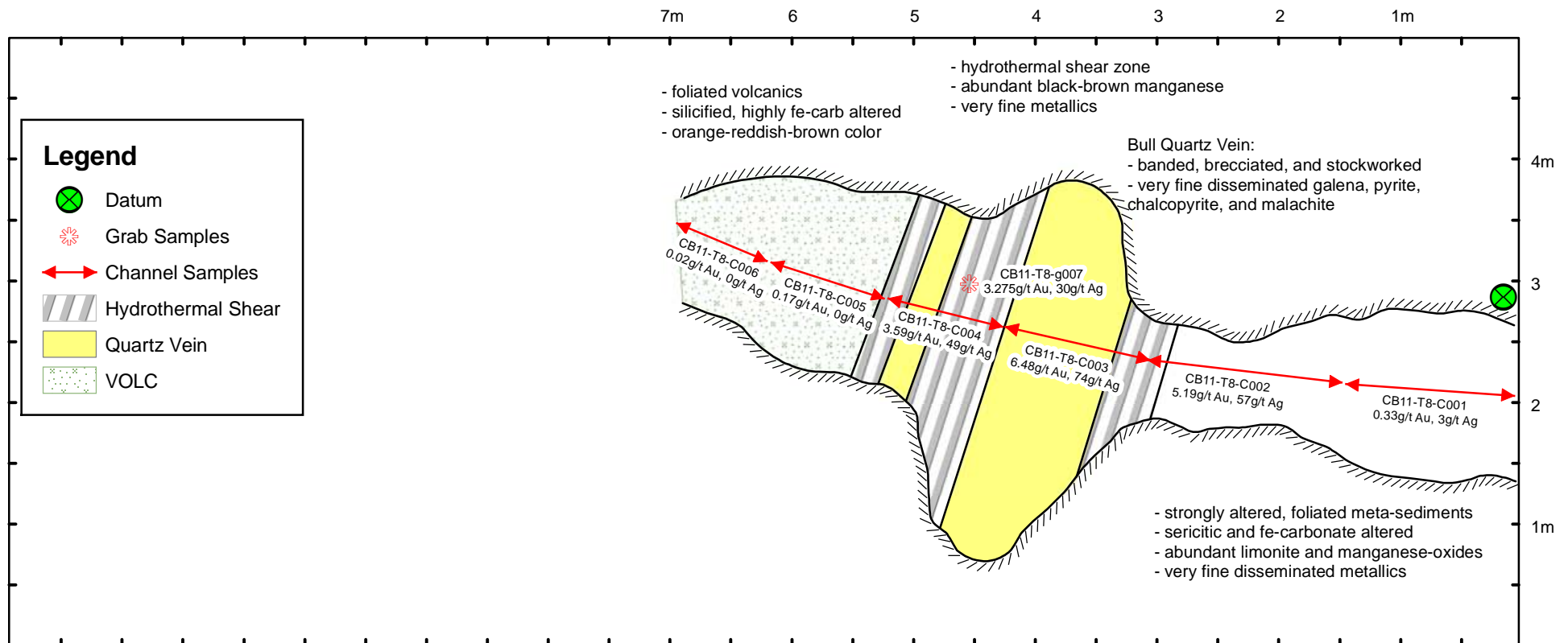
- bright orange to greenish-grey-orange altered meta-sediments and volcanics, foliated
- highly altered: sericitic and iron-carbonate with abundant black manganese-oxides, limonite
- locally silicified and veined, ~1cm thick
- very fine metallics disseminated throughout

Quartz Vein:

- bull quartz, white to greyish color
- crystalline, banded and brecciated
- later stage white quartz stockworking, some calcite
- manganese dendrites
- mineralization: chalcopyrite, pyrite, malachite, galena

Floor of Trench

*****Chip and Channel samples taken @ 1m intervals true thickness, perpendicular to foliation**



478500

479000

479500



5474200

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2011 CARIBOO TRENCHING PROGRAM
Figure 14 - Sample Result Map - Au (g/t)
1:5,000
22/12/2011

5473700

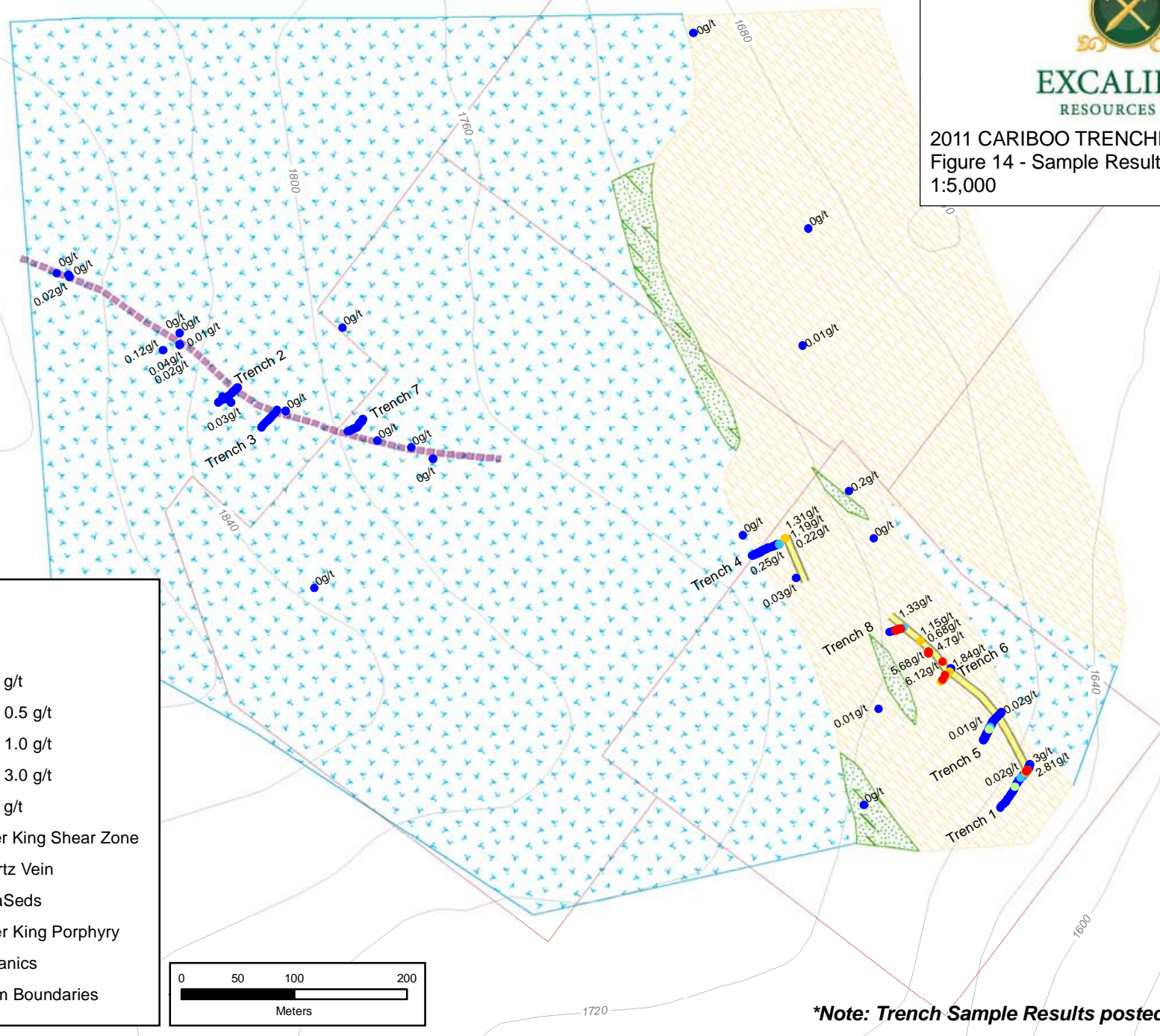
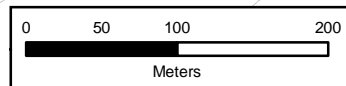
5473700

Legend

Au (g/t)

- <0.2 g/t
- 0.2 - 0.5 g/t
- 0.5 - 1.0 g/t
- 1.0 - 3.0 g/t
- >3.0 g/t

- Silver King Shear Zone
- Quartz Vein
- MetaSeds
- Silver King Porphyry
- Volcanics
- Claim Boundaries



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***Note: Trench Sample Results posted on Trench Maps**

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EXCALIBUR
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2011 CARIBOO TRENCHING PROGRAM
Figure 16 - Sample Result Map - Cu %
1:5,000
22/12/2011

5473700

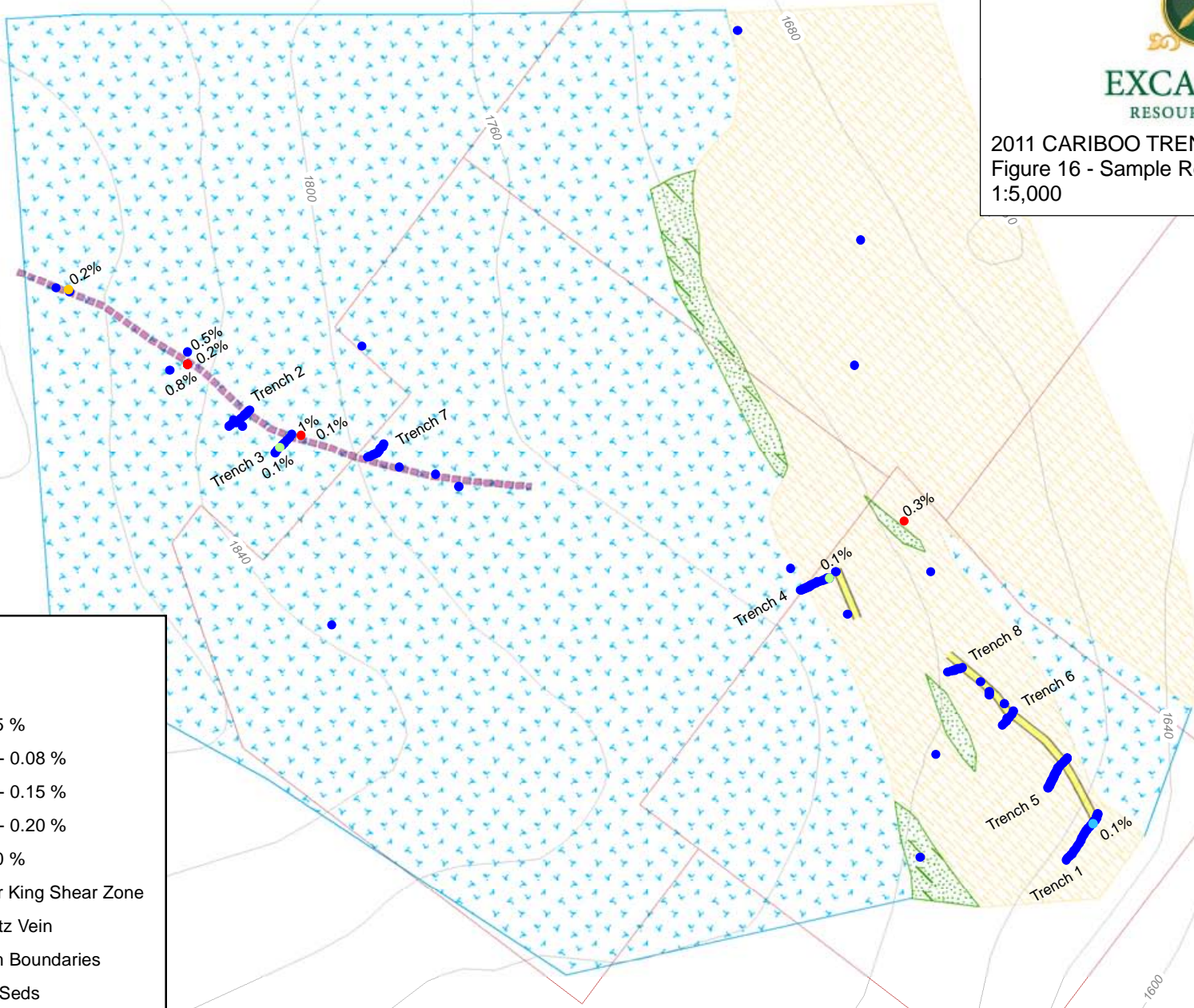
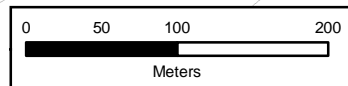
5473700

Legend

Cu (%)

- >0.05 %
- 0.05 - 0.08 %
- 0.08 - 0.15 %
- 0.15 - 0.20 %
- >0.20 %

- Silver King Shear Zone
- Quartz Vein
- Claim Boundaries
- MetaSeds
- Silver King Porphyry
- Volcanics



**Note: Posted sample value cutoff = 0.05% Cu*

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EXCALIBUR
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2011 CARIBOO TRENCHING PROGRAM
Figure 17 - Sample Result Map - Pb %
1:5,000
22/12/2011

5473700

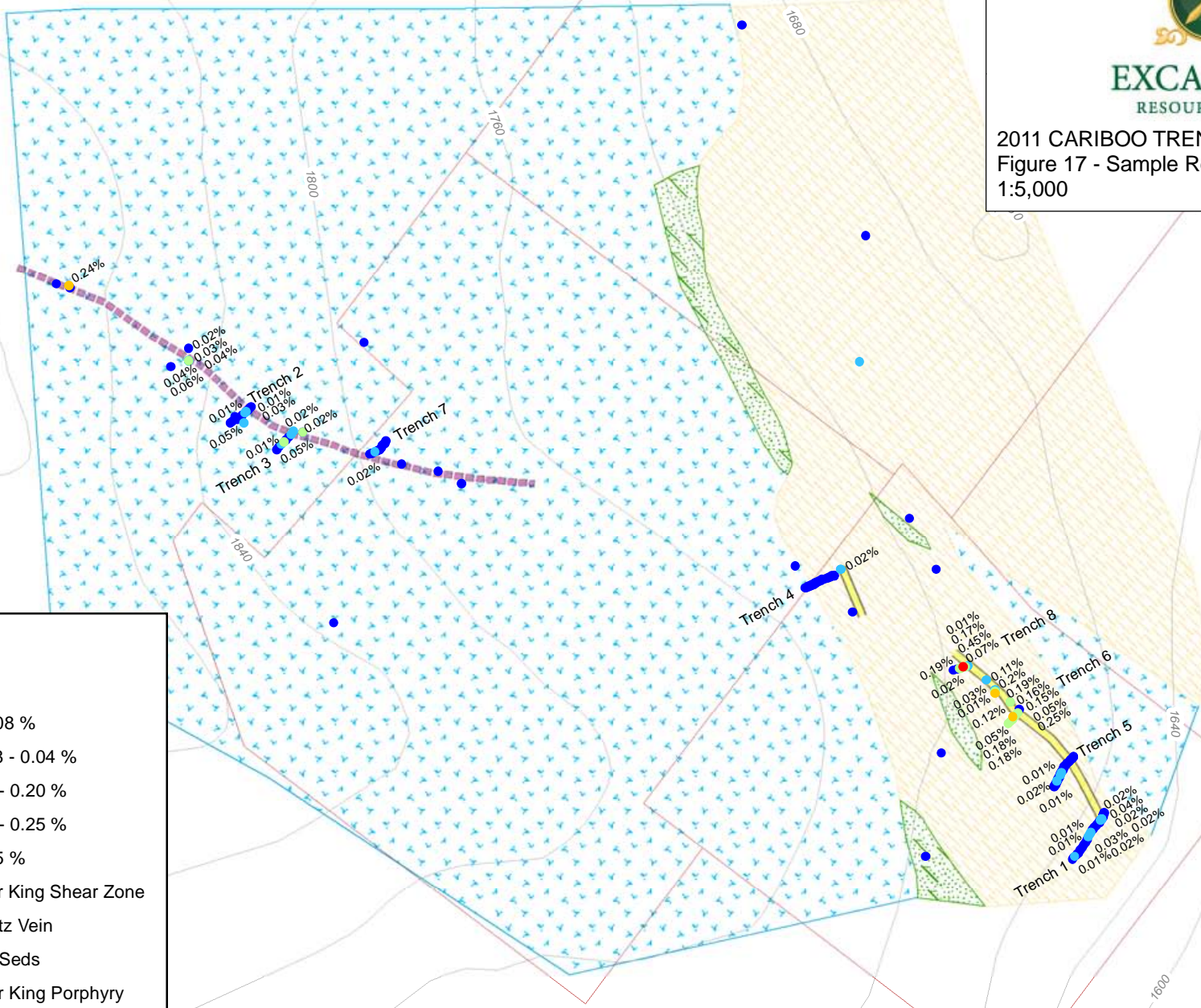
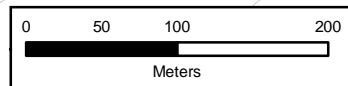
5473700

Legend

Pb (%)

- <0.008 %
- 0.008 - 0.04 %
- 0.04 - 0.20 %
- 0.20 - 0.25 %
- >0.25 %

- Silver King Shear Zone
- Quartz Vein
- MetaSeds
- Silver King Porphyry
- Volcanics
- Claim Boundaries



***Note: Posted sample value cutoff = 0.01% Pb**

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EXCALIBUR
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2011 CARIBOO TRENCHING PROGRAM
Figure 18 - Sample Result Map - Zn %
1:5,000
22/12/2011

5473700

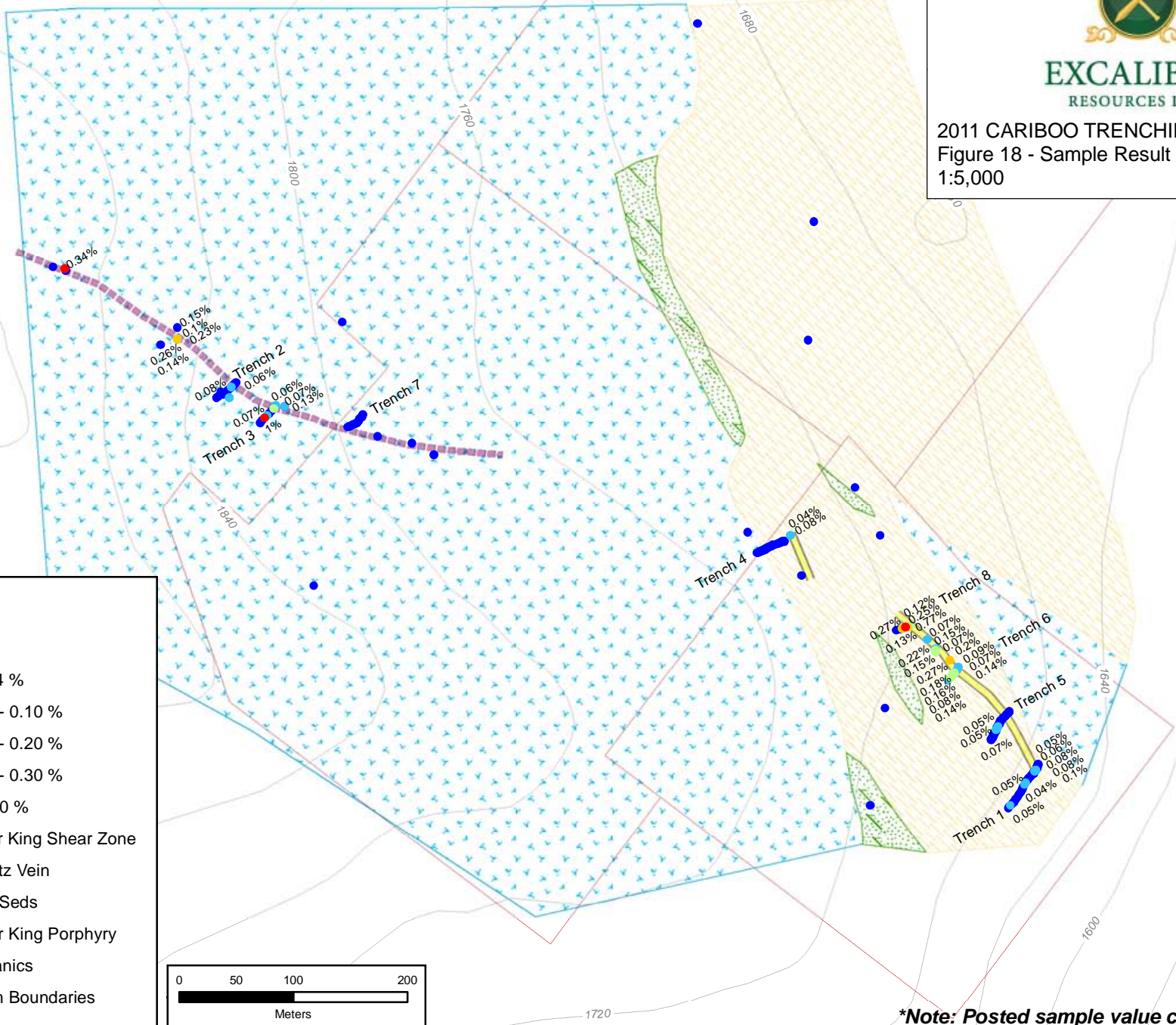
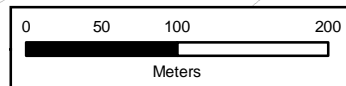
5473700

Legend

Zn (%)

- <0.04 %
- 0.04 - 0.10 %
- 0.10 - 0.20 %
- 0.20 - 0.30 %
- > 0.30 %

- Silver King Shear Zone
- Quartz Vein
- MetaSeds
- Silver King Porphyry
- Volcanics
- Claim Boundaries



***Note: Posted sample value cutoff = 0.04% Zn**

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Table 4. Sample Results

Sample No.	Type	Length (m)	Au (g/t)	Ag(g/t)	Cu (%)	Pb (%)	Zn (%)
CB11-g001	grab		0.00	0	0.002	0.001	0.005
CB11-g002	grab		0.02	10	0.175	0.239	0.343
CB11-g003	grab		0.00	0	0.000	0.003	0.020
CB11-g004	grab		0.00	0	0.008	0.001	0.011
CB11-g005	grab		0.01	0	0.005	0.008	0.034
CB11-g006	grab		0.20	3	0.340	0.001	0.007
CB11-g007	grab		0.00	0	0.023	0.001	0.005
CB11-g008	grab		0.00	4	0.109	0.054	0.074
CB11-g009	grab		0.03	9	1.000	0.001	0.005
CB11-g010	grab		0.00	0	0.002	0.002	0.009
CB11-g011	grab		0.00	0	0.012	0.015	0.097
CB11-C012	chip	0.5	0.01	4	0.049	0.063	0.233
CB11-g013	grab		0.00	0	0.008	0.011	0.025
CB11-g014	grab		0.00	0	0.001	0.002	0.017
CB11-g015	grab		0.02	19	0.832	0.036	0.142
CB11-g016	grab		0.12	18	0.477	0.039	0.258
CB11-g017	grab		0.04	44	0.250	0.027	0.151
CB11-g018	grab		2.81	15	0.006	0.017	0.055
CB11-g019	grab		3.00	13	0.007	0.023	0.060
CB11-g020	grab		0.02	0	0.012	0.000	0.004
CB11-T1-C001	chip	1	0.02	0	0.012	0.001	0.008
CB11-T1-g002	grab		0.01	0	0.006	0.000	0.003
CB11-T1-C003	chip	1	0.02	0	0.005	0.001	0.008
CB11-T1-C004	chip	1	0.02	0	0.018	0.001	0.014
CB11-T1-g005	grab		0.03	0	0.010	0.000	0.013
CB11-T1-C006	chip	1	0.02	0	0.016	0.001	0.009
CB11-T1-g007	grab		0.01	0	0.011	0.001	0.006
CB11-T1-C008	channel	1.05	0.69	0	0.006	0.004	0.028
CB11-T1-g009	grab		2.07	4	0.018	0.016	0.098
CB11-T1-C010	chip	1.15	4.48	15	0.014	0.016	0.077
CB11-T1-g011	grab		6.91	22	0.034	0.037	0.078
CB11-T1-C012	chip	1	2.98	4	0.025	0.005	0.021
CB11-T1-g013	grab		0.21	3	0.072	0.007	0.020
CB11-T1-C014	chip	1	0.04	0	0.011	0.001	0.009
CB11-T1-C015	chip	1	0.02	0	0.013	0.001	0.008
CB11-T1-C016	channel	1	0.00	0	0.012	0.003	0.009
CB11-T1-C017	channel	1	0.21	0	0.014	0.004	0.036
CB11-T1-C018	chip	1	0.09	0	0.008	0.005	0.021
CB11-T1-g019	grab		0.00	0	0.004	0.005	0.007
CB11-T1-C020	chip	1	0.15	0	0.011	0.027	0.047
CB11-T1-C021	chip	1	0.12	0	0.016	0.012	0.041
CB11-T1-g022	grab		0.64	4	0.034	0.012	0.030
CB11-T1-C023	channel	1	0.03	0	0.014	0.002	0.015
CB11-T1-C024	channel	1	0.00	0	0.012	0.001	0.010
CB11-T1-C025	channel	1	0.00	0	0.010	0.001	0.014
CB11-T1-C026	chip	1	0.02	0	0.009	0.001	0.008
CB11-T1-C027	chip	1	0.01	0	0.006	0.001	0.009
CB11-T1-C028	chip	1	0.18	0	0.028	0.002	0.009
CB11-T1-C029	chip	1	0.00	0	0.005	0.000	0.009
CB11-T1-C030	chip	1	0.01	0	0.008	0.001	0.009
CB11-T1-C031	channel	1	0.00	0	0.004	0.001	0.010
CB11-T1-C032	chip	1	0.01	0	0.014	0.005	0.039

Sample No.	Type	Length (m)	Au (g/t)	Ag(g/t)	Cu (%)	Pb (%)	Zn (%)
CB11-T1-C033	chip	1	0.01	0	0.028	0.012	0.054
CB11-T1-C034	chip	1	0.00	0	0.013	0.007	0.025
CB11-T1-C035	chip	1	0.01	0	0.013	0.007	0.017
CB11-T2-C001	channel	1	0.00	0	0.003	0.000	0.006
CB11-T2-C002	chip	1	0.00	0	0.005	0.001	0.005
CB11-T2-C003	channel	1	0.00	0	0.001	0.000	0.005
CB11-T2-C004	channel	1	0.00	0	0.011	0.007	0.040
CB11-T2-C005	channel	1	0.00	0	0.011	0.029	0.059
CB11-T2-C006	channel	1	0.00	0	0.025	0.011	0.037
CB11-T2-C007	channel	1	0.00	0	0.026	0.012	0.077
CB11-T2-C008	channel	1	0.00	0	0.008	0.002	0.006
CB11-T2-C009	channel	1	0.00	0	0.023	0.004	0.008
CB11-T2-C010	channel	1	0.00	0	0.007	0.003	0.009
CB11-T2-C011	channel	1	0.01	0	0.012	0.001	0.010
CB11-T2-C012	channel	1	0.00	0	0.016	0.001	0.020
CB11-T2-C013	channel	1	0.01	0	0.013	0.003	0.012
CB11-T2-C014	channel	1	0.00	0	0.003	0.001	0.008
CB11-T3-C001	chip	1	0.00	0	0.016	0.022	0.057
CB11-T3-C002	chip	1	0.01	0	0.024	0.019	0.131
CB11-T3-C003	chip	1	0.00	0	0.012	0.001	0.018
CB11-T3-C004	chip	1	0.00	0	0.012	0.006	0.007
CB11-T3-g005	grab		0.00	0	0.020	0.049	0.065
CB11-T3-g006	grab		0.02	3	0.120	0.013	1.000
CB11-T3-g007	grab		0.00	0	0.016	0.001	0.030
CB11-T3-g008	grab		0.00	0	0.004	0.004	0.005
CB11-T4-C001	chip	1	0.02	0	0.010	0.001	0.006
CB11-T4-C002	chip	0.7	0.01	0	0.003	0.000	0.005
CB11-T4-C003	chip	1	0.07	0	0.011	0.001	0.007
CB11-T4-g004	grab		0.01	0	0.007	0.001	0.005
CB11-T4-C005	chip	1	0.01	0	0.011	0.001	0.006
CB11-T4-g006	grab		0.01	0	0.002	0.000	0.003
CB11-T4-C007	chip	1	0.01	0	0.012	0.001	0.008
CB11-T4-C008	chip	1	0.02	0	0.014	0.002	0.012
CB11-T4-C009	chip	1	0.02	0	0.014	0.002	0.009
CB11-T4-C010	chip	1	0.02	0	0.018	0.002	0.007
CB11-T4-C011	chip	1	0.02	0	0.014	0.003	0.012
CB11-T4-C012	chip	1	0.02	0	0.011	0.002	0.012
CB11-T4-C013	chip	1	0.02	0	0.008	0.003	0.013
CB11-T4-C014	chip	1	0.00	0	0.005	0.001	0.008
CB11-T4-C015	chip	1	0.00	0	0.007	0.001	0.006
CB11-T4-C016	chip	1	0.00	0	0.005	0.001	0.006
CB11-T4-C017	chip	1	0.00	0	0.004	0.001	0.008
CB11-T4-C018	channel	1	0.00	0	0.003	0.001	0.006
CB11-T4-C019	chip	1	0.01	0	0.002	0.001	0.005
CB11-T4-C020	chip	1	0.00	0	0.002	0.001	0.005
CB11-T4-C021	channel	0.8	0.00	0	0.002	0.001	0.013
CB11-T4-C022	channel	0.8	0.00	0	0.003	0.001	0.012
CB11-g021	grab		0.25	0	0.012	0.001	0.004
CB11-g022	grab		0.22	5	0.115	0.000	0.002
CB11-g023	grab		1.19	7	0.007	0.009	0.041
CB11-g024	grab		1.31	19	0.009	0.019	0.075
CB11-C025	channel	0.55	1.84	16	0.037	0.117	0.273
CB11-C026	channel	0.55	1.15	18	0.020	0.030	0.195
CB11-C027	channel	0.6	6.12	53	0.033	0.177	0.216

Sample No.	Type	Length (m)	Au (g/t)	Ag(g/t)	Cu (%)	Pb (%)	Zn (%)
CB11-T5-C001	chip	1	0.01	0	0.003	0.001	0.012
CB11-T5-C002	chip	1	0.00	0	0.003	0.001	0.011
CB11-T5-C003	chip	1	0.00	0	0.007	0.001	0.006
CB11-T5-C004	chip	1	0.01	0	0.019	0.000	0.007
CB11-T5-g005	grab		0.01	0	0.049	0.000	0.004
CB11-T5-g006	grab		0.01	0	0.005	0.001	0.007
CB11-T5-C007	chip	1	0.01	0	0.015	0.001	0.009
CB11-T5-C008	chip	1	0.04	0	0.009	0.001	0.012
CB11-T5-C009	chip	1	0.03	0	0.006	0.006	0.028
CB11-T5-C010	chip	1	0.01	0	0.002	0.002	0.025
CB11-T5-C011	chip	1	0.01	0	0.002	0.001	0.027
CB11-T5-C012	channel	1	0.01	0	0.004	0.002	0.023
CB11-T5-C013	chip	1	0.03	0	0.006	0.004	0.025
CB11-T5-C014	chip	1	0.47	8	0.026	0.022	0.067
CB11-T5-C015	channel	1	0.01	0	0.003	0.003	0.034
CB11-T5-C016	channel	1	0.93	0	0.006	0.013	0.052
CB11-T5-C017	channel	1	0.03	0	0.009	0.002	0.050
CB11-T5-C018	channel	1	0.01	0	0.011	0.001	0.014
CB11-T5-C019	channel	1	0.03	0	0.010	0.001	0.008
CB11-T5-C020	channel	1	0.01	0	0.010	0.001	0.007
CB11-T5-C021	channel	1	0.01	0	0.005	0.011	0.020
CB11-T5-C022	channel	1	0.11	0	0.039	0.004	0.019
CB11-T5-C023	channel	1	0.13	0	0.012	0.003	0.034
CB11-T5-C024	channel	0.9	0.00	0	0.008	0.001	0.011
CB11-T5-g025	grab		0.02	0	0.010	0.006	0.022
CB11-T5-C026	channel	0.9	0.00	0	0.006	0.001	0.014
CB11-T6-C001	channel	1	0.05	0	0.010	0.003	0.065
CB11-T6-C002	channel	1	2.85	67	0.028	0.147	0.089
CB11-T6-C003	channel	1	2.63	46	0.033	0.187	0.143
CB11-T6-C004	channel	1	2.48	64	0.033	0.183	0.144
CB11-T6-C005	channel	1	3.61	62	0.027	0.156	0.157
CB11-T6-C006	channel	1	1.29	21	0.022	0.055	0.083
CB11-T6-g007	grab		6.80	90	0.003	0.247	0.183
CB11-T6-g008	grab		0.96	22	0.006	0.051	0.013
CB11-T7-C001	channel	1	0.04	0	0.002	0.002	0.005
CB11-T7-C002	channel	1	0.03	0	0.003	0.001	0.004
CB11-T7-C003	channel	1	0.00	0	0.001	0.001	0.004
CB11-T7-C004	channel	1	0.01	0	0.002	0.001	0.005
CB11-T7-C005	channel	1	0.00	0	0.001	0.001	0.004
CB11-T7-C006	channel	1	0.00	0	0.001	0.000	0.005
CB11-T7-C007	channel	1	0.01	0	0.002	0.001	0.005
CB11-T7-C008	channel	1	0.02	0	0.013	0.017	0.006
CB11-T7-C009	channel	1	0.01	0	0.003	0.006	0.005
CB11-T7-C010	channel	1	0.01	0	0.012	0.004	0.006
CB11-T8-C001	channel	1.1	0.33	3	0.036	0.014	0.115
CB11-T8-C002	channel	1	5.19	57	0.037	0.175	0.250
CB11-T8-C003	channel	0.8	6.48	74	0.011	0.452	0.770
CB11-T8-C004	channel	1	3.59	49	0.019	0.069	0.130
CB11-T8-C005	channel	1	0.17	0	0.011	0.005	0.036
CB11-T8-C006	channel	0.8	0.02	0	0.007	0.001	0.022
CB11-T8-g007	grab		3.28	30	0.034	0.190	0.272
CB11-g028	grab		0.01	0	0.002	0.001	0.005
CB11-g029	grab		0.02	0	0.022	0.001	0.004
CB11-C030	channel	0.7	0.68	4	0.018	0.013	0.075

Sample No.	Type	Length (m)	Au (g/t)	Ag(g/t)	Cu (%)	Pb (%)	Zn (%)
CB11-C031	channel	1	4.70	25	0.016	0.108	0.148
CB11-C032	channel	1	5.68	46	0.019	0.204	0.151
CB11-g033	grab		1.33	13	0.011	0.016	0.069
CB11-g034	grab		0.00	0	0.001	0.000	0.004
CB11-g035	grab		0.00	0	0.000	0.001	0.004
CB11-g036	grab		0.00	0	0.001	0.000	0.006
CB11-g037	grab		0.00	0	0.006	0.002	0.005
CB11-g038	grab		0.00	0	0.002	0.000	0.006
CB11-g039	grab		0.00	0	0.002	0.001	0.008
CB11-g040	grab		0.03	0	0.009	0.001	0.009
CB11-g041	grab		0.01	0	0.001	0.001	0.003
CB11-g042	grab		0.00	0	0.002	0.001	0.014
CB11-g043	grab		0.00	0	0.007	0.001	0.012

12.0 QA/QC

In total, fifteen (15) external QAQC samples were inserted randomly into the sample chain and sent to Acme Laboratories for analysis. Eight (8) precious metal standard samples were included using fire assay reference material from CDN Resource Laboratories Ltd. Given the lower grade nature of the gold (all samples tested <7g/t Au), CDN-FCM-6 was used, with a certified value for Au of 2.15g/t +/- 0.15g/t, and Ag of 156.8g/t +/- 7.9g/t (the reference material certificate is included in Appendix V).

All analyses came back within the accepted values within 2 standard deviations except for one, and the entire batch of sample with this 'failed' standard was re-analyzed. On re-analysis, the QAQC standard returned values that were within 2 standard deviations of the accepted values. Results from the external precious metal standards are included in the table below:

Table 4. QAQC Standards

Sample No.	Au (g/t)	Ag (g/t)
CB11-G007S	2.15	170
CB11-G041S	2.07	169
CB11-T1-C003S	2.11	165
CB11-T1-C020S	2.11	171
CB11-T2-C010S	2.18	177
CB11-T3-G008S	2.18	173
CB11-T5-G005S	2.19	157
CB11-T8-C003S	2.24	165

Seven (7) blanks consisting of silica sand were inserted randomly into the sample chain and sent to Acme Laboratories for analysis, and all tested within accepted values. The results are included in the table below:

Table 5. QAQC Blanks

Sample No.	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)	Zn (ppm)
CB11-C030B	0	0	4.7	0.8	1
CB11-G013B	0	0	4.1	1.3	9
CB11-T1-C015B	0	0	1.4	0.4	0
CB11-T1-C029B	0	0	1.2	0.9	0
CB11-T4-C005B	0	0	3.8	0.5	1
CB11-T4-C022B	0	0	1.5	0.4	0
CB11-T6-C005B	0.01	0	3.2	2.4	3

Acme Analytical laboratory is also registered with ISO 9001:2000 accreditation, and follows a series of guidelines for the global standardization of Quality Assurance for products and services. As a standard routine procedure, Acme Laboratories also included their own internal QAQC samples for internal quality control purposes during testing. A variety of standards and blanks were inserted, and several duplicates and re-splits were also included. The results of these samples are found with the full assay results in Appendix V.

13.0 DISCUSSION

Mapping, trenching, and sampling on the Cariboo property between the Grizzly adit and the Cariboo adit revealed changes in lithology over the property, and variability in mineralization. The Silver King shear zone is a larger zone that is comprised of several smaller-scale shears that are both discontinuous along strike, and variable in thickness. At the historic Silver King mine, polymetallic veining, brecciation, and hydrothermal alteration occurs the competent rocks of the Elise Formation volcanics. Several mineralized veins occur on this property over a zone that extends in width to approximately 100 meters. The zone is bounded to the east by the Silver King Porphyry, and the historic Grizzly adit tunnels into a thinner hydrothermal shear zone hosted in this intrusion. Similar to the polymetallic vein system of the Silver King mine; copper, lead, zinc, and silver mineralization occur within a hydrothermally brecciated shear zone at the Grizzly adit, though the mineralized shear here is only approximately 5 meters in width. Other historic workings were located up to 400 meters downslope and to the southeast of this adit, but most workings encountered unmineralized rocks, or weakly mineralized thin shear zones up to 0.5 meters in thickness. Sampling within trenches 2, 3, and 7 showed only thin zones mineralized with copper, silver, lead, and zinc.

The shear zone from the Grizzly adit was difficult to follow and locate within the thickly overgrown brush on the property, and the cliff bands of the Silver King Porphyry unit. Further to the southeast, and along strike, the sheared contact between the Silver King Porphyry and the Hall Formation metasediments was located. Trench 4 intersected mineralized quartz stockworking and strong iron-carbonate (siderite and ankerite) alteration. Within the less competent Hall metasediments, the expression of shear zones did not display the brittle fracturing characteristics noted at the Grizzly adit, but rather were displayed as undulating and irregular zones of shearing, veining, and alteration. It is unsure whether the quartz stockworking located in trench 4 is related to the Silver King shear zone, related to a different hydrothermal event, and/or characteristic of episodic alteration and mineralization of the Hall metasediments themselves. Smaller-scale quartz stockworking was seen throughout the map area within the metasediments. Low grade gold, silver, copper, lead and zinc mineralization occurred in a few samples at this location (of trench 4), and thin veins and vug-fills of chalcopyrite and galena were seen.

Trenches 1, 5, 6, and 8 intersected the main Cariboo quartz vein and displayed elevated gold, silver, copper, lead and zinc values. The vein is up to 80cm thick, and is located in a sheared zone with abundant hydrothermal manganese and iron-carbonate alteration. The surrounding rock is strongly altered, with pervasive silicification in some areas. In the historic drill log from DDH CB-01, an 'andesite' is mentioned, and it is possible that an intrusive is also associated with this shear zone at depth. This Cariboo quartz vein is continuously mineralized along a strike length of approximately 200m, where it either pinches out or is sheared off, directly to the northwest of trench 8.

Based on the 2011 mapping and trenching program, it is difficult to determine whether the Cariboo zone is related to the Silver King shear structures, however the structure is along the same strike, is within the crest of the Hall Creek syncline, and does have a similar orientation to the Silver King veining and shear structures. It also displays similar characteristics and mineralization to a polymetallic vein system as outlined by Lefebvre and Church (2005) that was discussed earlier, and though the host rock lithologies differ, the alteration assemblages found are similar. Though these structures may be related, the Cariboo showing displays higher gold values, a bull quartz vein, abundant irregular quartz stockworking, and iron-carbonate alteration present throughout the area. It is possible that the shear-hosted Cariboo vein represents a different, and episodic, hydrothermal event along a reactivation of one of the deep Silver King shear structures. Within the less competent lithology of the Hall formation, it is also possible that several other smaller-scale mineralized shears also exist in the vicinity, or that mineralization presents itself as low-grade disseminations throughout the Hall metasediment unit itself. The sheared contact zones between the Silver King Porphyritic units and the Hall formation also exhibit disseminated pyrite, sulphides, and metallics, and may also be a potential target for exploration.

14.0 RECOMMENDATIONS

Trenching on the Cariboo property indicated that gold, silver, copper, lead, and zinc mineralization does exist related to the Cariboo quartz veining, with consistent gold mineralization along a strike length of at least 200m. The geometry and characteristic at depth of this zone remains unknown, and the relationship between the Cariboo showing and the Silver King structures is still uncertain. The extent of mineralization at the Grizzly adit is also poorly understood. As the structures in the area over the Silver King mine, the Grizzly adit, and the Cariboo showing are all related, the following is recommended:

Phase I

- Data compilation of all previous work on these properties, with the inclusion of all historic drilling conducted on the Silver King property, subsurface correlations, mapping, and 3D modeling of the Silver King shear zone system and its known extents
- Further detailed surface mapping of the Cariboo property to determine lithologic contacts, and geometries of the structures

Phase II

- Drilling at the Cariboo showing to determine the extension and characteristic of the Cariboo quartz veining at depth, and at the northwestern contact with the Silver King Porphyry zone
- Further drilling on the southeastern portion of the Silver King, and towards the Grizzly adit to determine down hole geometries of mineralized zones and structures
- Drilling at the Silver King to evaluate the potential deep target as mentioned in the Technical report written by Dandy (2011), with elevated gold values, and a potential relationship to the Cariboo vein system

Further detailed description of recommendations and budget can be found within the 2011 Technical report.

15.0 REFERENCES

- AYLWARD, P.S.** 1983; Silver King Property: Drilling, Trenching and Compilation of Previous Work: BC Ministry of Mines Assessment Report No. 12611.
- DANDY, L.**, 2003; Geological, Geochemical and Drilling Report on the Kena Property: BC Ministry of Mines Assessment Report No. 27240.
- DANDY, L.**, 2001; Geological, Geological, Geochemical and Drilling Report on the Kena Property: BC Ministry of Mines Assessment Report No. 26875.
- GIROUX, G.H., and DANDY, L.**, 2004; Preliminary Resource Calculations for Gold Mountain and Kena Gold Zones, Kena Property, BC: NI 43-101 Technical Report.
- HOY, T. and ANDREW, K.** 1989a; Geology of the Nelson Map Area, Southeastern BC: BC Ministry of Mines, Geological Survey Branch, Open File 1989-11.
- HOY, T. and ANDREW, K.** 1989b; The Rosslund Group, Nelson Map Area, Southeastern BC: Ministry of Energy and Mines, Fieldwork 1988.
- JONES, B., MUMIN, H. and KLEIN, C.**, 2008; Microprobe Analysis of a Cu-Ag-Au rick sample from the Silver King Mine, British Columbia: Brandon University.
- KLEIN, C.**, 2008; Mineralogy and Petrography of the Silver King Shear Zone, Nelson, British Columbia: Master's Thesis, Brandon University.
- LEFEBURE, D.V. and CHURCH, B. N.**, 1996; Selected British Columbia Mineral Deposit Profiles, Volume 2- Metallic Deposits: BC Ministry of Mines OF 1996-13, Section I05 Polymetallic Veins.
- LONGE, R.**, 1998; Silver King Mineral Property - History, Mineral Potential and Proposed Exploration Program: Unpublished Report for Amulet Resources Ltd.
- MCMILLAN, R.H.**, 2000; Silver King Mine Property; Soil Geochemistry Survey and Property Examination, prepared for Silver King Mine Ltd.: BC Ministry of Mines Assessment Report No. 26356.
- MINFILE** 1991; 082FSW176 Silver King (L.141), Dandy (L.231), Ollie (L.412), King, F.W., D50, D45, Iroquois, Kohinoor, Kootenay Bonanza: BC Geological Survey Branch.
- MUMIN, H., 2009**; Technical Report on the Fall 2009 Drilling, Silver King Mine Property: Unpublished Report for Excalibur Resources Ltd.
- MUMIN, H., 2007**; Exploration and Development of the Former Silver King Mine Property, Nelson British Columbia Canada: Unpublished Report, Brandon University.
- OLIVER, J.E.**, 2009; Structural - Lithologic Controls on Gold-Copper Mineralization: Kena Project Salmo, British Columbia with Recommendations for Exploration: Report for Sultan Minerals Inc.
- WHITE, G.E.**, 1973; Geophysical, Geochemical Report – Sproatt Silver Mines Ltd.: BC Assessment Report 04701.

Appendix I – Statement of Qualifications

I, Fiona Katay, hereby certify that:

1. I am an independent consulting geologist with an office at 247, 304th Avenue, Kimberley, British Columbia, V1A3G6.
2. I am a graduate of the University of Calgary with a Bachelor of Science degree in Geology (1999).
3. I have been a member of the Association of Professional Engineers, Geologists, and Geophysicists of Alberta since 2001.
4. I have continuously practiced my profession in Western Canada since 1999, having worked as an employee and consultant for both major and junior resource companies.
5. I was the Project Manager, and on site for the trenching and sampling field program conducted at the Cariboo property in October, 2011.
6. I am responsible for the preparation of all sections, figures, and tables in this Technical Report entitled "Assessment Report: 2011 Trenching Program – Cariboo and Silver King Properties", prepared for Excalibur Resources Ltd.
7. In the disclosure of information relating to title of the optioned claims, I have relied on the information provided to me by Excalibur Resources Ltd, and disclaim responsibility for this information.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Fiona M. Katay', written over a horizontal line.

Fiona M. Katay, BSc, P.Geol

January 3, 2012

Appendix II – Statement of Expenditures

2011 Cariboo Trenching Expenditures

Personnel (Name) / Position	Field Days	Days	Rate	Total
Fiona Katay, Project Manager / Geological Consultant	October 15 - 31	17	\$500	\$8,500.00
CTF Contracting, Field Technician - sampling	October 19-21, 23, 25-28	8	\$200	\$1,600.00
MAC Contracting, Field Technician - sampling	October 19-21, 26-28	6	\$200	\$1,200.00
MAC Contracting, Field Labour - construction	Oct 7-10, 15-16	6	\$200	\$1,200.00
Office Studies	Personnel	Days	Rate	Total
Project Planning	Linda Dandy, QP	0.5	\$800	\$400.00
Project Planning	Fiona Katay, Geologist	1	\$500	\$500.00
Data Compilation and Reporting	Fiona Katay, Geologist	17	\$500	\$8,500.00
Office Costs - GIS/drafting				\$400.00
Geochemical Sampling	No. Samples	Total		
Acme Labs - Rock Assay/Geochem	188	\$8,549.08		
Transportation				Total
Truck rental, 4x4, <i>incl. fuel</i>	Oct 15-31, 2011	15	\$125	\$3,325.00
Mileage		820km	\$0.52	\$426.40
Quad rental				\$2,125.00
Equipment Rental				Total
Excavator rental (<i>incl.labour</i>) -SilverKing Contracting	Oct 7-29, 2011			\$11,955.00
Lowbed rental				\$416.72
Channel saw				\$900.00
Field Equipment		15	\$35	\$675.00
Radios				\$300.00
Computer/printer				\$600.00
First Aid Kit				\$50.00
Supplies and Materials				Total
Consumables				\$977.67
Shipping	Shipments	Total		
Rock Samples	5	\$283.02		
Accomodation & Food				Total
Hotel	Oct 15-30, 2011	16		\$1,207.68
Meals	Oct 15-31, 2011	17	\$51	\$867.00
Timber - Stumpage Fees				Total
				\$376.80
Total Expenditures				\$55,334.37

Total Value of Work claimed for event # 5191854 on Mineral Claims

Total applied for work \$12,896.94

Credited PAC \$31,547.16

TOTAL \$44,444.10

Appendix III – Mapping Station Locations and Geological Descriptions

Station No.	Sample No.	Easting	Northing	Elevation (m)	Map Unit	Rock Type	Alteration	Mineralization	Min Style	Comments
1		479340	5473713	1714	VOLC	Flow-banded Volcanics	Ser-Chl	pyr	disseminated	Location of DDH CB-01: oriented 054/46E, altered phyllites and volcanics with lensoidal flow-banding.
2		479365	5473736	1716	VEIN	Quartz	MnO-FeCarb-Qtz	pyr	disseminated	Bull qtz vein, 20-40cm, old shaft/digging, host rock sheared/altered, extension of Cariboo showing. Vein: crystalline, grey qtz with FeO, MnO, oxidized pyrite cubes to 3mm, v.fine silvery metallics, tensional veins: secondary white quartz
3		476384	5473708	1707	VEIN	Quartz	MnO-FeCarb-Qtz	pyr	disseminated	Two bull qtz veins, 40-70cm, secondary qtz stockwork, oxidized cubic pyrite to 2mm, fine sulphides at contact with host rock
4	CB11-g018	479455	5473624	1669	VEIN	Quartz	MnO-FeCarb-Qtz	pyr-cpy-malachite-bo gln	disseminated to blebby	Location of Cariboo showing: bull quartz vein within shear zone, banded layers in gouge of sandy dark brown MnO, Fe-oxides, host rock highly sericitized pyritic phyllites with FeCarb alteration and mm-cm qtz stockworking, non-magnetic
4	CB11-g019	479455	5473624	1669	VEIN	Quartz	MnO-FeCarb-Qtz	pyr-cpy-malachite-bo gln	disseminated to blebby	Location of Cariboo showing: bull quartz vein within shear zone, banded layers in gouge of sandy dark brown MnO, Fe-oxides, host rock highly sericitized pyritic phyllites with FeCarb alteration and mm-cm qtz stockworking, non-magnetic
4	CB11-g020	479455	5473624	1669	VEIN	Quartz	MnO-FeCarb-Qtz	pyr-cpy-malachite-bo gln	disseminated to blebby	Location of Cariboo showing: bull quartz vein within shear zone, banded layers in gouge of sandy dark brown MnO, Fe-oxides, host rock highly sericitized pyritic phyllites with FeCarb alteration and mm-cm qtz stockworking, non-magnetic
5		479457	5473653	1693	SKP	Diorite	Chl			Silver King Porphyry, massive outcrop, mafics chloritized
6		479430	5473649	1699	INTRSV	Andesite	Si-Chl-Carb-FeO	pyr-cpy-sulph	fractures	Very resistant unit, silicified, carbonate (fizzes in acid), zoned phenocrysts, in trench #5
7		479445	5473602	1669	MSEDS	Phyllites	Ser-FeCarb-Chl-MnO			Phyllites more sericitic adjacent to shear zone, becoming more chloritic away from it
8		479489	5473612	1676	MSEDS	Phyllites				Contact between the Silver King Porphyry and the Phyllites
10		479412	5473739	1696	MSEDS	Phyllites				Road follows contact between Silver King Porphyry and Phyllites
11		479343	5473749	1716	VEIN	Quartz	MnO-FeCarb-Qtz			Bull qtz vein, 35cm, extension of Cariboo vein. Pinches out/disappears just to northwest of point.

Station No.	Sample No.	Easting	Northing	Elevation (m)	Map Unit	Rock Type	Alteration	Mineralization	Min Style	Comments
12		479303	5473860	1710	VOLC	Foliated Volcanics	Ser-Chl	pyr	disseminated	Lensoidal flow-banding in metavolcanics, chloritized, plagioclase phenocrysts with Fe-stain, white-quartz with FeCarb stockworking: irregular to 1cm, cubic pyrite mould casts, some pyrite and v.fine metallics
13		479245	5474050	1689	MSEDS	Phyllites	Ser-FeCarb-bleached	pyr	disseminated	Very friable, bleached, sericitized, and Fe altered
14		479284	5473792	1719	MSEDS	Phyllites	Ser-FeCarb-Chl			Foliated phyllites within road cut along slope
15		479222	5473822	1743	MSEDS	Phyllites	Ser-FeCarb-Chl-MnO	pyr-gln-cpy-malachite	disseminated	Foliated phyllites, strongly altered: bleached and FeCarb, stockwork white quartz veining with disseminated metallics
16	CB11-g039	479209	5473827	1746	SKP	Diorite	Ser-FeCarb-bleached-Chl	pyr	disseminated	Contact ~4m wide, SKP highly altered and friable, plag xls sericitized centres
17		478846	5473972	1798	SKP	Diorite	Chl			Massive outcrop of Silver King Porphyry, mafics (hbl) weakly chloritized
18	CB11-g008	478798	5473942	1798	HYDR	Diorite	MnO-FeCarb-Hem-Si	cpy-pyr-malachite-sulph	disseminated	Grey metallic manganese, hydrothermal shear zone with minor disseminated metallics in old working, shear zone (~70cm)
18	CB11-g009	478798	5473942	1798	HYDR	Diorite	MnO-FeCarb-Hem-Si	cpy-pyr-malachite-sulph	disseminated	Grey metallic manganese, hydrothermal shear zone with minor disseminated metallics in old working, shear zone (~70cm)
19		478797	5473902	1788	SKP	Diorite	Ser-Chl-FeCarb			Partially altered porphyry, plag xls, chloritized hornblende amphibole mafics
20	CB11-g037	478879	5473916	1794	HYDR	Diorite	Ser-Chl-FeCarb	pyr-cpy	disseminated	Old working - trench through shear zone (~30cm) with minor hydrothermal brecciation: MnO, FeCarb, host rock: altered Silver King Porphyry
21		478923	5473922	1798	SKP	Diorite	Ser-Chl-FeCarb	pyr-sulph	disseminated	Altered and foliated Silver King Porphyry in road cut, few v. fine silvery sulphides
22	CB11-g035	478909	5473910	1775	HYDR	Diorite	FeCarb-MnO	pyr-sulph	disseminated	~50cm wide shear zone with abundant iron staining, host rock: Silver King Porphyry, grey to partially altered, oxidized cubic pyrite xls to 1.5mm, few thin qtz veinlets along fractures with minor silvery sulphides
23	CB11-g036	478928	5473900	1784	SKP	Diorite	Chl	pyr	disseminated	Working into unaltered, massive Silver King Porphyry, partially altered near entrance (pinkish and foliated)
24		478857	473771	1834	SKP	Diorite	Chl	pyr	disseminated	Cliff bands of massive, west-dipping SKP, cubic pyrite xls to 3mm encrusted by gold-colored metallic (cpy?)
25		478836	5473705	1863	SKP	Diorite	Chl			End of soil line (orientation 210deg), on top of ridge

Station No.	Sample No.	Easting	Northing	Elevation (m)	Map Unit	Rock Type	Alteration	Mineralization	Min Style	Comments
26	CB11-g011	478704	5474001	1832	HYDR	Breccia	MnO-FeCarb	cpy-gln-bn-pyr-malachite-azurite	veined/brecciated	Grizzly adit and waste dump, mineralized breccia and altered SKP in dump, previous sampling done (21564,21563,21565,KK10)
26	CB11-C012	478704	5474001	1832	HYDR	Breccia	MnO-FeCarb	cpy-gln-bn-pyr-malachite-azurite	veined/brecciated	Grizzly adit and waste dump, mineralized breccia and altered SKP in dump, previous sampling done (21564,21563,21565,KK10)
26	CB11-g013	478704	5474001	1832	HYDR	Breccia	MnO-FeCarb	cpy-gln-bn-pyr-malachite-azurite	veined/brecciated	Grizzly adit and waste dump, mineralized breccia and altered SKP in dump, previous sampling done (21564,21563,21565,KK10)
26	CB11-g014	478704	5474001	1832	HYDR	Breccia	MnO-FeCarb	cpy-gln-bn-pyr-malachite-azurite	veined/brecciated	Grizzly adit and waste dump, mineralized breccia and altered SKP in dump, previous sampling done (21564,21563,21565,KK10)
26	CB11-g015	478704	5474001	1832	HYDR	Breccia	MnO-FeCarb	cpy-gln-bn-pyr-malachite-azurite	veined/brecciated	Grizzly adit and waste dump, mineralized breccia and altered SKP in dump, previous sampling done (21564,21563,21565,KK10)
26	CB11-g016	478704	5474001	1832	HYDR	Breccia	MnO-FeCarb	cpy-gln-bn-pyr-malachite-azurite	veined/brecciated	Grizzly adit and waste dump, mineralized breccia and altered SKP in dump, previous sampling done (21564,21563,21565,KK10)
26	CB11-g017	478704	5474001	1832	HYDR	Breccia	MnO-FeCarb	cpy-gln-bn-pyr-malachite-azurite	veined/brecciated	Grizzly adit and waste dump, mineralized breccia and altered SKP in dump, previous sampling done (21564,21563,21565,KK10)
27		478327	5474022	1871						Grid Base Line: BL175 E, oriented 120deg
28	CB11-g001	478605	5474063	1895	HYDR	Breccia	MnO-FeCarb-Chl	pyr-bn-cpy-malachite	disseminated	Surface location of shear zone (~3m wide) on slope above Grizzly adit, zone of alteration (~2-3m) in surrounding Silver King Porphyry adjacent to shear zone: foliated, pinkish altered
28	CB11-g002	478605	5474063	1895	HYDR	Breccia	MnO-FeCarb-Chl	pyr-bn-cpy-malachite	disseminated	Surface location of shear zone (~3m wide) on slope above Grizzly adit, zone of alteration (~2-3m) in surrounding Silver King Porphyry adjacent to shear zone: foliated, pinkish altered

Station No.	Sample No.	Easting	Northing	Elevation (m)	Map Unit	Rock Type	Alteration	Mineralization	Min Style	Comments
28	CB11-g003	478605	5474063	1895	HYDR	Breccia	MnO-FeCarb-Chl	pyr-bn-cpy-malachite	disseminated	Surface location of shear zone (~3m wide) on slope above Grizzly adit, zone of alteration (~2-3m) in surrounding Silver King Porphyry adjacent to shear zone: foliated, pinkish altered
29	CB11-g004	479261	5474104	1680	MSEDS	Phyllites	Ser-FeCarb-bleached	pyr-cpy-sulph	disseminated/veined	Bleached and FeCarb altered phyllites with stockwork quartz lenses and veinlets to 2cm in old digging next to small creek, stockwork qtz lenses in creek also with min. Claim post (696365, Rein #12, Apr 25/67).
30	CB11-g005	479256	5474000	1696	MSEDS	Phyllites	Ser-FeCarb-Chl	py-cpy-malachite	disseminated/veined	Stockwork quartz and FeCarb lenses (~4cm thick) in phyllites
31	CB11-g006	479297	5473871	1717	MSEDS	Phyllites	Ser-Chl-FeCarb	malachite-cpy-pyr	disseminated/veined	Stockwork quartz and FeCarb lenses (~4cm thick) in chloritized and FeCarb altered phyllites, with malachite and fine disseminated metallics
32		479101	5473914	1748	SKP	Diorite	Chl			Massive outcrop of Silver King Porphyry within cutblock
33		478758	5473955	1820	HYDR	Breccia	MnO-FeCarb-Qtz	gln-cpy-pyr	disseminated	Old trench location with ~40cm shear zone with MnO and some hydrothermal breccia seen in dump pile
34		479116	5473975	1727	SKP	Diorite				
35		479181	5473966	1723	VOLC	Flow-banded volcanics	Chl			Flow-banded volcanics in cutblock, contact with phyllites just to east? Massive outcrop gives way to recessive and covered unit towards the east. Contact with SKP ~20m to west.
36	CB11-g042	479310	5473593	1733	VOLC	Flow-banded volcanics	Chl			Flow-banded volcanics with contact/grading to SKP to west
37	CB11-g041	479323	5473678	1705	MSED	Phyllites	Ser-FeCarb-Chl-bleached	cpy-pyr-sulph	disseminated/veined	Altered phyllites with thin (~1cm) stockwork quartz veins crosscutting foliation, minor disseminated metallics. Approximate contact with Volc above to west. Also see Volc below to east: interfingering of shearing?
38		479416	5473811	1675	MSEDS	Phyllites	Ser-FeCarb-Chl-bleached	malachite-cpy-pyr	disseminated	Old working/trench in slope, contact with SKP just to west upslope, sheared zone, v.fine foliation, v.fine disseminated metallics
39		479326	5473857	1710	SKP		Chl			Silver King pinchout? Displays shearing and alteration, limit of extent, surrounded by phyllites, sheared

Station No.	Sample No.	Easting	Northing	Elevation (m)	Map Unit	Rock Type	Alteration	Mineralization	Min Style	Comments
40		549152	5473997	1717	VOLC	Flow-banded volcanics	Chl			Contact with phyllites
41		479114	5474053	1720	SKP	Diorite	Ser-Chl			Possible contact, resembles sheared Silver King Porphyry
42	CB11-g007	479319	5473829	1711	MSEDS	Phyllites	Ser-Chl-FeCarb	malachite-pyr-cpy-bn	disseminated/v-eined	Irregular lensoidal white quartz vein with mossy green epidote? Mineralized with malachite, bornite, cpy, phyllites weakly magnetic and micaceous
43	CB11-g010	478689	5473996	1861	INTRSV	Diorite	Chl-Ser	pyr-sulph	disseminated	Mafic dyke adjacent to shear zone, twinned platy plag phenocrysts, vuggy, crosscut by few thin qtz veinlets with disseminated metallics
44	CB11-T1-C001	479457	5473629	1669	MSEDS	Phyllites	Ser-FeCarb-bleached			Start of Trench 1, north end
45	CB11-T2-C001	478755	5473963	1817	SKP	Diorite	MnO-Ser-FeCarb-Si	pyr-cpy-bn	disseminated	Start of Trench 2, north end. Trench through shear zone, location of old trench (blasted)
46	CB11-T3-C001	478790	5473943	1813	SKP	Diorite	MnO-Ser-FeCarb-Si	pyr-cpy-bn-malachite	disseminated/fractures	Start of Trench 3, north end. Trench through shear zone, location of old working (blasted)
47	CB11-T4-C001	479235	5473824	1744	MSEDS	Phyllites	Ser-FeCarb-Chl-bleached	pyr-cpy-malachite	disseminated/v-eined	Start of Trench 4, north end. Trench through contact with SKP, location of old working. Stockwork qtz with FeCarb in Phyllites.
47	CB11-g021	479235	5473824	1744	MSEDS	Phyllites	Ser-FeCarb-Chl-bleached	pyr-cpy-malachite	disseminated/v-eined	Start of Trench 4, north end. Trench through contact with SKP, location of old working. Stockwork qtz with FeCarb in Phyllites.
47	CB11-g022	479235	5473824	1744	MSEDS	Phyllites	Ser-FeCarb-Chl-bleached	pyr-cpy-malachite	disseminated/v-eined	Start of Trench 4, north end. Trench through contact with SKP, location of old working. Stockwork qtz with FeCarb in Phyllites.
48	CB11-C025	479380	5473720	1704	VEIN	Quartz	MnO-FeCarb-Qtz-Ser	pyr-cpy-sulph	disseminated/v-eined	Extension of Cariboo vein, banded grey qtz with stockwork secondary white qtz, MnO, FeO, within phyllite host rock, highly altered
48	CB11-C026	479380	5473720	1704	VEIN	Quartz	MnO-FeCarb-Qtz-Ser	pyr-cpy-sulph	disseminated/v-eined	Extension of Cariboo vein, banded grey qtz with stockwork secondary white qtz, MnO, FeO, within phyllite host rock, highly altered
48	CB11-C027	479380	5473720	1704	VEIN	Quartz	MnO-FeCarb-Qtz-Ser	pyr-cpy-sulph	disseminated/v-eined	Extension of Cariboo vein, banded grey qtz with stockwork secondary white qtz, MnO, FeO, within phyllite host rock, highly altered
49	CB11-g023	479240	5473829	1750	VEIN	Quartz	MnO-FeCarb-Qtz-Ser	pyr-cpy-sulph-gln	disseminated/v-eined	Extension of Cariboo vein, banded grey qtz with stockwork secondary white qtz: euhedral xls to 8mm size, MnO, FeO, within phyllite host rock, highly altered

Station No.	Sample No.	Easting	Northing	Elevation (m)	Map Unit	Rock Type	Alteration	Mineralization	Min Style	Comments
49	CB11-g024	479240	5473829	1750	VEIN	Quartz	MnO-FeCarb-Qtz-Ser	pyr-cpy-sulph-gln	disseminated/veined	Extension of Cariboo vein, banded grey qtz with stockwork secondary white qtz: euhedral xls to 8mm size, MnO, FeO, within phyllite host rock, highly altered
50		478839	5473953	1797						North end of abandoned trench location, 75m long: didn't encounter bedrock, soil too deep. Turned into road up to Grizzly adit
51	CB11-g028	479432	5473675	1689	MSEDS	Phyllites	Ser-FeCarb-Chl-bleached	pyr-cpy-malachite-sulph	disseminated/veined	Start of Trench 5, north end. Trench through stockworked qtz phyllites, into silicified andesite
51	CB11-g029	479432	5473675	1689	MSEDS	Phyllites	Ser-FeCarb-Chl-bleached	pyr-cpy-malachite-sulph	disseminated/veined	Start of Trench 5, north end. Trench through stockworked qtz phyllites, into silicified andesite
51	CB11-T5-C001	479432	5473675	1689	MSEDS	Phyllites	Ser-FeCarb-Chl-bleached	pyr-cpy-malachite-sulph	disseminated/veined	Start of Trench 5, north end. Trench through stockworked qtz phyllites, into silicified andesite
52	CB11-T6-C001	479387	5473714	1696	VEIN	Quartz	MnO-FeCarb-Qtz-Ser	pyr-cpy-malachite-gln	disseminated/veined	Start of Trench 6, north end. Trench through Cariboo qtz vein, highly altered and mineralized.
53	CB11-C030	479367	5473730	1708	VEIN	Quartz	MnO-FeCarb-Qtz-Ser	pyr-cpy	veined	Cariboo quartz vein, just to east of old shaft
53	CB11-C031	479367	5473730	1708	VEIN	Quartz	MnO-FeCarb-Qtz-Ser	pyr-cpy	veined	Cariboo quartz vein, just to east of old shaft
53	CB11-C032	479367	5473730	1708	VEIN	Quartz	MnO-FeCarb-Qtz-Ser	pyr-cpy	veined	Cariboo quartz vein, just to east of old shaft
54	CB11-T7-C001	478866	5473935	1790	SKP	Diorite	Ser-Chl-FeCarb-bleached	pyr	disseminated	Start of Trench 7, north end. Trench through highly altered and sheared Silver King Porphyry, north side of Silver King Shear, missed zone
55	CB11-T8-C001	479345	5473750	1718	VEIN	Quartz	Ser-Chl-MnO-FeCarb-Qtz	pyr-cpy-malachite-bn-gln-sulph	disseminated/veined	Start of Trench 8, north end. Trench through Cariboo quartz vein, highly altered and sheared, mineralized
56	CB11-g034	478848	5474016	1785	SKP	Diorite	Chl	pyr	disseminated	Location of 2 old workings, ~12m apart, few narrow zones of sheared and altered pinkish SKP, but workings didn't encounter shear zone
57	CB11-g038	478823	5473785	1841	SKP	Diorite	Chl	pyr	disseminated	Massive outcrop, cubic pyrite xls to 3mm size with gold mineral coating
58	CB11-g040	479250	5473794	1736	MSEDS	Phyllites	Ser-FeCarb-bleached	pyr-cpy-gln	veined	Stockwork quartz and FeCarb zone within phyllites
59		479125	5474300	1693	VOLC	Andesite	Chl-Ep			Greenish banded volcanic? On north side of cutblock. Not seen anywhere on property

Station No.	Sample No.	Easting	Northing	Elevation (m)	Map Unit	Rock Type	Alteration	Mineralization	Min Style	Comments
60	CB11-g043	479159	5474277	1694	MSEDS	Phyllites	Ser-Chl-FeCarb	pyr-cpy-bn-sulph-gln	disseminated	Contact of phyllites with volcanics on north side of cutblock, mineralized
61	CB11-g033	479360	5473738	1716	VEIN	Quartz	MnO-FeCarb-Qtz	gln-cpy	veined	Cariboo quartz vein, banded with abundant MnO and galena

Appendix IV – Acme Analytical Laboratories Assay Procedures



Sample Preparation, Storage & Disposal

Preparation

Code	Description	Cdn
R200–250	Crush 1 kg to 80% passing 10 mesh, split 250g and pulverize to 85% passing 200 mesh	\$6.85
R200–500	Crush 1 kg to 80% passing 10 mesh, split 500g and pulverize to 85% passing 200 mesh	\$7.85
R200–1000	Crush 1 kg to 80% passing 10 mesh, split 1000g and pulverize to 85% passing 200 mesh	\$8.85
	Extra crushing and saving rejects over 1 kg, per kg	+\$0.70
CR80	Crush 1 kg to 80% passing 10 mesh	\$3.35
P200	Dry (60°C) and pulverize only to 85% passing 200 mesh, per 250g	\$3.50
	Extra pulverizing over 250g, per 250g	+\$1.85
PSCB	Pulverizing by Ceramic Box, per 100g	\$9.25
M150	Crush, pulverize, sieve 500g, save +150 and –150 mesh fractions for metallics analysis	\$9.75
M200	Same as M150 but sieving to 200 mesh	\$13.90
MXXX	Extra M150 or M200 pulverizing and screening, per 250g	+\$3.50
HPUL	Hand pulverizing by mortar & pestle	\$8.00

Special Handling

D105	Dry pulp samples at 105°C, per sample	\$0.55
HAND	Handling special projects, rejects and pulp retrieval, per hour	\$50.00
MIXP	Mixing of received pulps	\$0.60
MPCP	Compositing pulp, per 250g	\$3.00
MPMP	Mixing & pulverizing composite, per 250g	\$2.70
SPLT	Split large samples (>5 kg), per kg	\$0.50
RIFL	Split by riffle splitter material up to 5 kg	\$2.00
WGHT	Weigh sample	\$0.60
XWSH	Extra wash with glass between each sample in pulverizer	\$1.25
RPLP	Sorting, labelling and boxing samples received as pulp	\$0.30
RS01	Rotary split up to 5 kg	\$4.25

Sample Storage & Disposal Fees

All rock rejects are stored for 3 months at no charge. Clients may purchase additional storage time.

Note: a minimum charge of \$10/quarter (\$40/yr) will apply to all clients with rejects in storage after 90 days.

Code	Description	Cdn
RTRN	Return of all reject portions and/or pulps	at cost
DIS-RJT	Warehouse disposition of rejects	\$0.25
DIS-PLP	Warehouse disposition of pulps	\$0.10
STOR-RJT	Monthly storage of rejects after 90 days, per sample	\$0.35
STOR-PLP	Monthly storage of pulps after 90 days, per sample	\$0.16

Note: Concentrates and high NORM samples must be returned.

Note: Batch charge for sample submissions of less than 20 samples: \$50.00



Geochemical Aqua Regia Digestion

Groups 1D, 1DX ICP-ES & ICP-MS

You can choose economically priced ICP-ES (Group 1D) or ICP-MS (Group 1DX) analysis to complement your exploration program.

Sample splits of 0.5g are leached in hot (95°C) Aqua Regia. Select a larger split size for more representative Au analysis. Refractory and graphitic samples can limit Au solubility.

Sample minimum 1g pulp.

Group 1D01	Cdn
32 elements	\$8.95

Group 1D02	Cdn
Include Hg and Tl	+\$1.00

Group 1D03	Cdn
Include Uranium	+\$0.50

Code	Group 1DX	Cdn
1DX1	36 elements 0.5g	\$15.00
1DX2	36 elements 15g	\$19.00
1DX3	36 elements 30g	\$22.50
Include U by request		

	Group 1D Detection	Group 1DX Detection	Upper Limit
Ag*	0.3 ppm	0.1 ppm	100 ppm
Al*	0.01 %	0.01 %	10 %
As	2 ppm	0.5 ppm	10000 ppm
Au*	2 ppm	0.5 ppb	100 ppm
B*†	20 ppm	20 ppm	2000 ppm
Ba*	1 ppm	1 ppm	10000 ppm
Bi	3 ppm	0.1 ppm	2000 ppm
Ca*	0.01 %	0.01 %	40 %
Cd	0.5 ppm	0.1 ppm	2000 ppm
Co	1 ppm	0.1 ppm	2000 ppm
Cr*	1 ppm	1 ppm	10000 ppm
Cu	1 ppm	0.1 ppm	10000 ppm
Fe*	0.01 %	0.01 %	40 %
Ga*	5 ppm	1 ppm	1000 ppm
Hg†	1 ppm	0.01 ppm	50 ppm
K*	0.01 %	0.01 %	10 %
La*	1 ppm	1 ppm	10000 ppm
Mg*	0.01 %	0.01 %	30 %
Mn*	2 ppm	1 ppm	10000 ppm
Mo	1 ppm	0.1 ppm	2000 ppm
Na*	0.01 %	0.001 %	5 %
Ni	1 ppm	0.1 ppm	10000 ppm
P*	0.001 %	0.001 %	5 %
Pb	3 ppm	0.1 ppm	10000 ppm
S*	0.05 %	0.05 %	10 %
Sb	3 ppm	0.1 ppm	2000 ppm
Sc	5 ppm	0.1 ppm	100 ppm
Se	–	0.5 ppm	100 ppm
Sr*	1 ppm	1 ppm	10000 ppm
Te	–	0.2 ppm	1000 ppm
Th*	2 ppm	0.1 ppm	2000 ppm
Ti*	0.001 %	0.001 %	5 %
Tl†	5 ppm	0.1 ppm	1000 ppm
V*	1 ppm	2 ppm	10000 ppm
W*	2 ppm	0.1 ppm	100 ppm
Zn	1 ppm	1 ppm	10000 ppm

*Solubility of some elements will be limited by mineral species present.

†Detection limit = 1 ppm for 15g / 30g analysis.



Assay

Precious Metals

Group 6 Fire Assay

Code	Element	Detection	Upper Limit	Method	Cdn
G601	Au	0.005 g/t	10 ppm	Fire Assay 30g – AA Finish (Automatic Grav Overlimits)	\$15.25
G602		0.9 g/t		Metallics Fire Assay**	\$27.30
G603	Au, Ag*	(Ag) 2 g/t	(Au) 10 ppm (Ag) 300 ppm	Au by Fire Assay 30g – AA Finish Ag by 7AR	\$20.00
G604				Metallics Fire Assay**	\$32.50
G605				Include all Group 7AR elements	+\$8.25
G606	Au, Pt, Pd	0.01 g/t	10 ppm	Fire Assay on 30g sample	\$19.50
G607				Metallics Fire Assay**	\$31.85
G608	Au, Ag,* Pt, Pd	0.01 g/t	10 ppm	Fire Assay on 30g sample*	\$24.15
G609				Metallics Fire Assay**	\$36.40
G613	Ag			Fire Assay on 30g sample Gravimetric	\$19.40
G614	Ag			Fire Assay on 50g sample Gravimetric	\$22.00
Add On Options					
+G610				50g sample	+\$2.65
+G612				Gravimetric Finish (add on)	+\$3.40

*Ag by Group 7AR detection limit 2g/t to 300g/t

**All metallic fire assay requires preparation by M150 or M200



Assay Multi-Element

Group 7 ICP & ICP-MS

The following multi-element assays provide optimum precision and accuracy for high-grade rock and drill core samples with a selection of digestion methods to best suit the ore type.

Groups 7AR, 7TD and 7PF report %-level concentrations as determined by ICP emission spectrometry.

Two new packages (Groups 7AX and 7TX) combine both ICP emission spectrometry and ICP mass spectrometry analysis to extend the lower detection limits and provide a broader spectrum of elements.

Group 7KP will provide total values for select elements.

Sample minimum 1g pulp.

Code	Group 7AR	Cdn
7AR1	Any element	\$10.60
7AR2	Full Suite	\$14.70
7AX1	Group 7AX	\$20.00

Code	Group 7TD	Cdn
7TD1	Any element	\$12.60
7TD2	Full Suite	\$16.80
7TX1	Group 7TX	\$24.25

Code	Group 7PF	Cdn
7PF1	Any element	\$14.25
7PF2	Full Suite	\$18.40

Code	Group 7KP	Cdn
7KP1	Any element	\$13.25
7KP2	Full suite	\$16.80



Group 7AR

Hot Aqua Regia digestion for base-metal sulphide and precious-metal ores. ICP-ES analysis.

Group 7AX

Same digestion as 7AR above but includes ICP-ES and ICP-MS analysis.

Group 7TD

Hot 4-Acid digestion for sulphide and silicate ores. ICP-ES analysis.

Group 7TX

Same digestion as 7TD above but includes ICP-ES and ICP-MS analysis.

Group 7PF

Sodium peroxide fusion for refractory-mineral ores.

Group 7KP

Phosphoric acid digestion for select elements.

	G7AR Det. Lim.	G7AX Det. Lim.	G7TD Det. Lim.	G7TX Det. Lim.	G7PF Det. Lim.	G7KP Det. Lim.
Ag	2 g/t	0.5 ppm	2 g/t	0.5 ppm	–	–
Al	0.01 %	0.01 %	0.01 %	0.01 %	–	–
As	0.01 %	5 ppm	0.02 %	5 ppm	–	–
B	–	–	–	–	0.01 %	–
Ba	–	5 ppm	–	5 ppm	–	–
Be	–	–	–	5 ppm	–	–
Bi	0.01 %	0.5 ppm	0.01 %	0.5 ppm	–	–
Ca	0.01 %	0.01 %	0.01 %	0.01 %	–	–
Cd	0.001 %	0.5 ppm	0.001 %	0.5 ppm	–	–
Ce	–	–	–	5 ppm	–	–
Co	0.001 %	0.5 ppm	0.001 %	1 ppm	–	–
Cr	0.001 %	0.5 ppm	0.001 %	1 ppm	0.01 %	–
Cu	0.001 %	0.5 ppm	0.001 %	0.5 ppm	0.01 %	–
Fe	0.01 %	0.01 %	0.01 %	0.01 %	0.01 %	–
Ga	–	5 ppm	–	–	–	–
Hf	–	–	–	0.5 ppm	–	–
Hg	0.001 %	0.05 ppm	–	–	–	–
K	0.01 %	0.01 %	0.01 %	0.01 %	–	–
La	–	0.5 ppm	–	0.5 ppm	–	–
Li	–	–	–	0.5 ppm	–	–
Mg	0.01 %	0.01 %	0.01 %	0.01 %	–	–
Mn	0.01 %	5 ppm	0.01 %	5 ppm	–	–
Mo	0.001 %	0.5 ppm	0.001 %	0.5 ppm	–	0.001 %
Na	0.01 %	0.01 %	0.01 %	0.01 %	–	–
Nb	–	–	–	0.5 ppm	0.01 %	0.001 %
Ni	0.001 %	0.5 ppm	0.001 %	0.5 ppm	0.01 %	–
P	0.001 %	0.001 %	0.01 %	0.01 %	–	–
Pb	0.01 %	0.5 ppm	0.02 %	0.5 ppm	–	–
Rb	–	–	–	0.5 ppm	–	–
S	0.05 %	0.05 %	0.05 %	0.05 %	–	–
Sb	0.001 %	0.5 ppm	0.01 %	0.5 ppm	–	–
Sc	–	0.5 ppm	–	1 ppm	–	–
Se	–	2 ppm	–	–	–	–
Sn	–	–	–	0.5 ppm	0.01 %	–
Sr	0.001 %	5 ppm	0.01 %	5 ppm	–	–
Ta	–	–	–	0.5 ppm	0.01 %	0.001 %
Th	–	0.5 ppm	–	0.5 ppm	–	–
Ti	–	0.001 %	–	0.001 %	–	–
Tl	–	0.5 ppm	–	–	–	–
U	–	0.5 ppm	–	0.5 ppm	–	0.001 %
V	–	10 ppm	–	10 ppm	–	–
W	0.001 %	0.5 ppm	0.01 %	0.5 ppm	0.01 %	0.005 %
Y	–	–	–	0.5 ppm	–	–
Zn	0.01 %	5 ppm	0.01 %	5 ppm	0.01 %	–
Zr	–	–	–	0.5 ppm	–	–

Note: Highlights in table indicate partial digestion if refractory minerals are present.

Appendix V – QAQC Reference Material

CDN Resource Laboratories Ltd.

#2, 20148 – 102nd Ave, Langley, B.C., Canada, V1M 4B4, 604-882-8422, Fax: 604-882-8466 (www.cdnlabs.com)

REFERENCE MATERIAL: CDN-FCM-6

Recommended values and the “Between Lab” Two Standard Deviations

<i>Gold</i>	<i>2.15 g/t ± 0.16 g/t</i>	<i>Certified value</i>
<i>Silver</i>	<i>156.8 g/t ± 7.9 g/t</i>	<i>Certified value</i>
<i>Copper</i>	<i>1.251 % ± 0.064 %</i>	<i>Certified value</i>
<i>Lead</i>	<i>1.52 % ± 0.06 %</i>	<i>Certified value</i>
<i>Zinc</i>	<i>9.27 % ± 0.44 %</i>	<i>Certified value</i>

Note: Standards with an RSD of near or less than 5% are certified; RSD's of between 5% and 15% are Provisional; RSD's over 15% are Indicated. Provisional and Indicated values cannot be used to monitor accuracy with a high degree of certainty.

PREPARED BY: CDN Resource Laboratories Ltd.
CERTIFIED BY: Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia
INDEPENDENT GEOCHEMIST: Dr. Barry Smee., Ph.D., P. Geo.
DATE OF CERTIFICATION: May 22, 2011

METHOD OF PREPARATION:

Reject ore material was dried, crushed, pulverized and then passed through a 270 mesh screen. The +270 material was discarded. The -270 material was mixed for 5 days in a double-cone mixer. Splits were taken and sent to 15 laboratories for round robin assaying.

ORIGIN OF REFERENCE MATERIAL:

The ore was supplied by Farallon Resources from their Campo Morado property in Mexico. The Campo Morado precious-metal-bearing, volcanogenic massive sulphide deposits occur in a lower Cretaceous bimodal, calc-alkaline volcanic sequence. Most deposits occur in the upper part of a sequence of felsic flows and heterolithic volcanoclastic rocks or at its contact with overlying chert and argillite. Gold, silver, zinc, and lead are associated with pyrite, quartz, ankerite, sphalerite, chalcopyrite and galena, with minor tennantite-freibergite, arsenopyrite, and pyrrhotite.

Approximate chemical composition (from whole rock analysis) is as follows:

	Percent		Percent
SiO ₂	36.3	MgO	1.4
Al ₂ O ₃	2.5	K ₂ O	0.5
Fe ₂ O ₃	23.5	TiO ₂	<0.1
CaO	2.4	LOI	13.8
Na ₂ O	<0.1	S	24.3

Statistical Procedures:

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ± 2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual “between-laboratory” standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

Assay Procedures:

Au: Fire assay pre-concentration, AA or ICP finish (30g sub-sample).
Ag, Cu, Pb, Zn: 4-acid digestion, AA or ICP finish.

REFERENCE MATERIAL CDN-FCM-6

Results from round-robin assaying:

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t
FCM6-1	2.26	2.22	2.13	2.20	2.00	2.23	2.08	2.02	2.01	2.21	2.16	2.02	2.23	2.26	2.10
FCM6-2	2.29	2.13	2.01	2.07	1.97	2.27	2.19	2.14	2.14	2.10	2.16	2.06	2.19	2.19	2.14
FCM6-3	2.11	2.14	2.18	2.15	1.94	2.24	2.16	2.19	2.09	2.12	2.20	2.02	2.10	2.26	2.15
FCM6-4	2.28	2.11	2.24	2.14	1.95	2.21	2.12	2.12	2.05	2.11	2.19	2.13	2.11	2.12	2.14
FCM6-5	2.26	2.16	2.49	2.08	2.06	2.32	2.05	1.98	1.96	2.18	2.20	2.06	2.20	2.23	2.11
FCM6-6	2.29	2.19	2.67	2.13	2.02	2.27	2.24	2.18	2.04	2.14	2.18	2.13	2.08	2.22	2.18
FCM6-7	2.25	2.15	2.43	2.02	2.03	2.34	2.08	2.08	2.13	2.19	2.16	1.99	2.13	2.24	2.17
FCM6-8	2.18	2.14	2.34	2.31	2.01	2.26	2.20	2.14	2.09	2.28	2.15	1.92	2.05	2.21	2.08
FCM6-9	2.09	2.24	2.46	2.15	2.00	2.28	2.06	2.05	2.14	2.26	2.12	1.92	2.20	2.24	2.13
FCM6-10	2.15	2.26	2.26	2.05	1.94	2.26	2.09	2.18	2.02	2.19	2.17	2.13	2.22	2.14	2.14
Mean	2.22	2.17	2.32	2.13	1.99	2.27	2.13	2.11	2.07	2.18	2.17	2.04	2.15	2.21	2.13
Std. Devn.	0.0778	0.0508	0.1960	0.0835	0.0421	0.0391	0.0665	0.0727	0.0611	0.0614	0.0266	0.0797	0.0658	0.0479	0.0315
% RSD	3.51	2.34	8.44	3.92	2.11	1.72	3.13	3.45	2.96	2.82	1.23	3.91	3.06	2.17	1.47
	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t	Ag g/t
FCM6-1	161	155	143	168	153.7	154	154.2	153	160	158	163	155.8	174.2	157	151
FCM6-2	158	159	149	162	154.7	152	154.1	154	161	157	166	152.4	174.9	162	156
FCM6-3	160	158	158	157	154.9	149	156.7	152	161	158	164	152.4	174.1	164	150
FCM6-4	163	158	149	157	155.1	153	153.5	154	158	156	168	156.5	174.3	161	150
FCM6-5	161	156	152	159	155.1	146	154.0	156	160	156	167	154.8	174.8	162	154
FCM6-6	158	157	153	162	155.3	154	156.4	152	162	155	166	158.1	174.5	153	154
FCM6-7	162	158	155	161	155.1	149	153.0	152	163	161	161	158.0	172.2	153	152
FCM6-8	164	156	151	156	157.2	153	155.2	158	158	157	167	160.0	172.1	158	154
FCM6-9	164	161	155	161	155.1	149	158.7	154	164	159	165	158.7	174.2	158	155
FCM6-10	163	155	156	158	156.2	151	158.1	155	162	157	167	156.6	173.5	160	155
Mean	161.4	157.3	152.1	160.1	155.2	151.0	155.4	154.0	160.9	157.4	165.4	156.3	173.9	158.8	153.1
Std. Devn.	2.2211	1.8886	4.3576	3.5418	0.9089	2.6667	1.9824	1.9437	1.9692	1.7127	2.1313	2.5447	0.9908	3.7357	2.1833
% RSD	1.38	1.20	2.86	2.21	0.59	1.77	1.28	1.26	1.22	1.09	1.29	1.63	0.57	2.35	1.43

**Note: Au results from Laboratory 3 were removed for failing the “t” test.
Ag results from Laboratory 13 were removed for failing the “t” test.**

REFERENCE MATERIAL CDN-FCM-6

Results from round-robin assaying:

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu	% Cu
FCM6-1	1.30	1.25	1.14	1.23	1.19	1.22	1.22	1.28	1.22	1.25	1.26	1.25	1.32	1.25	1.24
FCM6-2	1.27	1.28	1.15	1.24	1.19	1.21	1.22	1.28	1.26	1.22	1.27	1.24	1.30	1.26	1.23
FCM6-3	1.26	1.28	1.22	1.29	1.19	1.20	1.23	1.28	1.22	1.24	1.26	1.24	1.31	1.26	1.21
FCM6-4	1.29	1.28	1.16	1.25	1.20	1.22	1.22	1.27	1.19	1.21	1.27	1.25	1.28	1.25	1.23
FCM6-5	1.29	1.27	1.20	1.25	1.20	1.24	1.21	1.29	1.22	1.24	1.28	1.23	1.30	1.26	1.24
FCM6-6	1.26	1.29	1.24	1.26	1.20	1.22	1.24	1.28	1.25	1.19	1.27	1.24	1.31	1.26	1.24
FCM6-7	1.27	1.29	1.23	1.30	1.20	1.20	1.23	1.29	1.24	1.31	1.27	1.23	1.29	1.26	1.24
FCM6-8	1.30	1.28	1.17	1.30	1.20	1.21	1.24	1.30	1.24	1.25	1.28	1.23	1.30	1.24	1.25
FCM6-9	1.30	1.30	1.22	1.27	1.19	1.22	1.24	1.28	1.23	1.22	1.28	1.23	1.32	1.26	1.25
FCM6-10	1.30	1.27	1.23	1.27	1.19	1.22	1.25	1.29	1.27	1.23	1.28	1.22	1.31	1.26	1.24
Mean	1.28	1.28	1.19	1.27	1.20	1.22	1.23	1.28	1.23	1.24	1.27	1.24	1.30	1.26	1.24
Std. Devn.	0.0159	0.0123	0.0336	0.0246	0.0052	0.0117	0.0125	0.0096	0.0232	0.0320	0.0069	0.0097	0.0132	0.0070	0.0116
% RSD	1.24	0.97	2.82	1.94	0.43	0.97	1.01	0.75	1.88	2.59	0.54	0.78	1.01	0.56	0.94
	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb	% Pb
FCM6-1	1.55	1.47	1.28	1.54	1.53	1.49	1.53	1.53	1.52	1.53	1.53	1.58	1.65	1.48	1.48
FCM6-2	1.54	1.50	1.29	1.47	1.51	1.53	1.53	1.51	1.54	1.50	1.56	1.59	1.65	1.48	1.51
FCM6-3	1.54	1.50	1.43	1.53	1.54	1.51	1.53	1.52	1.53	1.52	1.53	1.59	1.63	1.47	1.49
FCM6-4	1.58	1.49	1.30	1.48	1.55	1.50	1.52	1.38	1.51	1.50	1.54	1.59	1.64	1.48	1.49
FCM6-5	1.55	1.48	1.38	1.43	1.54	1.50	1.47	1.53	1.52	1.50	1.55	1.63	1.64	1.51	1.49
FCM6-6	1.55	1.50	1.38	1.50	1.57	1.53	1.50	1.52	1.54	1.48	1.53	1.61	1.64	1.48	1.51
FCM6-7	1.57	1.51	1.40	1.51	1.54	1.49	1.52	1.51	1.54	1.52	1.52	1.62	1.62	1.44	1.51
FCM6-8	1.58	1.47	1.37	1.52	1.55	1.52	1.51	1.51	1.50	1.52	1.53	1.63	1.63	1.47	1.52
FCM6-9	1.59	1.52	1.39	1.56	1.52	1.49	1.53	1.50	1.52	1.51	1.51	1.62	1.63	1.46	1.53
FCM6-10	1.58	1.48	1.42	1.62	1.52	1.52	1.52	1.51	1.54	1.50	1.54	1.63	1.63	1.45	1.50
Mean	1.56	1.49	1.36	1.52	1.54	1.51	1.52	1.50	1.53	1.51	1.53	1.61	1.64	1.47	1.50
Std. Devn.	0.0189	0.0165	0.0544	0.0523	0.0174	0.0162	0.0190	0.0436	0.0143	0.0148	0.0130	0.0197	0.0091	0.0193	0.0157
% RSD	1.21	1.11	3.99	3.45	1.13	1.07	1.25	2.90	0.94	0.98	0.85	1.22	0.56	1.31	1.04
	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn	% Zn
FCM6-1	10.00	8.86	8.14	9.23	9.58	9.40	9.22	9.37	9.45	9.36	8.97	9.17	9.79	9.22	8.85
FCM6-2	9.77	9.06	8.50	9.00	9.32	9.37	9.24	9.35	9.50	9.27	9.09	9.22	9.84	9.21	8.86
FCM6-3	9.88	9.13	9.12	8.93	9.52	9.35	9.31	9.35	9.50	9.42	9.02	9.18	9.74	9.17	8.89
FCM6-4	10.02	9.08	8.46	8.41	9.53	9.28	9.27	9.25	9.38	9.30	9.03	9.23	9.81	9.23	8.87
FCM6-5	9.91	8.99	8.66	8.41	9.42	9.30	9.11	9.42	9.49	9.29	9.03	9.36	9.82	9.47	8.82
FCM6-6	9.77	9.12	8.87	8.70	9.72	9.36	9.24	9.35	9.54	9.23	9.05	9.30	9.81	9.23	8.79
FCM6-7	9.92	9.12	8.82	9.13	9.53	9.34	9.28	9.41	9.54	9.36	8.89	9.34	9.69	9.22	8.81
FCM6-8	10.17	9.07	8.57	9.27	9.62	9.38	9.26	9.47	9.28	9.30	9.04	9.38	9.74	9.28	8.86
FCM6-9	10.15	9.18	8.84	9.32	9.40	9.25	9.37	9.37	9.63	9.25	9.00	9.40	9.76	9.17	8.80
FCM6-10	10.20	8.98	8.91	9.42	9.46	9.31	9.21	9.46	9.48	9.26	9.02	9.37	9.65	9.17	8.86
Mean	9.98	9.06	8.69	8.98	9.51	9.33	9.25	9.38	9.48	9.30	9.01	9.30	9.77	9.24	8.84
Std. Devn.	0.1571	0.0933	0.2809	0.3666	0.1166	0.0477	0.0681	0.0644	0.0952	0.0591	0.0533	0.0875	0.0610	0.0888	0.0335
% RSD	1.57	1.03	3.23	4.08	1.23	0.51	0.74	0.69	1.00	0.64	0.59	0.94	0.62	0.96	0.38

Note: Cu results from Laboratory 3 were removed for failing the “t” test.
Pb results from Laboratories 3 and 13 were removed for failing the “t” test.
Zn results from Laboratories 1 and 13 were removed for failing the “t” test

REFERENCE MATERIAL CDN-FCM-6

Participating Laboratories:

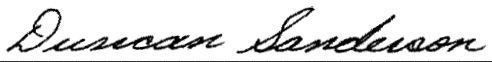
(not in same order as listed in table of results)

Acme Analytical Laboratories Ltd., Vancouver
Actlabs-Ancaster, Ontario, Canada
Actlabs-Thunder Bay, Ontario, Canada
ALS Chemex Laboratories, North Vancouver
American Assay Laboratory, Nevada, USA
Genalysis Laboratory, Australia
Inspectorate, Richmond, B.C., Canada
Omac Laboratories Ltd., Ireland
Skyline Assayers and Laboratories, Arizona, USA
SGS – Vancouver, B.C., Canada
SGS – Lima, Peru
Stewart Group, Kamloops, B.C., Canada
Stewart Group, Mendoza, Argentina
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Certified by



Duncan Sanderson, Certified Assayer of B.C.

Geochemist



Dr. Barry Smee, Ph.D., P. Geo.

Appendix VI – Assay Certificates



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Excalibur Resources Ltd.

Suite 400, 20 Adelaide Street East
Toronto ON M5C 2T6 Canada

Submitted By: Tim Gallagher
Receiving Lab: Canada-Vancouver
Received: October 24, 2011
Report Date: November 21, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN11005720.1

CLIENT JOB INFORMATION

Project: Cariboo
Shipment ID: CB11-01
P.O. Number
Number of Samples: 39

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
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.

Invoice To: Excalibur Resources Ltd.
Suite 400, 20 Adelaide Street East
Toronto ON M5C 2T6
Canada

CC: Andrew Robertson
Linda Dandy
Fiona Katay

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Contains 4 rows of sample preparation and analysis data.

ADDITIONAL COMMENTS



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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 Suite 400, 20 Adelaide Street East
 Toronto ON M5C 2T6 Canada

Project: Cariboo
 Report Date: November 21, 2011

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

VAN11005720.1

Method	WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	
CB11-T1-C001	Rock	3.14	0.011	<2	1.7	115.3	5.6	80	0.3	23.3	20.1	1208	4.58	8.2	13.9	2.1	32	1.4	1.2	0.2	38
CB11-T1-G002	Rock	3.10	0.011	<2	2.7	60.3	3.1	34	0.1	8.4	9.1	1133	3.66	6.4	8.9	0.3	17	0.7	1.6	<0.1	13
CB11-T1-C003	Rock	3.40	0.018	<2	0.9	46.5	6.9	84	0.3	11.8	12.9	1270	3.58	5.5	11.6	2.0	24	2.3	1.7	0.4	19
CB11-T1-C003S	Rock Pulp	0.07	1.821	165	36.4	>10000	>10000	>10000	>100	61.4	31.8	402	16.30	1113	341.8	0.3	33	521.9	208.3	59.4	18
CB11-T1-C004	Rock	3.29	0.016	<2	1.5	178.7	5.1	143	0.5	9.3	17.6	1207	4.47	10.0	13.4	1.4	29	1.9	7.0	0.1	20
CB11-T1-G005	Rock	1.04	0.025	<2	2.5	102.8	4.2	130	0.3	5.7	11.9	1488	4.68	17.2	17.0	0.5	20	1.7	9.3	<0.1	21
CB11-T1-C006	Rock	1.90	0.011	<2	0.7	160.9	5.5	85	0.2	3.5	19.0	1319	4.32	3.6	7.8	1.1	36	0.6	1.0	<0.1	26
CB11-T1-G007	Rock	1.06	0.010	<2	1.1	107.6	6.3	56	0.4	3.3	10.2	1199	3.54	6.7	9.4	<0.1	16	0.3	3.7	<0.1	6
CB11-T1-C008	Rock	3.82	0.551	<2	4.3	62.8	35.2	283	1.8	14.6	23.8	2889	4.20	28.5	214.0	0.7	145	2.7	3.1	0.2	14
CB11-T1-G009	Rock	4.89	2.190	4	8.3	184.1	155.3	982	3.7	10.3	9.5	8563	2.68	43.0	1360	<0.1	183	11.0	13.5	0.2	24
CB11-T1-C010	Rock	3.69	4.613	15	4.8	137.5	163.4	773	14.4	26.3	38.7	4761	5.07	173.3	3783	0.6	29	9.1	7.1	0.7	23
CB11-T1-G011	Rock	2.66	5.879	22	7.4	335.0	366.8	777	21.2	23.3	33.4	5659	4.54	183.5	4212	0.5	25	10.5	13.3	2.1	33
CB11-T1-C012	Rock	4.65	2.861	4	2.4	246.7	51.9	206	4.7	33.7	34.6	3422	4.72	44.0	2612	0.7	47	2.3	2.8	0.4	31
CB11-T1-G013	Rock	1.38	0.222	3	4.5	724.7	72.5	198	3.4	24.7	22.8	3735	4.65	22.0	85.1	0.3	27	2.9	10.8	1.0	9
CB11-T1-C014	Rock	2.88	0.056	<2	1.3	112.8	12.1	93	0.5	45.9	36.4	2156	6.45	15.2	30.7	1.0	39	1.2	1.3	<0.1	42
CB11-T1-C015	Rock	2.88	0.027	<2	1.2	125.8	12.9	76	0.6	43.5	37.5	1866	6.04	12.5	20.8	0.9	28	0.8	1.0	<0.1	40
CB11-T1-C015B	Sand	0.77	<0.005	<2	<0.1	1.4	0.4	<1	<0.1	0.3	0.3	9	0.10	<0.5	3.4	0.8	1	<0.1	<0.1	<0.1	<2
CB11-T1-C016	Rock	2.98	0.018	<2	0.9	120.7	25.5	89	0.5	45.4	37.4	2142	6.64	15.6	9.4	0.9	30	0.8	1.5	<0.1	49
CB11-T1-C017	Rock	3.11	0.210	<2	1.9	135.9	38.7	362	1.5	48.3	37.5	4439	6.43	32.9	139.3	1.2	25	5.6	2.2	<0.1	49
CB11-T1-C018	Rock	2.61	0.094	<2	1.2	77.5	50.3	214	0.9	36.6	31.8	3007	5.47	27.1	53.6	1.1	24	2.7	3.1	<0.1	29
CB11-T1-G019	Rock	1.90	0.007	<2	0.7	37.9	53.9	74	0.4	9.1	9.1	1341	2.06	7.8	13.1	0.2	11	0.8	2.0	<0.1	9
CB11-T1-C020	Rock	3.46	0.167	<2	2.7	112.3	268.3	467	2.6	59.0	63.3	4719	8.36	103.0	170.7	1.5	33	6.0	3.0	0.7	41
CB11-T1-C020S	Rock Pulp	0.08	1.396	171	40.5	>10000	4223	>10000	>100	67.7	34.1	432	19.82	1194	86.4	0.4	28	593.9	234.0	66.7	22
CB11-T1-C021	Rock	2.38	0.133	<2	1.9	163.7	118.8	411	2.0	57.0	53.3	4983	7.41	92.9	123.4	1.3	24	6.1	1.3	0.2	44
CB11-T1-G022	Rock	4.59	0.658	4	6.3	343.4	122.7	297	4.7	46.6	67.4	2287	4.80	180.5	527.6	0.7	16	4.1	3.0	0.2	29
CB11-T1-C023	Rock	3.04	0.032	<2	0.8	136.7	21.1	152	0.7	49.6	40.6	2610	6.65	26.1	35.0	1.3	25	1.6	1.3	<0.1	51
CB11-T1-C024	Rock	4.46	0.017	<2	0.8	121.6	12.7	96	0.9	51.3	43.5	2825	6.45	38.2	166.1	1.2	21	0.5	1.5	<0.1	66
CB11-T1-C025	Rock	4.45	0.017	<2	0.5	100.7	8.4	142	0.4	63.1	41.8	2145	7.37	26.9	30.8	0.8	22	0.5	1.1	<0.1	156
CB11-T1-C026	Rock	3.06	0.014	<2	0.2	93.4	6.7	84	0.2	63.2	40.9	1535	7.66	20.2	22.2	1.1	30	0.3	1.1	<0.1	221
CB11-T1-C027	Rock	3.49	0.010	<2	0.2	58.2	5.7	91	0.2	67.3	42.2	1475	7.84	25.7	21.0	1.2	36	0.2	1.0	<0.1	257

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Project: Cariboo
 Report Date: November 21, 2011

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CERTIFICATE OF ANALYSIS

VAN11005720.1

Method	Analyte	Unit	MDL	1DX Ca	1DX P	1DX La	1DX Cr	1DX Mg	1DX Ba	1DX Ti	1DX B	1DX Al	1DX Na	1DX K	1DX W	1DX Hg	1DX Sc	1DX Ti	1DX S	1DX Ga	1DX Se	1DX Te
				%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
				0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
CB11-T1-C001	Rock			0.35	0.154	9	14	0.20	99	0.001	<20	0.99	0.025	0.14	<0.1	0.04	4.5	<0.1	<0.05	2	<0.5	<0.2
CB11-T1-G002	Rock			0.13	0.064	1	7	0.06	50	0.001	<20	0.20	0.022	0.03	<0.1	0.02	4.2	<0.1	<0.05	<1	<0.5	<0.2
CB11-T1-C003	Rock			0.26	0.113	10	8	0.13	135	0.002	<20	0.75	0.030	0.18	0.2	0.05	3.2	<0.1	<0.05	2	<0.5	<0.2
CB11-T1-C003S	Rock Pulp			1.75	0.036	2	18	0.72	<1	0.001	<20	0.28	<0.001	0.05	0.8	17.65	0.8	25.9	>10	8	>100	0.6
CB11-T1-C004	Rock			0.30	0.142	7	4	0.08	112	0.002	<20	0.61	0.014	0.23	0.1	0.22	2.7	0.2	<0.05	1	<0.5	<0.2
CB11-T1-G005	Rock			0.14	0.077	4	5	0.07	109	<0.001	<20	0.30	0.008	0.14	0.5	0.20	2.4	<0.1	<0.05	<1	<0.5	<0.2
CB11-T1-C006	Rock			0.39	0.161	10	3	0.06	154	0.014	<20	0.61	0.015	0.26	0.3	0.03	3.0	<0.1	<0.05	1	<0.5	<0.2
CB11-T1-G007	Rock			0.11	0.061	1	4	0.05	78	<0.001	<20	0.13	0.009	0.05	0.3	0.05	1.7	<0.1	<0.05	<1	<0.5	<0.2
CB11-T1-C008	Rock			2.57	0.117	3	6	0.20	168	0.002	<20	0.41	0.037	0.16	0.2	0.19	5.5	0.1	0.65	<1	<0.5	0.3
CB11-T1-G009	Rock			6.62	0.013	<1	5	1.47	170	<0.001	<20	0.07	0.006	0.04	0.6	1.35	1.5	0.3	0.45	<1	1.0	<0.2
CB11-T1-C010	Rock			0.28	0.132	3	7	0.04	307	0.002	<20	0.41	0.018	0.23	0.6	1.01	4.6	0.6	0.34	<1	1.7	<0.2
CB11-T1-G011	Rock			0.17	0.086	3	9	0.03	267	0.002	<20	0.32	0.022	0.13	0.9	1.67	3.7	0.6	0.06	<1	2.2	0.4
CB11-T1-C012	Rock			0.89	0.154	3	39	0.07	241	0.007	<20	0.46	0.013	0.31	0.5	0.15	4.9	0.2	0.39	1	1.5	<0.2
CB11-T1-G013	Rock			0.12	0.073	2	15	0.06	200	0.002	<20	0.19	0.043	0.09	0.2	0.23	5.4	<0.1	0.29	<1	1.4	0.3
CB11-T1-C014	Rock			0.83	0.159	6	108	0.09	86	0.005	<20	0.46	0.013	0.28	0.2	0.02	7.2	0.2	<0.05	<1	<0.5	<0.2
CB11-T1-C015	Rock			0.25	0.131	6	116	0.08	73	0.004	<20	0.42	0.008	0.26	<0.1	0.03	6.8	0.1	<0.05	<1	<0.5	<0.2
CB11-T1-C015B	Sand			<0.01	<0.001	3	<1	<0.01	<1	<0.001	<20	0.02	0.002	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
CB11-T1-C016	Rock			0.61	0.152	6	115	0.08	119	0.003	<20	0.43	0.015	0.25	0.2	0.03	6.6	<0.1	<0.05	1	<0.5	<0.2
CB11-T1-C017	Rock			0.29	0.165	8	47	0.06	362	0.013	<20	0.62	0.017	0.31	0.8	0.16	6.1	0.2	<0.05	1	0.9	<0.2
CB11-T1-C018	Rock			0.31	0.131	7	60	0.08	241	0.005	<20	0.48	0.007	0.29	0.5	0.12	6.4	0.1	<0.05	1	<0.5	<0.2
CB11-T1-G019	Rock			0.09	0.045	2	9	0.03	102	0.003	<20	0.16	0.005	0.10	0.4	0.05	2.2	<0.1	<0.05	<1	<0.5	<0.2
CB11-T1-C020	Rock			0.49	0.187	9	52	0.08	415	0.004	<20	0.71	0.006	0.41	0.6	0.39	7.9	0.3	<0.05	2	0.7	1.0
CB11-T1-C020S	Rock Pulp			1.63	0.040	2	19	0.82	<1	0.002	<20	0.40	<0.001	0.08	1.0	20.57	1.0	32.5	>10	10	>100	0.7
CB11-T1-C021	Rock			0.20	0.164	8	44	0.08	371	0.004	<20	0.61	0.006	0.34	0.4	0.29	7.5	0.3	<0.05	1	<0.5	0.6
CB11-T1-G022	Rock			0.13	0.090	4	16	0.04	178	0.003	<20	0.35	0.008	0.24	0.5	0.51	4.0	0.3	<0.05	1	0.6	1.2
CB11-T1-C023	Rock			0.34	0.160	8	99	0.27	228	0.011	<20	0.89	0.011	0.43	0.3	0.06	7.4	0.3	<0.05	2	<0.5	<0.2
CB11-T1-C024	Rock			0.30	0.156	7	101	0.21	197	0.024	<20	0.84	0.010	0.50	0.5	0.09	8.4	0.4	<0.05	2	<0.5	<0.2
CB11-T1-C025	Rock			0.37	0.141	6	161	2.52	103	0.148	<20	2.74	0.006	1.24	0.3	0.04	11.8	1.4	<0.05	8	<0.5	<0.2
CB11-T1-C026	Rock			0.52	0.145	7	182	3.64	100	0.265	<20	3.51	0.006	1.97	0.4	0.02	15.7	1.9	<0.05	10	<0.5	<0.2
CB11-T1-C027	Rock			0.63	0.152	7	197	4.11	122	0.328	<20	4.02	0.006	2.42	0.3	0.05	21.9	2.1	<0.05	12	<0.5	<0.2

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CERTIFICATE OF ANALYSIS

VAN11005720.1

Method	WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	
CB11-T1-C028	Rock	5.90	0.348	<2	0.5	275.5	15.9	94	0.8	68.7	42.2	1648	7.10	34.4	157.5	1.2	32	0.3	2.1	<0.1	167
CB11-T1-C029	Rock	3.72	0.006	<2	<0.1	51.8	4.4	89	0.1	72.0	40.0	1490	7.62	19.5	11.0	1.1	48	0.1	0.9	<0.1	232
CB11-T1-C029B	Sand	0.94	<0.005	<2	<0.1	1.2	0.9	<1	<0.1	1.3	0.3	45	0.46	<0.5	4.0	1.2	<1	<0.1	<0.1	<0.1	<2
CB11-T1-C030	Rock	3.31	0.009	<2	0.1	82.0	5.7	91	0.1	69.7	40.1	1771	7.66	19.6	12.0	1.2	42	0.1	0.7	<0.1	243
CB11-T1-C031	Rock	3.53	<0.005	<2	0.1	38.0	6.6	100	0.1	65.4	38.2	1908	6.40	17.2	4.7	1.0	84	0.1	0.6	<0.1	206
CB11-T1-C032	Rock	5.21	0.010	<2	0.5	140.1	51.1	392	0.7	59.5	36.7	2746	7.21	34.6	16.0	1.0	70	1.8	1.5	<0.1	130
CB11-T1-C033	Rock	4.73	0.009	<2	1.3	284.2	116.9	535	2.5	47.4	30.5	3261	8.05	40.4	9.0	1.4	37	3.0	2.7	<0.1	87
CB11-T1-C034	Rock	6.19	0.007	<2	0.5	130.3	70.5	249	1.2	53.5	34.7	3048	7.30	47.2	7.1	1.3	59	1.9	1.8	<0.1	73
CB11-T1-C035	Rock	3.52	0.009	<2	0.5	126.5	69.8	169	1.4	50.3	36.7	2075	7.46	42.4	7.1	1.6	26	1.2	2.6	<0.1	72



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CERTIFICATE OF ANALYSIS

VAN11005720.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2		
CB11-T1-C028	Rock	0.57	0.139	7	171	3.41	149	0.255	<20	3.41	0.006	1.78	0.3	1.29	11.5	1.4	<0.05	8	<0.5	<0.2
CB11-T1-C029	Rock	1.03	0.136	7	197	3.92	148	0.264	<20	3.79	0.010	1.83	0.1	0.02	17.6	1.1	<0.05	11	<0.5	<0.2
CB11-T1-C029B	Sand	<0.01	0.001	4	<1	<0.01	2	<0.001	<20	0.04	0.002	0.01	<0.1	0.02	0.1	<0.1	<0.05	<1	<0.5	<0.2
CB11-T1-C030	Rock	0.77	0.128	7	193	3.79	149	0.238	<20	3.42	0.019	1.69	0.2	0.04	20.6	1.0	<0.05	11	<0.5	<0.2
CB11-T1-C031	Rock	1.66	0.123	6	163	3.82	293	0.200	<20	3.32	0.015	1.47	0.1	0.02	17.7	0.8	<0.05	10	0.6	<0.2
CB11-T1-C032	Rock	1.46	0.124	6	117	1.75	203	0.098	<20	2.07	0.014	0.88	0.2	0.27	8.9	0.6	<0.05	5	<0.5	<0.2
CB11-T1-C033	Rock	0.71	0.158	8	95	0.40	340	0.042	<20	0.99	0.021	0.55	0.2	0.86	5.6	0.3	<0.05	2	<0.5	<0.2
CB11-T1-C034	Rock	1.36	0.161	8	97	0.20	318	0.016	<20	0.89	0.021	0.47	0.3	0.40	5.9	0.2	<0.05	2	<0.5	<0.2
CB11-T1-C035	Rock	0.71	0.184	9	81	0.19	194	0.018	<20	0.99	0.016	0.51	0.3	0.25	5.5	0.2	<0.05	2	<0.5	<0.2



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Project: Cariboo

Report Date: November 21, 2011

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QUALITY CONTROL REPORT

VAN11005720.1

Method	WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	
Pulp Duplicates																					
CB11-T1-C004	Rock	3.29	0.016	<2	1.5	178.7	5.1	143	0.5	9.3	17.6	1207	4.47	10.0	13.4	1.4	29	1.9	7.0	0.1	20
REP CB11-T1-C004	QC	0.027																			
CB11-T1-C020S	Rock Pulp	0.08	1.396	171	40.5	>10000	4223	>10000	>100	67.7	34.1	432	19.82	1194	86.4	0.4	28	593.9	234.0	66.7	22
REP CB11-T1-C020S	QC	1.847																			
Core Reject Duplicates																					
CB11-T1-C018	Rock	2.61	0.094	<2	1.2	77.5	50.3	214	0.9	36.6	31.8	3007	5.47	27.1	53.6	1.1	24	2.7	3.1	<0.1	29
DUP CB11-T1-C018	QC	0.093 <2 1.3 79.3 49.8 223 0.9 37.0 31.7 2941 5.52 28.6 74.7 1.2 24 2.5 3.0 <0.1 29																			
Reference Materials																					
STD DS8	Standard				13.5	114.5	122.7	322	1.8	39.3	7.7	603	2.51	23.9	99.4	6.7	69	2.4	5.1	6.4	41
STD DS8	Standard				15.2	119.7	139.2	356	1.9	38.0	7.6	628	2.52	25.0	109.0	6.9	79	2.4	3.3	6.1	44
STD OREAS153AR	Standard				<2																
STD OREAS131B-A	Standard				34																
STD OREAS153AR	Standard				<2																
STD OREAS131B-A	Standard				33																
STD OREAS153AR	Standard				<2																
STD OREAS131B-A	Standard				35																
STD OREAS45CA	Standard				0.7	499.0	19.7	60	0.3	247.5	86.2	887	14.26	3.6	41.3	6.9	17	<0.1	<0.1	0.1	209
STD OREAS45CA	Standard				0.5	542.2	22.5	70	0.3	281.6	95.6	968	17.74	3.8	44.8	8.0	18	<0.1	<0.1	0.2	202
STD OXH82	Standard	1.260																			
STD OXH82	Standard	1.314																			
STD OXH82	Standard	1.337																			
STD OXK79	Standard	3.573																			
STD OXK79	Standard	3.688																			
STD OXK79	Standard	3.678																			
STD DS8 Expected					13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1
STD OREAS45CA Expected					1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215
STD OXH82 Expected		1.278																			
STD OXK79 Expected		3.532																			



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QUALITY CONTROL REPORT

VAN11005720.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																				
CB11-T1-C004	Rock	0.30	0.142	7	4	0.08	112	0.002	<20	0.61	0.014	0.23	0.1	0.22	2.7	0.2	<0.05	1	<0.5	<0.2
REP CB11-T1-C004	QC																			
CB11-T1-C020S	Rock Pulp	1.63	0.040	2	19	0.82	<1	0.002	<20	0.40	<0.001	0.08	1.0	20.57	1.0	32.5	>10	10	>100	0.7
REP CB11-T1-C020S	QC																			
Core Reject Duplicates																				
CB11-T1-C018	Rock	0.31	0.131	7	60	0.08	241	0.005	<20	0.48	0.007	0.29	0.5	0.12	6.4	0.1	<0.05	1	<0.5	<0.2
DUP CB11-T1-C018	QC	0.32	0.138	7	58	0.09	253	0.005	<20	0.57	0.008	0.29	0.4	0.12	6.4	0.1	<0.05	1	<0.5	<0.2
Reference Materials																				
STD DS8	Standard	0.70	0.076	15	114	0.62	274	0.124	<20	0.94	0.098	0.42	2.3	0.18	2.0	5.3	0.16	4	5.5	4.7
STD DS8	Standard	0.76	0.074	18	120	0.63	292	0.108	<20	1.00	0.101	0.41	1.6	0.21	2.2	5.4	0.17	5	4.8	5.1
STD OREAS153AR	Standard																			
STD OREAS131B-A	Standard																			
STD OREAS153AR	Standard																			
STD OREAS131B-A	Standard																			
STD OREAS153AR	Standard																			
STD OREAS131B-A	Standard																			
STD OREAS45CA	Standard	0.39	0.037	16	603	0.17	159	0.128	<20	3.54	0.008	0.07	<0.1	0.03	37.9	<0.1	<0.05	18	0.8	<0.2
STD OREAS45CA	Standard	0.47	0.043	18	693	0.17	170	0.122	<20	4.33	0.010	0.09	<0.1	0.04	42.9	<0.1	<0.05	21	0.6	<0.2
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OREAS45CA Expected		0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
STD OXH82 Expected																				
STD OXK79 Expected																				



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Project: Cariboo

Report Date: November 21, 2011

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

VAN11005720.1

		WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
STD OREAS131B-A				33.3																	
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<2																	
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<2																	
BLK	Blank			<2																	
Prep Wash																					
G1	Prep Blank	<0.01	<0.005	<2	0.2	3.2	3.0	45	<0.1	2.6	3.8	580	2.05	0.7	<0.5	5.5	67	0.2	0.1	0.3	39
G1	Prep Blank	<0.01	<0.005	<2	0.1	2.5	3.1	46	<0.1	2.5	3.8	563	2.03	<0.5	<0.5	5.6	66	0.1	0.2	0.3	38



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Project: Cariboo

Report Date: November 21, 2011

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

VAN11005720.1

		1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD OREAS131B-A																				
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1	Prep Blank	0.46	0.073	14	6	0.48	149	0.140	<20	0.93	0.093	0.49	1.8	<0.01	2.0	0.2	<0.05	5	<0.5	<0.2
G1	Prep Blank	0.48	0.071	14	8	0.49	147	0.140	<20	0.91	0.090	0.46	1.4	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2



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Submitted By: Tim Gallagher
Receiving Lab: Canada-Vancouver
Received: December 02, 2011
Report Date: December 07, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN11005720R.1

CLIENT JOB INFORMATION

Project: Cariboo
Shipment ID: CB11-01
P.O. Number
Number of Samples: 39

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Row 1: G601, 39, Fire Assay fusion Au by ICP-ES, 30, Completed, VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 90 days

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: Excalibur Resources Ltd.
Suite 400, 20 Adelaide Street East
Toronto ON M5C 2T6
Canada

CC: Andrew Robertson
Linda Dandy
Fiona Katay



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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Project: Cariboo
Report Date: December 07, 2011

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

VAN11005720R.1

Method	G6
Analyte	Au
Unit	gm/t
MDL	0.005
CB11-T1-C001	Rock 0.016
CB11-T1-G002	Rock 0.012
CB11-T1-C003	Rock 0.019
CB11-T1-C003S	Rock Pulp 2.110
CB11-T1-C004	Rock 0.021
CB11-T1-G005	Rock 0.025
CB11-T1-C006	Rock 0.015
CB11-T1-G007	Rock 0.014
CB11-T1-C008	Rock 0.691
CB11-T1-G009	Rock 2.067
CB11-T1-C010	Rock 4.476
CB11-T1-G011	Rock 6.906
CB11-T1-C012	Rock 2.977
CB11-T1-G013	Rock 0.213
CB11-T1-C014	Rock 0.043
CB11-T1-C015	Rock 0.016
CB11-T1-C015B	Sand <0.005
CB11-T1-C016	Rock <0.005
CB11-T1-C017	Rock 0.207
CB11-T1-C018	Rock 0.085
CB11-T1-G019	Rock <0.005
CB11-T1-C020	Rock 0.150
CB11-T1-C020S	Rock Pulp 2.112
CB11-T1-C021	Rock 0.119
CB11-T1-G022	Rock 0.642
CB11-T1-C023	Rock 0.029
CB11-T1-C024	Rock <0.005
CB11-T1-C025	Rock <0.005
CB11-T1-C026	Rock 0.017
CB11-T1-C027	Rock 0.011



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Project: Cariboo
Report Date: December 07, 2011

Page: 3 of 3 **Part** 1

CERTIFICATE OF ANALYSIS

VAN11005720R.1

	Method	G6
	Analyte	Au
	Unit	gm/t
	MDL	0.005
CB11-T1-C028	Rock	0.176
CB11-T1-C029	Rock	<0.005
CB11-T1-C029B	Sand	<0.005
CB11-T1-C030	Rock	0.008
CB11-T1-C031	Rock	<0.005
CB11-T1-C032	Rock	0.009
CB11-T1-C033	Rock	0.006
CB11-T1-C034	Rock	<0.005
CB11-T1-C035	Rock	0.008



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Project: Cariboo

Report Date: December 07, 2011

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

VAN11005720R.1

	Method	G6
	Analyte	Au
	Unit	gm/t
	MDL	0.005
Reference Materials		
STD OXH82	Standard	1.385
STD OXH82	Standard	1.232
STD OXH82	Standard	1.369
STD OXK79	Standard	3.803
STD OXK79	Standard	3.531
STD OXK79	Standard	3.790
STD OXH82 Expected		1.278
STD OXK79 Expected		3.532
BLK	Blank	<0.005
BLK	Blank	<0.005
BLK	Blank	<0.005
BLK	Blank	<0.005
BLK	Blank	<0.005
BLK	Blank	<0.005



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Submitted By: Tim Gallagher
Receiving Lab: Canada-Vancouver
Received: October 24, 2011
Report Date: November 14, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN11005721.1

CLIENT JOB INFORMATION

Project: Cariboo
Shipment ID: CB11-02
P.O. Number
Number of Samples: 22

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
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.

Invoice To: Excalibur Resources Ltd.
Suite 400, 20 Adelaide Street East
Toronto ON M5C 2T6
Canada

CC: Andrew Robertson
Linda Dandy
Fiona Katay

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-1000, P200, G603, and 1DX1.

ADDITIONAL COMMENTS



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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Project: Cariboo
 Report Date: November 14, 2011

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN11005721.1

Method	WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	
CB11-G001	Rock	1.07	<0.005	<2	0.2	23.0	12.2	50	0.4	19.6	13.2	3061	3.12	4.1	2.0	1.9	434	0.1	0.9	0.8	33
CB11-G002	Rock	2.65	0.021	10	2.2	1746	2391	3429	12.2	41.6	33.6	>10000	4.24	26.7	18.0	0.7	772	37.9	7.0	<0.1	<2
CB11-G003	Rock	1.81	<0.005	<2	0.3	4.1	34.3	195	<0.1	19.9	15.3	5955	3.04	4.1	2.4	1.8	208	0.8	1.0	<0.1	37
CB11-G004	Rock	1.30	<0.005	<2	1.0	79.6	7.3	109	<0.1	16.1	18.1	1162	6.57	4.6	7.5	0.7	12	0.4	0.3	0.4	50
CB11-G005	Rock	2.79	0.008	<2	1.6	45.8	84.7	335	0.5	29.9	9.4	1364	5.75	37.7	3.3	0.3	19	1.7	1.2	0.3	7
CB11-G006	Rock	1.45	0.198	3	0.5	3399	5.7	74	3.6	5.4	22.6	2560	2.37	3.8	61.3	0.3	7	0.2	0.5	0.2	25
CB11-G007	Rock	0.59	<0.005	<2	0.3	226.1	10.3	45	0.3	32.4	17.8	1051	3.68	8.6	2.3	0.5	55	0.3	0.8	<0.1	108
CB11-G007S	Rock Pulp	0.07	2.146	170	37.5	>10000	4417	>10000	>100	61.7	31.9	393	17.34	1138	59.2	0.3	23	545.2	195.3	53.8	19
CB11-G008	Rock	1.92	<0.005	4	2.3	1088	539.1	738	3.3	187.2	91.5	>10000	5.42	123.6	1.5	0.7	679	44.1	37.3	2.6	36
CB11-G009	Rock	0.64	0.025	9	0.2	>10000	8.9	53	8.5	10.9	9.9	433	3.09	71.1	12.7	0.9	39	0.8	134.7	0.1	32
CB11-G010	Rock	1.81	<0.005	<2	0.1	21.4	17.2	93	<0.1	20.3	14.2	5450	2.83	4.3	<0.5	1.8	217	0.9	1.9	<0.1	37
CB11-G011	Rock	1.89	<0.005	<2	1.5	123.1	154.6	973	0.8	23.2	19.3	>10000	4.13	28.9	3.2	2.2	285	7.5	3.9	<0.1	17
CB11-G012	Rock	1.95	0.009	4	2.8	488.8	629.0	2333	4.0	42.7	38.7	>10000	5.71	33.6	7.7	1.9	344	28.4	7.6	<0.1	<2
CB11-G013	Rock	1.88	<0.005	<2	0.3	77.6	110.7	253	0.4	14.5	15.1	5535	2.86	10.0	<0.5	1.7	148	3.2	2.1	<0.1	25
CB11-G013B	Sand	0.92	<0.005	<2	0.1	4.1	1.3	9	<0.1	1.2	0.3	131	0.35	<0.5	<0.5	1.2	3	<0.1	<0.1	<0.1	<2
CB11-G014	Rock	1.30	<0.005	<2	<0.1	14.6	15.5	170	<0.1	63.1	24.1	1729	3.96	3.5	<0.5	1.2	332	0.7	0.6	<0.1	43
CB11-G015	Rock	2.53	0.018	19	2.8	8320	364.8	1416	6.1	99.8	58.1	>10000	5.39	85.7	18.2	0.4	257	17.1	155.3	<0.1	<2
CB11-G016	Rock	1.11	0.116	18	1.7	4766	389.1	2583	9.1	52.5	30.9	>10000	3.56	45.8	63.3	0.5	263	32.5	64.1	<0.1	<2
CB11-G017	Rock	1.96	0.042	44	3.4	2497	274.0	1513	27.9	74.6	45.8	>10000	6.29	324.0	0.8	0.6	223	17.2	707.7	<0.1	<2
CB11-G018	Rock	2.34	2.807	15	5.2	57.8	170.7	549	15.0	8.6	8.0	4442	2.00	27.3	2661	<0.1	50	7.6	10.5	<0.1	25
CB11-G019	Rock	2.92	2.995	13	6.3	70.3	228.1	599	12.5	12.9	19.6	3968	3.11	59.4	2620	0.2	66	6.0	9.6	0.3	20
CB11-G020	Rock	3.96	0.018	<2	1.3	123.4	3.3	35	0.3	3.8	11.0	856	2.78	2.4	18.0	0.3	22	0.3	0.4	<0.1	4



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Project: Cariboo
 Report Date: November 14, 2011

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

VAN11005721.1

Method	Analyte	Unit	MDL	1DX Ca	1DX P	1DX La	1DX Cr	1DX Mg	1DX Ba	1DX Ti	1DX B	1DX Al	1DX Na	1DX K	1DX W	1DX Hg	1DX Sc	1DX Ti	1DX S	1DX Ga	1DX Se	1DX Te
				%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
				0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
CB11-G001	Rock			4.13	0.206	11	47	0.57	177	0.005	<20	0.65	0.034	0.37	<0.1	0.02	1.5	<0.1	<0.05	1	0.6	<0.2
CB11-G002	Rock			5.57	0.121	3	9	1.22	1202	0.006	<20	0.20	0.006	0.20	0.1	3.42	1.5	<0.1	0.26	2	<0.5	<0.2
CB11-G003	Rock			5.39	0.222	9	29	1.98	225	0.022	<20	0.44	0.022	0.39	0.3	0.11	2.5	<0.1	<0.05	1	<0.5	<0.2
CB11-G004	Rock			0.06	0.118	3	9	0.65	52	0.001	<20	1.32	0.023	0.11	<0.1	0.04	3.9	<0.1	0.64	3	5.5	0.3
CB11-G005	Rock			0.38	0.057	3	3	0.08	32	<0.001	<20	0.16	0.015	0.05	<0.1	0.29	2.0	<0.1	0.06	<1	1.7	<0.2
CB11-G006	Rock			0.09	0.031	4	10	0.06	64	0.005	<20	0.22	0.006	0.06	<0.1	0.07	4.1	<0.1	<0.05	<1	0.5	0.3
CB11-G007	Rock			0.35	0.078	3	96	2.02	105	0.059	<20	1.91	0.031	0.24	<0.1	0.01	7.7	<0.1	<0.05	6	<0.5	<0.2
CB11-G007S	Rock Pulp			1.73	0.039	1	16	0.80	<1	<0.001	<20	0.30	<0.001	0.07	0.8	18.64	0.8	29.3	>10	8	>100	0.6
CB11-G008	Rock			12.26	0.082	3	88	2.23	63	0.027	<20	1.23	0.004	0.37	<0.1	0.30	3.7	0.3	0.09	4	1.4	<0.2
CB11-G009	Rock			0.45	0.195	3	32	0.27	43	0.002	22	0.59	0.095	0.02	<0.1	9.61	3.1	<0.1	0.57	2	1.0	<0.2
CB11-G010	Rock			5.21	0.239	11	33	1.29	92	0.036	<20	0.33	0.017	0.28	0.2	<0.01	2.6	<0.1	<0.05	<1	<0.5	<0.2
CB11-G011	Rock			0.62	0.241	11	23	0.06	93	0.028	<20	0.38	0.058	0.28	0.2	0.41	2.4	0.1	0.05	2	<0.5	<0.2
CB11-G012	Rock			0.54	0.209	10	36	0.08	442	0.019	<20	0.38	0.038	0.29	0.3	2.87	2.7	0.2	<0.05	3	0.5	<0.2
CB11-G013	Rock			4.31	0.219	8	21	1.12	51	0.032	<20	0.33	0.005	0.32	0.2	0.18	2.4	<0.1	0.07	1	<0.5	<0.2
CB11-G013B	Sand			<0.01	0.002	4	5	<0.01	2	<0.001	<20	0.04	0.002	0.02	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
CB11-G014	Rock			6.20	0.173	7	133	2.61	177	0.012	<20	1.05	0.020	0.33	<0.1	0.03	2.9	0.2	<0.05	2	<0.5	<0.2
CB11-G015	Rock			9.73	0.080	2	9	3.49	136	0.002	<20	0.11	0.041	0.10	0.1	1.27	2.3	0.2	0.73	<1	<0.5	<0.2
CB11-G016	Rock			7.25	0.076	2	<1	2.44	382	0.002	<20	0.14	0.037	0.11	0.1	2.08	1.4	<0.1	0.44	<1	<0.5	<0.2
CB11-G017	Rock			5.94	0.141	2	10	2.40	81	0.002	<20	0.11	0.035	0.10	<0.1	3.04	3.3	<0.1	0.25	1	<0.5	<0.2
CB11-G018	Rock			1.21	0.015	<1	6	0.21	608	<0.001	<20	0.08	0.005	0.04	0.2	0.84	1.2	0.1	0.06	<1	0.6	<0.2
CB11-G019	Rock			1.60	0.045	1	8	0.21	413	0.001	<20	0.17	0.021	0.07	0.2	0.92	2.4	0.2	0.31	<1	1.0	0.3
CB11-G020	Rock			0.15	0.060	2	6	0.03	38	<0.001	<20	0.18	0.007	0.12	<0.1	0.02	1.4	<0.1	<0.05	<1	<0.5	<0.2



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Project: Cariboo
Report Date: November 14, 2011

Page: 1 of 2 **Part** 1

QUALITY CONTROL REPORT

VAN11005721.1

Method	WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	
Pulp Duplicates																					
CB11-G020	Rock	3.96	0.018	<2	1.3	123.4	3.3	35	0.3	3.8	11.0	856	2.78	2.4	18.0	0.3	22	0.3	0.4	<0.1	4
REP CB11-G020	QC		0.018																		
Core Reject Duplicates																					
CB11-G019	Rock	2.92	2.995	13	6.3	70.3	228.1	599	12.5	12.9	19.6	3968	3.11	59.4	2620	0.2	66	6.0	9.6	0.3	20
DUP CB11-G019	QC		3.098	13	6.0	67.7	242.7	633	12.6	14.3	20.2	3945	3.16	62.1	2866	0.2	70	6.4	9.1	0.3	26
Reference Materials																					
STD DS8	Standard				13.3	108.0	119.2	305	1.7	36.4	7.3	645	2.50	25.3	87.0	6.7	78	2.2	4.3	6.5	43
STD DS8	Standard				13.3	115.3	122.6	315	1.8	39.6	7.7	600	2.56	25.1	99.5	6.9	68	2.3	4.4	6.4	44
STD OREAS153AR	Standard			<2																	
STD OREAS131B-A	Standard			36																	
STD OREAS45CA	Standard				0.8	524.7	20.7	66	0.3	261.6	92.9	942	16.49	3.1	38.3	7.3	20	0.1	<0.1	0.2	229
STD OREAS45CA	Standard				0.6	521.5	22.9	64	0.3	260.4	92.1	951	15.95	3.9	53.7	7.8	16	0.1	<0.1	0.2	224
STD OXH82	Standard		1.291																		
STD OXH82	Standard		1.314																		
STD OXK79	Standard		3.446																		
STD OXK79	Standard		3.688																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	
STD OREAS131B-A			33.3																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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	<0.1	<2
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	<0.1	<2
BLK	Blank			<2																	
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

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Project: Cariboo
Report Date: November 14, 2011

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

VAN11005721.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																				
CB11-G020	Rock	0.15	0.060	2	6	0.03	38	<0.001	<20	0.18	0.007	0.12	<0.1	0.02	1.4	<0.1	<0.05	<1	<0.5	<0.2
REP CB11-G020	QC																			
Core Reject Duplicates																				
CB11-G019	Rock	1.60	0.045	1	8	0.21	413	0.001	<20	0.17	0.021	0.07	0.2	0.92	2.4	0.2	0.31	<1	1.0	0.3
DUP CB11-G019	QC	1.69	0.041	1	9	0.22	398	0.001	<20	0.18	0.023	0.08	0.3	0.97	2.5	0.2	0.26	<1	1.6	0.4
Reference Materials																				
STD DS8	Standard	0.72	0.071	15	120	0.62	270	0.108	<20	0.95	0.091	0.42	2.3	0.23	2.0	5.1	0.17	5	5.2	5.1
STD DS8	Standard	0.74	0.076	15	115	0.63	289	0.117	<20	0.98	0.096	0.43	2.7	0.22	2.1	5.3	0.16	5	4.4	5.1
STD OREAS153AR	Standard																			
STD OREAS131B-A	Standard																			
STD OREAS45CA	Standard	0.45	0.038	17	687	0.16	154	0.142	<20	3.99	0.008	0.08	<0.1	0.02	36.1	<0.1	<0.05	20	0.9	<0.2
STD OREAS45CA	Standard	0.43	0.042	17	725	0.16	168	0.117	<20	3.88	0.007	0.08	<0.1	0.03	40.8	<0.1	<0.05	20	<0.5	<0.2
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OREAS45CA Expected		0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
STD OREAS131B-A																				
STD OXH82 Expected																				
STD OXK79 Expected																				
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																			
BLK	Blank																			
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Report Date: November 14, 2011

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

VAN11005721.1

		WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
		kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	
Prep Wash																						
G1	Prep Blank	<0.01	<0.005	<2	0.1	2.7	3.4	45	<0.1	2.7	4.0	553	2.03	0.7	<0.5	5.8	65	<0.1	<0.1	<0.1	38	
G1	Prep Blank	<0.01	<0.005	<2	0.1	3.0	3.7	49	<0.1	2.7	4.0	587	2.13	0.8	<0.5	7.5	68	<0.1	<0.1	<0.1	38	



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QUALITY CONTROL REPORT

VAN11005721.1

		1DX Ca	1DX P	1DX La	1DX Cr	1DX Mg	1DX Ba	1DX Ti	1DX B	1DX Al	1DX Na	1DX K	1DX W	1DX Hg	1DX Sc	1DX Ti	1DX S	1DX Ga	1DX Se	1DX Te	
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
		0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Prep Wash																					
G1	Prep Blank	0.48	0.073	14	7	0.48	161	0.119	<20	1.01	0.111	0.48	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.52	0.079	16	7	0.51	174	0.131	<20	0.96	0.093	0.48	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2	



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Submitted By: Tim Gallagher
Receiving Lab: Canada-Vancouver
Received: October 25, 2011
Report Date: December 04, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN11005740.1

CLIENT JOB INFORMATION

Project: Cariboo
Shipment ID: CB11-03
P.O. Number
Number of Samples: 55

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
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.

Invoice To: Excalibur Resources Ltd.
Suite 400, 20 Adelaide Street East
Toronto ON M5C 2T6
Canada

CC: Andrew Robertson
Linda Dandy
Fiona Katay

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-1000, P200, G603, and 1DX1.

ADDITIONAL COMMENTS



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Project: Cariboo

Report Date: December 04, 2011

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CERTIFICATE OF ANALYSIS

VAN11005740.1

Method	WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	
CB11-T2-C001	Rock	2.34	<0.005	<2	0.2	31.8	4.6	61	<0.1	6.1	9.2	1047	2.63	3.0	<0.5	2.3	32	0.3	0.5	<0.1	16
CB11-T2-C002	Rock	2.97	<0.005	<2	0.2	54.6	8.4	52	0.1	229.1	30.0	778	4.13	4.9	2.7	3.1	128	0.2	0.3	<0.1	100
CB11-T2-C003	Rock	4.14	<0.005	<2	0.2	13.4	4.5	48	<0.1	4.8	7.6	991	2.25	3.2	1.5	2.1	33	0.2	0.6	<0.1	14
CB11-T2-C004	Rock	3.59	<0.005	<2	0.9	105.0	67.2	400	0.3	29.1	25.4	>10000	3.25	14.8	5.0	1.9	46	4.8	0.9	0.2	15
CB11-T2-C005	Rock	3.99	<0.005	<2	2.4	114.0	289.7	591	1.5	40.7	41.3	>10000	4.05	18.9	4.3	2.3	106	11.5	1.0	2.2	11
CB11-T2-C006	Rock	3.96	<0.005	<2	1.9	254.8	108.2	374	2.3	38.6	31.4	>10000	4.05	12.6	3.8	1.7	133	4.2	0.9	2.4	13
CB11-T2-C007	Rock	3.36	<0.005	<2	0.9	257.8	117.4	774	1.7	56.0	33.9	>10000	5.29	8.6	3.5	1.8	96	5.7	1.5	1.5	59
CB11-T2-C008	Rock	4.29	<0.005	<2	0.5	80.3	16.1	60	0.3	10.5	15.1	2044	2.47	6.4	<0.5	2.7	52	0.8	0.8	0.3	11
CB11-T2-C009	Rock	2.63	<0.005	<2	0.5	228.5	36.6	77	1.1	24.1	26.1	3425	3.63	7.4	2.1	2.4	35	0.9	1.6	1.7	19
CB11-T2-C010	Rock	4.00	<0.005	<2	0.3	70.8	28.2	88	0.4	13.0	14.0	2028	2.69	4.4	2.9	2.7	34	0.7	1.5	0.9	14
CB11-T2-C010S	Rock Pulp	0.07	2.176	177	42.7	>10000	>10000	>10000	>100	70.4	36.4	502	18.72	1112	107.6	0.4	32	627.0	259.1	84.5	19
CB11-T2-C011	Rock	3.21	0.008	<2	0.2	123.2	14.7	98	0.3	13.3	11.3	1512	2.85	4.7	<0.5	2.2	40	0.4	1.0	0.4	32
CB11-T2-C012	Rock	2.18	<0.005	<2	0.3	162.0	6.4	201	0.2	43.3	22.7	2487	4.29	8.4	<0.5	2.0	59	0.6	1.3	<0.1	65
CB11-T2-C013	Rock	3.82	0.007	<2	0.7	131.1	26.7	117	0.4	17.3	18.3	4008	3.05	9.9	1.0	2.1	42	0.9	1.0	0.9	25
CB11-T2-C014	Rock	4.58	<0.005	<2	0.3	25.9	5.2	82	<0.1	6.6	9.9	1309	2.37	2.1	1.6	2.2	37	0.3	0.7	<0.1	15
CB11-T3-C001	Rock	3.15	<0.005	<2	1.0	157.1	217.5	572	0.5	104.9	46.9	>10000	5.52	15.1	<0.5	1.7	149	13.1	2.1	0.6	53
CB11-T3-C002	Rock	4.10	0.006	<2	7.3	237.1	190.8	1305	1.2	139.7	47.7	>10000	5.21	27.0	2.0	1.0	231	20.9	6.2	0.4	83
CB11-T3-C003	Rock	3.08	<0.005	<2	1.5	123.9	9.1	183	0.4	72.6	29.4	6052	4.61	8.7	4.5	1.5	97	1.2	1.3	0.2	105
CB11-T3-C004	Rock	3.86	<0.005	<2	0.2	118.8	56.9	67	0.2	14.9	11.1	1243	2.85	2.2	<0.5	2.4	91	0.4	0.3	0.1	37
CB11-T3-G005	Rock	2.43	<0.005	<2	1.6	196.5	493.3	650	1.3	215.8	89.3	>10000	11.41	50.5	<0.5	2.1	283	9.1	1.4	2.1	98
CB11-T3-G006	Rock	4.06	0.016	3	29.0	1203	134.6	>10000	6.2	285.5	104.6	>10000	7.12	91.8	13.1	0.8	324	285.5	13.1	0.6	88
CB11-T3-G007	Rock	2.34	<0.005	<2	0.2	163.7	8.3	296	0.6	116.3	37.3	8117	5.27	10.3	2.8	1.4	213	1.2	0.9	0.3	104
CB11-T3-G008	Rock	4.33	<0.005	<2	0.2	38.3	42.7	54	<0.1	6.2	7.9	974	2.61	2.8	0.9	2.6	91	0.5	0.5	0.1	19
CB11-T3-G008S	Rock Pulp	0.07	2.182	173	39.6	>10000	5681	>10000	>100	66.9	33.8	429	18.59	1130	101.6	0.4	28	576.9	231.2	73.0	21
CB11-T4-C001	Rock	3.77	0.015	<2	0.5	97.8	5.9	58	0.2	6.4	10.5	1368	2.64	6.2	12.2	2.9	28	0.3	0.4	0.1	9
CB11-T4-C002	Rock	4.01	0.011	<2	0.2	25.4	4.3	54	<0.1	5.1	10.5	1289	2.72	1.5	13.9	3.0	28	0.2	0.3	<0.1	9
CB11-T4-C003	Rock	4.39	0.065	<2	0.9	112.4	10.9	73	0.4	19.6	51.8	1560	4.64	6.5	53.2	1.4	33	0.3	1.0	0.4	26
CB11-T4-G004	Rock	5.79	0.008	<2	1.5	66.0	10.7	49	0.2	7.1	26.3	1399	3.06	4.5	5.1	0.3	48	0.3	0.4	0.2	6
CB11-T4-C005	Rock	2.84	0.012	<2	0.3	106.3	6.6	60	0.2	12.7	20.4	1680	3.86	2.8	38.2	1.2	22	0.3	0.9	<0.1	22
CB11-T4-C005B	Sand	0.77	<0.005	<2	0.3	3.8	0.5	1	<0.1	1.9	0.7	75	0.65	<0.5	1.6	1.2	<1	<0.1	<0.1	<0.1	<2



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Project: Cariboo
 Report Date: December 04, 2011

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CERTIFICATE OF ANALYSIS

VAN11005740.1

Method	Analyte	Unit	MDL	1DX Ca	1DX P	1DX La	1DX Cr	1DX Mg	1DX Ba	1DX Ti	1DX B	1DX Al	1DX Na	1DX K	1DX W	1DX Hg	1DX Sc	1DX Ti	1DX S	1DX Ga	1DX Se	1DX Te
				%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
				0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
CB11-T2-C001	Rock			0.47	0.109	10	6	0.59	86	0.006	<20	0.93	0.039	0.25	<0.1	<0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
CB11-T2-C002	Rock			1.14	0.228	25	179	4.08	481	0.296	<20	2.68	0.064	0.49	<0.1	0.01	4.9	0.4	<0.05	8	<0.5	<0.2
CB11-T2-C003	Rock			0.55	0.103	10	4	0.33	91	0.010	<20	0.72	0.035	0.32	<0.1	0.01	1.1	0.1	<0.05	2	<0.5	<0.2
CB11-T2-C004	Rock			0.65	0.212	12	49	0.05	285	0.005	<20	0.54	0.024	0.23	<0.1	0.43	1.4	<0.1	<0.05	1	<0.5	<0.2
CB11-T2-C005	Rock			0.47	0.252	12	23	0.05	773	0.006	<20	0.71	0.012	0.28	0.1	0.70	1.7	0.1	0.05	2	<0.5	<0.2
CB11-T2-C006	Rock			0.83	0.197	10	26	0.16	433	0.015	<20	0.72	0.021	0.34	0.1	0.31	1.9	0.2	<0.05	2	<0.5	<0.2
CB11-T2-C007	Rock			0.96	0.220	9	74	0.74	395	0.071	<20	1.14	0.017	0.51	<0.1	0.55	3.7	0.9	<0.05	4	<0.5	<0.2
CB11-T2-C008	Rock			0.88	0.130	15	12	0.09	111	0.007	<20	0.52	0.028	0.30	<0.1	0.01	1.1	0.1	<0.05	1	<0.5	<0.2
CB11-T2-C009	Rock			0.44	0.199	14	41	0.11	190	0.008	<20	0.61	0.025	0.33	0.1	0.03	1.7	0.1	<0.05	1	<0.5	<0.2
CB11-T2-C010	Rock			0.34	0.123	17	22	0.15	159	0.014	<20	0.70	0.030	0.38	<0.1	0.02	1.2	0.2	<0.05	2	0.7	<0.2
CB11-T2-C010S	Rock Pulp			1.56	0.040	2	16	0.78	2	0.001	<20	0.42	0.002	0.06	0.9	19.36	0.8	36.9	>10	9	>100	1.0
CB11-T2-C011	Rock			0.44	0.150	13	24	0.42	143	0.021	<20	1.10	0.056	0.61	<0.1	0.02	1.5	0.3	<0.05	2	<0.5	<0.2
CB11-T2-C012	Rock			0.68	0.277	11	71	1.00	205	0.059	<20	1.49	0.059	0.64	<0.1	0.04	2.5	0.5	<0.05	4	<0.5	<0.2
CB11-T2-C013	Rock			0.42	0.190	13	33	0.09	234	0.007	<20	0.84	0.053	0.44	0.1	0.04	1.4	0.1	<0.05	2	<0.5	<0.2
CB11-T2-C014	Rock			0.39	0.102	15	6	0.16	140	0.008	<20	0.86	0.056	0.48	<0.1	0.02	1.1	0.2	<0.05	2	<0.5	<0.2
CB11-T3-C001	Rock			1.51	0.157	10	98	1.14	332	0.067	<20	1.43	0.031	0.70	<0.1	0.25	3.1	0.3	<0.05	4	<0.5	<0.2
CB11-T3-C002	Rock			5.03	0.133	5	171	2.31	179	0.103	<20	2.08	0.018	0.75	<0.1	0.51	4.8	0.3	<0.05	5	<0.5	<0.2
CB11-T3-C003	Rock			1.82	0.128	10	125	2.04	284	0.090	<20	2.12	0.076	0.58	<0.1	0.04	6.3	0.3	<0.05	6	<0.5	<0.2
CB11-T3-C004	Rock			1.12	0.114	15	23	0.80	99	0.047	<20	1.18	0.073	0.60	<0.1	0.01	2.2	0.2	<0.05	3	<0.5	<0.2
CB11-T3-G005	Rock			0.71	0.257	11	258	0.88	1349	0.091	<20	1.51	0.018	0.96	0.2	0.22	5.9	0.4	<0.05	5	<0.5	<0.2
CB11-T3-G006	Rock			5.87	0.137	3	196	2.72	153	0.076	<20	1.91	0.024	0.69	<0.1	5.38	4.5	0.2	0.44	5	1.2	<0.2
CB11-T3-G007	Rock			6.62	0.158	9	204	2.89	186	0.149	<20	2.25	0.023	0.92	<0.1	0.03	6.8	0.3	<0.05	7	0.6	<0.2
CB11-T3-G008	Rock			1.05	0.109	18	1	0.48	105	0.050	<20	0.86	0.041	0.55	<0.1	<0.01	1.0	0.2	<0.05	3	<0.5	<0.2
CB11-T3-G008S	Rock Pulp			1.74	0.040	2	20	0.78	<1	0.002	<20	0.33	<0.001	0.06	1.0	19.72	0.8	30.1	>10	8	>100	0.7
CB11-T4-C001	Rock			0.21	0.109	16	3	0.04	97	0.004	<20	0.49	0.030	0.17	0.2	0.03	1.7	<0.1	<0.05	1	<0.5	<0.2
CB11-T4-C002	Rock			0.19	0.108	17	4	0.04	92	0.009	<20	0.50	0.030	0.15	0.2	0.01	1.6	<0.1	<0.05	1	<0.5	<0.2
CB11-T4-C003	Rock			0.27	0.143	7	10	0.21	83	0.011	<20	0.74	0.015	0.18	0.3	0.04	2.8	<0.1	0.13	1	<0.5	<0.2
CB11-T4-G004	Rock			0.57	0.057	2	5	0.12	59	0.001	<20	0.19	0.012	0.06	<0.1	<0.01	2.3	<0.1	0.07	<1	<0.5	<0.2
CB11-T4-C005	Rock			0.17	0.103	7	9	0.14	81	0.012	<20	0.46	0.010	0.13	0.3	0.02	3.0	<0.1	<0.05	<1	<0.5	<0.2
CB11-T4-C005B	Sand			<0.01	0.001	4	4	<0.01	2	0.001	<20	0.05	0.002	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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.



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Project: Cariboo
 Report Date: December 04, 2011

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CERTIFICATE OF ANALYSIS

VAN11005740.1

Method	WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	
CB11-T4-G006	Rock	4.23	0.010	<2	0.3	21.9	3.2	27	<0.1	4.9	5.2	781	1.86	2.2	3.7	0.2	5	<0.1	0.8	<0.1	4
CB11-T4-C007	Rock	3.11	0.009	<2	0.2	122.0	7.9	84	0.1	15.5	24.7	2020	4.33	2.5	4.2	1.7	35	0.3	0.9	<0.1	30
CB11-T4-C008	Rock	3.24	0.016	<2	0.4	143.1	15.2	118	0.2	12.3	27.9	2286	5.17	9.1	19.4	1.7	35	0.5	1.1	0.2	28
CB11-T4-C009	Rock	2.99	0.017	<2	0.5	140.2	18.8	91	0.4	10.0	28.5	2528	4.74	6.7	19.8	1.7	31	0.4	0.4	0.1	27
CB11-T4-C010	Rock	2.27	0.015	<2	0.5	175.3	16.0	73	0.4	13.5	28.1	1907	4.68	15.3	26.0	2.0	33	0.4	0.4	<0.1	28
CB11-T4-C011	Rock	3.65	0.016	<2	0.3	137.3	27.1	122	0.5	15.0	25.7	1699	5.40	9.5	14.9	1.7	43	0.3	0.3	<0.1	39
CB11-T4-C012	Rock	2.74	0.021	<2	0.3	113.4	24.7	120	0.5	19.3	29.2	2089	5.74	12.6	19.2	2.3	55	0.3	0.4	<0.1	47
CB11-T4-C013	Rock	2.16	0.021	<2	0.3	75.3	27.1	128	0.5	21.2	30.2	1989	5.73	13.3	17.3	1.8	58	0.3	0.2	<0.1	46
CB11-T4-C014	Rock	2.39	<0.005	<2	0.2	45.6	10.1	84	<0.1	16.5	19.4	2057	4.05	3.7	9.4	2.1	38	0.2	<0.1	<0.1	24
CB11-T4-C015	Rock	3.86	<0.005	<2	0.2	66.6	10.6	62	0.2	4.3	12.5	1937	2.87	6.8	3.3	2.7	36	0.1	<0.1	<0.1	10
CB11-T4-C016	Rock	2.81	<0.005	<2	<0.1	45.6	6.9	55	<0.1	3.9	11.9	1477	2.76	2.1	2.9	3.1	31	0.1	0.1	<0.1	9
CB11-T4-C017	Rock	2.85	<0.005	<2	0.2	37.5	7.6	77	<0.1	4.3	11.0	1316	2.78	1.8	3.4	3.1	36	0.2	<0.1	<0.1	10
CB11-T4-C018	Rock	3.83	<0.005	<2	<0.1	25.0	6.6	62	<0.1	4.2	10.3	1268	2.82	1.6	4.4	3.1	33	0.1	<0.1	<0.1	11
CB11-T4-C019	Rock	3.37	0.007	<2	0.1	21.3	5.9	45	<0.1	3.3	9.8	1455	2.49	1.3	3.8	3.0	34	<0.1	<0.1	<0.1	12
CB11-T4-C020	Rock	2.05	<0.005	<2	0.1	20.0	6.8	45	<0.1	5.1	9.8	1266	2.79	1.2	2.4	2.9	26	0.2	<0.1	<0.1	10
CB11-T4-C021	Rock	2.52	<0.005	<2	0.4	19.9	8.3	129	<0.1	6.7	11.4	1330	2.97	0.8	<0.5	2.6	41	0.1	0.1	<0.1	19
CB11-T4-C022	Rock	2.87	<0.005	<2	<0.1	29.2	9.7	115	<0.1	5.9	9.5	1629	2.78	1.2	0.7	2.5	72	0.2	0.1	0.1	18
CB11-T4-C022B	Sand	0.79	<0.005	<2	0.2	1.5	0.4	<1	<0.1	1.2	0.3	59	0.52	<0.5	<0.5	1.3	<1	<0.1	<0.1	<0.1	<2
CB11-G021	Rock	2.65	0.249	<2	2.5	120.6	14.6	36	0.5	7.6	19.2	914	2.85	7.0	418.8	0.1	8	0.2	0.7	0.3	3
CB11-G022	Rock	1.79	0.221	5	0.3	1146	4.4	23	6.4	3.7	4.2	704	2.07	1.8	34.9	0.2	7	0.1	0.9	<0.1	5
CB11-G023	Rock	5.22	1.187	7	25.0	72.5	88.3	411	6.9	7.9	5.5	2771	1.35	31.4	456.9	<0.1	4	4.5	18.1	0.2	4
CB11-G024	Rock	4.45	1.307	19	102.0	89.7	186.1	751	20.3	13.2	7.7	4011	1.88	43.5	4560	<0.1	9	18.4	15.5	0.3	10
CB11-C025	Rock	2.03	1.835	16	86.6	372.9	1175	2731	17.5	52.0	57.0	6419	6.33	167.9	1835	1.2	8	29.8	5.8	0.4	27
CB11-C026	Rock	4.31	1.148	18	90.6	200.6	301.1	1951	19.8	14.6	11.6	3138	1.54	49.6	1918	0.3	19	25.3	11.1	0.2	27
CB11-C027	Rock	1.90	6.119	53	137.7	325.9	1765	2156	52.5	52.9	39.6	5898	5.25	235.5	5830	0.8	26	26.5	22.0	0.3	48



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 Report Date: December 04, 2011

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CERTIFICATE OF ANALYSIS

VAN11005740.1

Method	Analyte	Unit	MDL	1DX Ca	1DX P	1DX La	1DX Cr	1DX Mg	1DX Ba	1DX Ti	1DX B	1DX Al	1DX Na	1DX K	1DX W	1DX Hg	1DX Sc	1DX Ti	1DX S	1DX Ga	1DX Se	1DX Te
				%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
				0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
CB11-T4-G006	Rock			0.03	0.022	<1	6	0.02	36	<0.001	<20	0.11	0.007	0.03	<0.1	<0.01	1.2	<0.1	<0.05	<1	<0.5	<0.2
CB11-T4-C007	Rock			0.25	0.162	11	14	0.14	104	0.016	<20	0.67	0.017	0.17	<0.1	0.01	3.3	<0.1	<0.05	1	<0.5	<0.2
CB11-T4-C008	Rock			0.25	0.162	11	7	0.09	135	0.009	<20	0.73	0.017	0.18	0.1	0.04	4.2	<0.1	<0.05	1	<0.5	<0.2
CB11-T4-C009	Rock			0.22	0.146	10	7	0.06	90	0.008	<20	0.61	0.013	0.20	<0.1	0.03	3.5	<0.1	<0.05	1	<0.5	<0.2
CB11-T4-C010	Rock			0.28	0.159	11	7	0.06	101	0.005	<20	0.61	0.012	0.20	<0.1	0.06	3.3	<0.1	<0.05	1	<0.5	<0.2
CB11-T4-C011	Rock			0.33	0.147	10	7	0.50	87	0.002	<20	1.44	0.017	0.19	<0.1	0.04	3.4	<0.1	0.05	4	<0.5	<0.2
CB11-T4-C012	Rock			0.36	0.178	11	11	0.60	114	0.002	<20	1.59	0.016	0.17	0.1	0.05	4.7	<0.1	0.06	4	<0.5	<0.2
CB11-T4-C013	Rock			0.38	0.177	9	12	0.63	82	0.003	<20	1.57	0.025	0.20	0.1	0.04	4.5	<0.1	0.17	4	0.7	<0.2
CB11-T4-C014	Rock			0.17	0.108	12	25	0.17	132	0.002	<20	0.70	0.018	0.15	<0.1	<0.01	3.1	<0.1	<0.05	1	0.8	<0.2
CB11-T4-C015	Rock			0.32	0.099	14	4	0.03	178	0.002	<20	0.56	0.034	0.21	<0.1	<0.01	1.5	<0.1	<0.05	1	<0.5	<0.2
CB11-T4-C016	Rock			0.20	0.101	18	5	0.03	89	0.002	<20	0.45	0.023	0.15	<0.1	<0.01	1.5	<0.1	<0.05	1	<0.5	<0.2
CB11-T4-C017	Rock			0.22	0.108	16	5	0.03	129	0.002	<20	0.56	0.035	0.21	<0.1	0.03	1.4	<0.1	<0.05	1	1.1	<0.2
CB11-T4-C018	Rock			0.30	0.105	17	5	0.03	152	0.001	<20	0.54	0.036	0.20	<0.1	0.02	1.2	<0.1	<0.05	1	<0.5	<0.2
CB11-T4-C019	Rock			0.33	0.096	15	5	0.03	104	0.005	<20	0.51	0.033	0.20	<0.1	<0.01	1.0	<0.1	<0.05	1	<0.5	<0.2
CB11-T4-C020	Rock			0.23	0.112	16	6	0.06	91	0.001	<20	0.52	0.027	0.17	<0.1	<0.01	1.0	<0.1	<0.05	1	<0.5	<0.2
CB11-T4-C021	Rock			0.45	0.115	14	8	0.49	104	0.003	<20	1.24	0.044	0.24	<0.1	<0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
CB11-T4-C022	Rock			0.99	0.112	15	7	0.70	106	0.003	<20	1.40	0.033	0.24	<0.1	<0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
CB11-T4-C022B	Sand			<0.01	0.002	4	4	<0.01	2	<0.001	<20	0.04	0.003	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
CB11-G021	Rock			0.06	0.043	<1	3	0.03	43	<0.001	<20	0.09	0.009	0.04	<0.1	0.03	1.6	<0.1	0.27	<1	<0.5	<0.2
CB11-G022	Rock			0.05	0.036	<1	4	0.02	37	<0.001	<20	0.11	0.009	0.04	<0.1	0.03	1.4	<0.1	0.06	<1	<0.5	<0.2
CB11-G023	Rock			<0.01	0.012	<1	4	<0.01	46	<0.001	<20	0.06	0.003	0.02	<0.1	0.44	0.8	<0.1	0.06	<1	0.5	<0.2
CB11-G024	Rock			0.07	0.017	<1	4	<0.01	89	<0.001	<20	0.07	0.005	0.02	0.5	0.70	1.9	0.1	0.12	<1	<0.5	1.4
CB11-C025	Rock			0.08	0.191	6	61	0.04	216	0.003	<20	0.80	0.013	0.23	0.6	3.24	6.0	0.6	0.05	1	0.7	1.6
CB11-C026	Rock			0.33	0.048	1	6	0.01	75	0.002	<20	0.21	0.009	0.08	0.2	2.11	1.6	0.3	0.08	<1	0.6	2.1
CB11-C027	Rock			0.05	0.132	5	15	0.03	191	0.003	<20	0.61	0.009	0.18	1.0	4.25	5.8	1.0	0.06	1	1.0	5.2



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Project: Cariboo
Report Date: December 04, 2011

Page: 1 of 3 Part 1

QUALITY CONTROL REPORT

VAN11005740.1

Method	WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	
Pulp Duplicates																					
REP G1	QC		<2																		
CB11-T2-C009	Rock	2.63	<0.005	<2	0.5	228.5	36.6	77	1.1	24.1	26.1	3425	3.63	7.4	2.1	2.4	35	0.9	1.6	1.7	19
REP CB11-T2-C009	QC				0.6	226.0	36.5	76	1.1	23.4	25.1	3359	3.54	7.1	3.2	2.3	35	0.8	1.7	1.9	18
REP CB11-T3-C003	QC		<0.005																		
CB11-T3-G007	Rock	2.34	<0.005	<2	0.2	163.7	8.3	296	0.6	116.3	37.3	8117	5.27	10.3	2.8	1.4	213	1.2	0.9	0.3	104
REP CB11-T3-G007	QC				0.3	165.9	8.5	298	0.6	116.5	38.3	8237	5.30	10.4	4.3	1.3	215	1.4	0.8	0.2	105
CB11-T4-C013	Rock	2.16	0.021	<2	0.3	75.3	27.1	128	0.5	21.2	30.2	1989	5.73	13.3	17.3	1.8	58	0.3	0.2	<0.1	46
REP CB11-T4-C013	QC		0.020																		
CB11-T4-C020	Rock	2.05	<0.005	<2	0.1	20.0	6.8	45	<0.1	5.1	9.8	1266	2.79	1.2	2.4	2.9	26	0.2	<0.1	<0.1	10
REP CB11-T4-C020	QC			<2																	
Core Reject Duplicates																					
CB11-T3-C003	Rock	3.08	<0.005	<2	1.5	123.9	9.1	183	0.4	72.6	29.4	6052	4.61	8.7	4.5	1.5	97	1.2	1.3	0.2	105
DUP CB11-T3-C003	QC		<0.005	<2	1.4	128.2	10.2	207	0.5	81.8	32.0	6471	5.06	9.2	1.6	1.6	87	1.1	1.2	0.2	115
CB11-C025	Rock	2.03	1.835	16	86.6	372.9	1175	2731	17.5	52.0	57.0	6419	6.33	167.9	1835	1.2	8	29.8	5.8	0.4	27
DUP CB11-C025	QC		1.896	14	84.8	358.8	1142	2655	16.5	53.0	56.9	6277	6.13	165.2	1922	1.3	8	28.5	5.9	0.4	28
Reference Materials																					
STD DS8	Standard				12.6	106.2	125.7	293	1.7	38.6	7.4	597	2.54	24.9	94.8	6.6	76	2.1	4.1	6.9	40
STD DS8	Standard				13.9	111.7	130.7	327	1.7	39.4	7.7	632	2.56	24.8	91.6	7.7	72	2.2	4.4	7.0	43
STD DS8	Standard				13.8	112.1	129.2	315	1.8	38.0	7.6	615	2.49	26.1	111.4	6.6	72	2.2	4.7	7.8	43
STD DS8	Standard				12.5	109.7	119.5	308	2.0	35.2	7.3	604	2.51	23.4	97.5	7.1	66	2.1	4.3	6.4	41
STD DS8	Standard				12.3	108.6	125.0	286	1.9	37.8	7.6	605	2.49	18.8	90.7	7.6	76	2.5	2.2	5.9	41
STD DS8	Standard				13.3	105.1	118.6	308	1.7	36.3	7.3	602	2.47	25.3	147.2	6.8	63	2.3	4.0	6.4	40
STD DS8	Standard				12.8	112.4	119.1	296	2.1	39.3	7.7	588	2.40	24.4	104.0	6.8	69	2.0	5.5	6.7	39
STD OREAS153AR	Standard		<2																		
STD OREAS131B-A	Standard		36																		
STD OREAS153AR	Standard		<2																		
STD OREAS131B-A	Standard		32																		
STD OREAS153AR	Standard		<2																		



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Project: Cariboo
Report Date: December 04, 2011

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QUALITY CONTROL REPORT

VAN11005740.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																				
REP G1	QC																			
CB11-T2-C009	Rock	0.44	0.199	14	41	0.11	190	0.008	<20	0.61	0.025	0.33	0.1	0.03	1.7	0.1	<0.05	1	<0.5	<0.2
REP CB11-T2-C009	QC	0.43	0.193	14	40	0.11	186	0.007	<20	0.60	0.024	0.32	0.1	0.03	1.7	0.2	<0.05	1	<0.5	<0.2
REP CB11-T3-C003	QC																			
CB11-T3-G007	Rock	6.62	0.158	9	204	2.89	186	0.149	<20	2.25	0.023	0.92	<0.1	0.03	6.8	0.3	<0.05	7	0.6	<0.2
REP CB11-T3-G007	QC	6.62	0.160	9	198	2.86	188	0.145	<20	2.21	0.023	0.92	<0.1	0.02	6.5	0.3	<0.05	7	<0.5	<0.2
CB11-T4-C013	Rock	0.38	0.177	9	12	0.63	82	0.003	<20	1.57	0.025	0.20	0.1	0.04	4.5	<0.1	0.17	4	0.7	<0.2
REP CB11-T4-C013	QC																			
CB11-T4-C020	Rock	0.23	0.112	16	6	0.06	91	0.001	<20	0.52	0.027	0.17	<0.1	<0.01	1.0	<0.1	<0.05	1	<0.5	<0.2
REP CB11-T4-C020	QC																			
Core Reject Duplicates																				
CB11-T3-C003	Rock	1.82	0.128	10	125	2.04	284	0.090	<20	2.12	0.076	0.58	<0.1	0.04	6.3	0.3	<0.05	6	<0.5	<0.2
DUP CB11-T3-C003	QC	1.42	0.138	10	150	2.28	305	0.098	<20	2.33	0.075	0.62	<0.1	0.05	6.6	0.3	<0.05	7	<0.5	<0.2
CB11-C025	Rock	0.08	0.191	6	61	0.04	216	0.003	<20	0.80	0.013	0.23	0.6	3.24	6.0	0.6	0.05	1	0.7	1.6
DUP CB11-C025	QC	0.08	0.184	7	62	0.04	229	0.003	<20	0.83	0.014	0.25	0.7	3.24	6.1	0.7	<0.05	1	0.7	1.5
Reference Materials																				
STD DS8	Standard	0.71	0.076	15	116	0.60	291	0.125	<20	0.94	0.098	0.41	2.3	0.20	2.1	5.0	0.16	5	5.1	4.2
STD DS8	Standard	0.75	0.080	16	115	0.64	303	0.130	<20	0.99	0.098	0.43	3.1	0.19	2.3	5.5	0.17	5	4.6	5.3
STD DS8	Standard	0.69	0.077	15	116	0.60	286	0.113	<20	0.98	0.105	0.43	2.6	0.20	2.2	5.6	0.17	5	5.2	4.3
STD DS8	Standard	0.73	0.082	16	110	0.62	287	0.114	<20	0.96	0.090	0.42	2.4	0.18	2.2	5.2	0.16	5	4.9	4.5
STD DS8	Standard	0.75	0.064	17	118	0.63	291	0.089	<20	0.95	0.092	0.42	1.6	0.18	2.0	5.1	0.16	5	4.1	3.9
STD DS8	Standard	0.70	0.082	14	117	0.61	285	0.105	<20	0.90	0.084	0.41	2.5	0.19	2.1	5.1	0.16	5	5.2	4.9
STD DS8	Standard	0.66	0.076	13	119	0.59	276	0.108	<20	0.87	0.081	0.40	3.6	0.18	2.1	5.1	0.16	4	5.4	4.9
STD OREAS153AR	Standard																			
STD OREAS131B-A	Standard																			
STD OREAS153AR	Standard																			
STD OREAS131B-A	Standard																			
STD OREAS153AR	Standard																			



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QUALITY CONTROL REPORT

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		WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
STD OREAS131B-A	Standard			34																	
STD OREAS45CA	Standard				0.8	523.6	21.5	65	0.3	264.1	94.4	960	17.00	3.1	44.2	7.8	18	<0.1	<0.1	0.2	231
STD OREAS45CA	Standard				0.8	560.8	22.8	64	0.3	273.4	94.0	996	16.33	3.6	42.1	7.9	17	<0.1	<0.1	0.2	223
STD OREAS45CA	Standard				0.7	533.1	21.2	65	0.3	269.4	93.3	932	17.05	3.8	40.2	7.4	18	<0.1	<0.1	0.2	206
STD OREAS45CA	Standard				0.8	524.5	21.3	63	0.3	263.9	93.9	949	15.92	3.5	48.9	7.3	16	0.1	<0.1	0.2	212
STD OREAS45CA	Standard				0.3	509.1	20.8	65	0.3	260.1	86.8	902	14.85	4.2	38.1	7.4	17	<0.1	<0.1	0.2	180
STD OREAS45CA	Standard				0.8	498.2	21.6	60	0.3	248.9	86.9	887	15.10	3.9	42.6	7.5	15	0.1	<0.1	0.2	218
STD OREAS45CA	Standard				1.0	484.7	21.1	54	0.3	234.8	86.1	843	14.31	2.6	32.8	7.2	18	<0.1	0.2	0.2	200
STD OXH82	Standard		1.325																		
STD OXH82	Standard		1.295																		
STD OXH82	Standard		1.369																		
STD OXK79	Standard		3.660																		
STD OXK79	Standard		3.744																		
STD OXK79	Standard		3.628																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS131B-A				33.3																	
STD DS8 Expected					13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1
STD OREAS45CA Expected					1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215
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
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
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
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
BLK	Blank			<2																	
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<2																	
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

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Project: Cariboo
 Report Date: December 04, 2011

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QUALITY CONTROL REPORT

VAN11005740.1

		1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
		0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
STD OREAS131B-A	Standard																				
STD OREAS45CA	Standard	0.44	0.039	18	640	0.20	167	0.158	<20	4.05	0.007	0.07	<0.1	0.03	41.8	<0.1	<0.05	19	0.6	<0.2	
STD OREAS45CA	Standard	0.44	0.043	18	675	0.17	175	0.148	<20	4.08	0.010	0.08	<0.1	0.02	41.8	<0.1	<0.05	20	1.0	<0.2	
STD OREAS45CA	Standard	0.46	0.041	18	596	0.16	171	0.115	<20	3.98	0.011	0.08	<0.1	0.04	41.0	0.1	<0.05	19	1.0	<0.2	
STD OREAS45CA	Standard	0.44	0.043	17	695	0.16	170	0.133	<20	3.96	0.006	0.07	<0.1	0.03	39.3	<0.1	<0.05	20	0.7	<0.2	
STD OREAS45CA	Standard	0.41	0.044	16	636	0.17	163	0.096	<20	3.95	0.009	0.07	<0.1	0.01	36.0	<0.1	<0.05	20	0.7	<0.2	
STD OREAS45CA	Standard	0.42	0.038	16	709	0.13	167	0.127	<20	3.53	0.006	0.07	<0.1	0.04	35.8	<0.1	<0.05	18	0.5	<0.2	
STD OREAS45CA	Standard	0.39	0.034	15	581	0.14	150	0.127	<20	3.49	0.008	0.07	0.8	0.02	35.3	<0.1	<0.05	17	<0.5	<0.2	
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS131B-A																					
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OREAS45CA Expected		0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5		
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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QUALITY CONTROL REPORT

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		WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
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
BLK	Blank			<2																	
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
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
Prep Wash																					
G1	Prep Blank	<0.01	<0.005	<2	0.2	3.7	3.0	47	<0.1	2.9	4.3	570	2.08	<0.5	0.7	5.9	63	<0.1	<0.1	<0.1	36
G1	Prep Blank	<0.01	<0.005		0.2	3.3	3.0	45	<0.1	2.6	4.0	540	2.08	<0.5	<0.5	5.6	64	<0.1	<0.1	<0.1	37
G1	Prep Blank			<2																	



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QUALITY CONTROL REPORT

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		1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
		0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
Prep Wash																					
G1	Prep Blank	0.49	0.081	13	5	0.51	161	0.121	<20	0.89	0.071	0.46	<0.1	0.01	1.9	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.49	0.077	13	5	0.51	154	0.122	<20	0.90	0.078	0.46	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank																				



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Client: Excalibur Resources Ltd.

Suite 400, 20 Adelaide Street East
Toronto ON M5C 2T6 Canada

Submitted By: Tim Gallagher
Receiving Lab: Canada-Vancouver
Received: November 01, 2011
Report Date: November 24, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS

VAN11005917.1

CLIENT JOB INFORMATION

Project: Cariboo
Shipment ID: CB11-04
P.O. Number
Number of Samples: 61

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
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.

Invoice To: Excalibur Resources Ltd.
Suite 400, 20 Adelaide Street East
Toronto ON M5C 2T6
Canada

CC: Andrew Robertson
Linda Dandy
Fiona Katay

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	57	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
P200	2	Pulverize to 85% - 200 mesh			VAN
G603	61	Lead collection fire assay fusion - ICP-ES finish + 7AR Ag	30	Completed	VAN
1DX1	61	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS



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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Project: Cariboo
 Report Date: November 24, 2011

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CERTIFICATE OF ANALYSIS

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Method	WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	
CB11-T5-C001	Rock	2.68	0.005	<2	0.3	33.4	9.2	117	0.2	4.9	9.0	1164	2.65	1.9	5.7	2.5	22	0.9	<0.1	0.1	15
CB11-T5-C002	Rock	2.30	<0.005	<2	0.5	28.4	12.6	112	0.1	3.5	9.0	1482	2.54	3.3	2.4	2.7	24	0.9	0.2	0.2	9
CB11-T5-C003	Rock	2.52	<0.005	<2	0.5	65.1	6.7	59	0.1	5.9	12.7	1321	2.99	3.2	4.0	2.8	25	0.5	0.3	0.3	11
CB11-T5-C004	Rock	2.94	0.005	<2	1.2	187.1	4.6	71	0.3	28.9	26.9	1110	5.11	4.7	5.6	2.4	45	0.3	0.5	<0.1	46
CB11-T5-G005	Rock	3.47	0.010	<2	1.9	489.4	3.8	36	1.0	10.0	17.6	872	2.94	10.0	19.7	0.6	18	0.4	2.4	<0.1	7
CB11-T5-G005S	Rock Pulp	0.07	2.191	157	44.6	>10000	3807	>10000	>100	67.0	35.2	436	19.35	1206	24.5	0.5	25	625.1	220.3	72.2	25
CB11-T5-G006	Rock	1.69	0.008	<2	2.1	52.4	8.5	71	0.2	21.5	19.2	1765	5.54	3.7	4.9	2.0	52	0.7	0.7	<0.1	30
CB11-T5-C007	Rock	2.76	0.007	<2	1.3	150.7	6.0	91	0.3	21.3	27.2	1544	5.63	6.0	3.2	2.1	38	1.1	2.3	<0.1	36
CB11-T5-C008	Rock	2.55	0.043	<2	2.2	86.4	13.2	124	0.6	16.7	28.5	1929	5.13	12.6	34.1	1.4	33	2.8	3.4	0.2	24
CB11-T5-C009	Rock	2.42	0.033	<2	2.2	62.9	59.3	279	2.2	26.8	34.5	2372	5.12	41.0	33.5	0.8	29	4.8	6.5	<0.1	27
CB11-T5-C010	Rock	2.64	0.011	<2	2.1	21.7	21.3	247	0.7	14.9	25.8	2493	5.23	28.0	11.5	0.7	24	2.2	4.0	<0.1	23
CB11-T5-C011	Rock	2.75	0.007	<2	0.9	20.1	10.2	267	0.3	10.1	24.8	2168	4.91	10.0	7.4	0.9	13	2.7	2.4	<0.1	23
CB11-T5-C012	Rock	2.26	0.007	<2	1.4	44.1	18.5	232	0.7	10.6	30.6	1963	4.77	17.4	9.0	1.0	19	2.4	3.0	<0.1	31
CB11-T5-C013	Rock	4.09	0.025	<2	2.5	60.6	42.7	247	1.6	15.2	33.2	2281	4.29	35.3	37.2	1.0	18	2.3	5.0	<0.1	28
CB11-T5-C014	Rock	4.19	0.466	8	1.8	261.7	220.1	671	9.6	16.4	36.2	2930	4.43	156.4	432.1	0.8	15	6.5	5.6	0.1	30
CB11-T5-C015	Rock	3.75	0.011	<2	1.4	28.8	26.8	340	0.6	11.2	21.1	2314	3.86	16.1	48.5	0.9	18	2.8	1.7	0.4	28
CB11-T5-C016	Rock	2.86	0.925	<2	9.5	64.8	127.1	524	5.2	35.5	43.8	3627	5.32	127.6	6827	0.9	18	6.3	6.1	0.3	24
CB11-T5-C017	Rock	3.48	0.033	<2	1.9	93.4	20.5	501	1.1	37.3	39.2	2637	6.50	38.1	11.6	1.3	36	5.6	7.9	<0.1	42
CB11-T5-C018	Rock	3.42	0.007	<2	1.0	108.7	8.6	139	0.6	28.3	32.3	2158	5.52	16.0	6.0	1.2	30	1.2	2.1	<0.1	22
CB11-T5-C019	Rock	3.05	0.025	<2	0.8	98.0	12.3	84	0.7	41.9	31.7	2280	4.97	60.6	29.0	0.6	217	0.6	2.0	<0.1	45
CB11-T5-C020	Rock	2.74	0.006	<2	0.4	104.8	8.1	71	0.6	37.1	28.2	1476	5.12	11.5	6.3	0.7	254	0.4	1.0	<0.1	42
CB11-T5-C021	Rock	4.14	0.008	<2	0.4	53.4	112.1	202	0.6	35.8	26.5	1926	5.68	8.8	14.6	0.8	288	2.3	0.9	<0.1	47
CB11-T5-C022	Rock	2.57	0.112	<2	0.6	385.2	41.4	191	2.6	36.7	34.5	2431	5.72	61.0	93.9	0.7	184	1.8	2.7	0.3	66
CB11-T5-C023	Rock	2.18	0.130	<2	2.6	116.7	34.1	344	1.7	52.1	42.3	2797	6.18	44.9	183.0	0.9	66	3.9	2.0	<0.1	80
CB11-T5-C024	Rock	3.02	<0.005	<2	0.4	81.2	8.2	111	0.3	45.4	32.2	2086	6.12	7.9	8.6	0.7	205	0.6	0.8	<0.1	63
CB11-T5-G025	Rock	0.98	0.019	<2	0.4	103.1	55.7	216	1.0	17.1	17.1	1115	3.06	21.3	9.0	0.4	24	1.7	2.4	0.3	23
CB11-T5-C026	Rock	1.52	<0.005	<2	0.3	57.9	6.9	135	0.2	50.5	37.0	1606	6.38	7.5	2.7	0.9	150	0.9	0.8	<0.1	75
CB11-T6-C001	Rock	3.05	0.049	<2	1.8	102.2	31.3	651	1.5	37.7	30.6	2242	5.05	22.8	43.0	0.7	84	6.0	2.3	<0.1	26
CB11-T6-C002	Rock	2.31	2.854	67	177.3	281.9	1474	893	68.9	12.1	11.8	1574	3.69	113.9	2414	0.5	63	7.6	27.4	0.3	23
CB11-T6-C003	Rock	3.17	2.630	46	261.0	331.6	1872	1432	48.0	8.8	12.9	1063	3.79	162.8	2459	0.6	42	10.3	32.9	0.3	25

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Project: Cariboo
 Report Date: November 24, 2011

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CERTIFICATE OF ANALYSIS

VAN11005917.1

Method	Analyte	Unit	MDL	1DX Ca	1DX P	1DX La	1DX Cr	1DX Mg	1DX Ba	1DX Ti	1DX B	1DX Al	1DX Na	1DX K	1DX W	1DX Hg	1DX Sc	1DX Ti	1DX S	1DX Ga	1DX Se	1DX Te
				%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
				0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
CB11-T5-C001	Rock			0.25	0.082	11	3	0.44	176	0.001	<20	1.50	0.041	0.18	<0.1	<0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
CB11-T5-C002	Rock			0.25	0.097	12	<1	0.15	192	<0.001	<20	0.94	0.030	0.20	<0.1	0.02	1.5	<0.1	<0.05	2	<0.5	<0.2
CB11-T5-C003	Rock			0.33	0.112	16	3	0.04	173	0.001	<20	0.68	0.025	0.22	<0.1	0.06	1.9	<0.1	<0.05	1	<0.5	<0.2
CB11-T5-C004	Rock			0.44	0.212	12	26	0.11	97	0.002	<20	0.67	0.029	0.22	<0.1	0.04	4.2	<0.1	<0.05	1	<0.5	<0.2
CB11-T5-G005	Rock			0.13	0.056	3	4	0.03	58	<0.001	<20	0.17	0.014	0.11	<0.1	0.35	2.0	<0.1	0.14	<1	<0.5	<0.2
CB11-T5-G005S	Rock Pulp			1.75	0.042	2	20	0.85	<1	0.002	<20	0.42	0.006	0.09	1.2	19.40	1.1	33.6	>10	9	>100	1.0
CB11-T5-G006	Rock			0.42	0.204	10	23	0.07	90	0.002	<20	0.44	0.048	0.19	<0.1	0.06	7.3	<0.1	<0.05	<1	<0.5	<0.2
CB11-T5-C007	Rock			0.44	0.206	12	13	0.11	107	0.008	<20	0.65	0.022	0.18	0.1	0.08	4.6	<0.1	<0.05	1	<0.5	<0.2
CB11-T5-C008	Rock			0.28	0.128	8	7	0.06	175	0.006	<20	0.61	0.017	0.18	0.4	0.13	5.4	<0.1	<0.05	<1	<0.5	0.4
CB11-T5-C009	Rock			0.64	0.137	6	8	0.10	123	0.008	<20	0.47	0.013	0.22	0.7	0.28	6.5	0.1	0.08	<1	0.6	<0.2
CB11-T5-C010	Rock			0.65	0.115	5	5	0.08	89	0.006	<20	0.29	0.005	0.24	0.5	0.20	7.0	0.1	0.06	<1	<0.5	0.2
CB11-T5-C011	Rock			0.17	0.108	7	6	0.06	81	0.012	<20	0.39	0.005	0.27	0.7	0.11	5.8	0.1	<0.05	<1	<0.5	<0.2
CB11-T5-C012	Rock			0.20	0.116	7	7	0.04	126	0.036	<20	0.39	0.008	0.32	0.7	0.14	4.3	0.2	<0.05	<1	0.7	<0.2
CB11-T5-C013	Rock			0.19	0.127	7	6	0.04	184	0.014	<20	0.37	0.002	0.30	1.0	0.23	4.2	0.2	<0.05	<1	<0.5	0.2
CB11-T5-C014	Rock			0.22	0.116	6	7	0.03	130	0.009	<20	0.39	0.006	0.34	0.8	0.73	5.0	0.6	<0.05	<1	1.0	<0.2
CB11-T5-C015	Rock			0.27	0.134	8	8	0.04	81	0.017	<20	0.37	0.003	0.34	1.0	0.11	5.5	0.2	<0.05	<1	0.7	<0.2
CB11-T5-C016	Rock			0.23	0.116	6	8	0.05	153	0.003	<20	0.34	0.002	0.28	1.4	0.47	5.8	0.8	<0.05	<1	1.2	<0.2
CB11-T5-C017	Rock			0.65	0.168	8	26	0.09	174	0.029	<20	0.42	0.005	0.23	9.3	0.15	7.8	0.1	<0.05	<1	<0.5	<0.2
CB11-T5-C018	Rock			1.76	0.175	7	40	0.08	107	0.006	<20	0.45	0.008	0.26	0.8	0.05	6.9	0.1	<0.05	<1	0.5	<0.2
CB11-T5-C019	Rock			5.13	0.132	3	125	1.37	101	0.008	<20	0.29	0.010	0.23	1.0	0.03	6.9	0.2	0.13	<1	<0.5	<0.2
CB11-T5-C020	Rock			4.39	0.139	4	92	1.87	146	0.017	<20	0.43	0.013	0.34	0.2	<0.01	6.1	0.3	<0.05	1	<0.5	<0.2
CB11-T5-C021	Rock			4.57	0.131	4	97	1.92	101	0.016	<20	0.39	0.014	0.34	0.3	0.09	6.9	0.2	<0.05	1	<0.5	<0.2
CB11-T5-C022	Rock			4.37	0.142	3	76	1.15	120	0.028	<20	0.26	0.019	0.24	1.4	0.09	7.7	0.2	0.10	<1	<0.5	<0.2
CB11-T5-C023	Rock			1.75	0.148	5	107	0.61	185	0.051	<20	0.68	0.010	0.41	0.8	0.18	7.4	0.5	0.07	2	<0.5	<0.2
CB11-T5-C024	Rock			3.51	0.137	4	117	1.75	129	0.039	<20	0.72	0.009	0.46	0.3	<0.01	6.6	0.6	<0.05	2	<0.5	<0.2
CB11-T5-G025	Rock			0.89	0.079	2	41	0.09	95	0.005	<20	0.18	0.010	0.17	0.6	0.06	3.4	0.1	<0.05	<1	<0.5	<0.2
CB11-T5-C026	Rock			2.33	0.141	5	120	1.62	105	0.082	<20	1.08	0.011	0.67	0.2	<0.01	7.8	1.1	<0.05	3	<0.5	<0.2
CB11-T6-C001	Rock			3.88	0.144	5	92	0.56	207	0.006	<20	0.49	0.004	0.29	0.2	0.20	4.8	0.3	<0.05	1	<0.5	<0.2
CB11-T6-C002	Rock			0.86	0.085	3	17	0.03	168	0.002	<20	0.27	0.036	0.23	1.0	3.76	2.9	0.4	0.34	<1	3.0	3.0
CB11-T6-C003	Rock			0.02	0.104	2	9	<0.01	86	0.001	<20	0.27	0.023	0.19	0.7	7.37	3.3	0.6	0.29	<1	2.7	3.6

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Method	WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	
CB11-T6-C004	Rock	3.01	2.476	64	135.5	329.7	1829	1442	64.2	17.6	36.1	3634	8.62	356.5	2754	0.9	61	11.6	48.6	<0.1	27
CB11-T6-C005	Rock	2.82	3.611	62	261.1	271.9	1556	1569	65.2	30.8	38.2	3368	7.62	461.3	4455	1.0	42	13.4	32.3	<0.1	31
CB11-T6-C005B	Sand	1.61	0.012	<2	0.4	3.2	2.4	3	<0.1	1.0	0.3	46	0.32	0.9	2.5	1.2	1	<0.1	0.1	<0.1	<2
CB11-T6-C006	Rock	3.68	1.293	21	22.9	219.3	547.1	827	22.0	39.8	30.6	3335	7.01	212.9	1785	0.9	62	10.2	6.6	<0.1	54
CB11-T6-G007	Rock	2.48	6.801	90	1003	32.7	2474	1831	94.5	2.3	0.9	60	1.89	138.9	7545	0.6	14	24.6	22.8	<0.1	41
CB11-T6-G008	Rock	1.93	0.961	22	143.0	64.1	513.7	130	23.1	2.3	0.8	82	1.11	74.4	457.3	<0.1	5	1.0	60.6	<0.1	11
CB11-T7-C001	Rock	4.16	0.038	<2	2.0	17.9	17.3	49	0.7	4.6	11.7	1358	2.78	5.8	1042	3.0	28	0.4	0.2	0.1	9
CB11-T7-C002	Rock	3.85	0.030	<2	0.6	32.1	7.4	43	0.2	3.9	11.4	1071	2.49	2.1	39.4	2.7	31	0.3	0.2	<0.1	8
CB11-T7-C003	Rock	2.57	<0.005	<2	0.3	7.2	5.2	44	<0.1	4.3	9.4	1082	2.55	2.3	2.6	2.9	47	0.3	0.2	<0.1	13
CB11-T7-C004	Rock	2.94	0.006	<2	0.3	19.3	6.7	45	<0.1	5.7	11.3	1060	2.59	3.7	9.1	2.7	43	0.4	0.2	<0.1	12
CB11-T7-C005	Rock	4.14	<0.005	<2	0.3	7.8	5.2	44	<0.1	3.7	9.7	1129	2.44	1.9	0.7	3.1	39	0.3	0.2	<0.1	10
CB11-T7-C006	Rock	4.73	<0.005	<2	0.2	7.5	4.8	49	<0.1	3.7	8.8	1108	2.41	1.9	<0.5	3.2	42	0.3	0.2	<0.1	12
CB11-T7-C007	Rock	2.72	0.006	<2	0.4	22.4	12.6	52	0.2	5.3	14.3	1171	2.87	16.5	4.8	2.7	29	0.3	0.4	<0.1	11
CB11-T7-C008	Rock	2.55	0.016	<2	0.4	128.2	170.1	58	1.1	6.5	9.6	1094	2.69	6.4	5.7	2.6	32	0.4	0.4	1.4	10
CB11-T7-C009	Rock	1.97	0.011	<2	0.2	30.9	57.2	54	0.1	4.4	8.7	1174	2.92	1.0	<0.5	3.1	60	0.3	0.2	<0.1	11
CB11-T7-C010	Rock	2.42	0.008	<2	0.2	119.6	40.7	56	0.2	4.6	8.6	1045	2.54	2.8	0.9	2.9	27	0.4	0.2	<0.1	8
CB11-T8-C001	Rock	3.24	0.329	3	6.0	356.0	141.6	1154	3.8	66.1	54.8	3756	7.49	327.7	243.1	0.9	34	13.7	17.9	<0.1	20
CB11-T8-C002	Rock	4.22	5.191	57	50.9	367.5	1749	2496	58.2	52.3	51.6	6870	6.92	486.4	6478	1.1	24	38.8	97.1	<0.1	26
CB11-T8-C003	Rock	7.05	6.477	74	84.5	111.1	4525	7698	76.5	26.4	21.0	>10000	4.21	157.4	6422	0.5	160	123.9	41.0	<0.1	36
CB11-T8-C003S	Rock Pulp	0.07	2.240	165	40.1	>10000	3817	>10000	>100	60.3	31.9	421	17.87	1196	34.6	0.4	27	545.1	204.2	64.7	19
CB11-T8-C004	Rock	3.66	3.587	49	72.1	187.8	690.3	1296	49.4	15.0	13.9	5702	2.35	137.2	4350	0.3	14	23.6	33.1	1.1	35
CB11-T8-C005	Rock	3.33	0.167	<2	3.2	111.2	46.6	362	2.6	37.8	39.3	3620	6.11	38.4	293.1	1.0	32	4.6	2.9	0.4	48
CB11-T8-C006	Rock	2.32	0.018	<2	0.8	69.4	13.1	222	1.0	68.9	46.9	2345	6.85	20.4	6.1	1.2	33	2.4	12.1	<0.1	71
CB11-T8-G007	Rock	3.22	3.275	30	140.5	338.6	1901	2724	42.7	19.1	15.5	>10000	4.02	118.9	4048	0.4	22	70.2	55.5	1.4	48
CB11-G028	Rock	3.34	0.006	<2	5.5	19.8	5.5	53	0.2	13.2	15.0	1312	3.94	3.0	5.6	0.5	119	0.6	0.6	<0.1	7
CB11-G029	Rock	3.96	0.022	<2	2.6	222.3	10.2	36	0.6	8.4	12.7	662	2.33	6.4	17.7	0.4	19	0.7	1.2	<0.1	5
CB11-C030	Rock	2.79	0.677	4	8.8	180.4	125.5	749	4.4	55.5	43.5	2758	7.24	164.1	599.5	1.0	35	16.4	3.2	<0.1	44
CB11-C030B	Sand	1.45	<0.005	<2	0.2	4.7	0.8	1	<0.1	1.3	0.5	67	0.54	<0.5	<0.5	1.1	2	<0.1	<0.1	<0.1	<2
CB11-C031	Rock	3.16	4.704	25	220.8	163.7	1076	1479	28.2	17.1	11.2	5456	2.46	95.2	6668	0.2	17	23.9	16.8	0.2	37
CB11-C032	Rock	2.58	5.683	46	242.4	188.1	2039	1512	46.2	31.3	33.0	6494	5.17	268.8	5216	0.8	86	21.7	30.8	0.5	24

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.



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Project: Cariboo
Report Date: November 24, 2011

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CERTIFICATE OF ANALYSIS

VAN11005917.1

Method	Analyte	Unit	MDL	1DX Ca	1DX P	1DX La	1DX Cr	1DX Mg	1DX Ba	1DX Ti	1DX B	1DX Al	1DX Na	1DX K	1DX W	1DX Hg	1DX Sc	1DX Ti	1DX S	1DX Ga	1DX Se	1DX Te
				%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
				0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
CB11-T6-C004	Rock			0.02	0.163	5	10	<0.01	107	0.002	<20	0.39	0.006	0.19	2.1	7.69	6.1	2.3	0.21	<1	2.0	3.0
CB11-T6-C005	Rock			0.02	0.140	4	10	<0.01	100	0.002	<20	0.33	0.004	0.23	3.3	3.98	6.1	1.4	0.17	<1	1.3	5.3
CB11-T6-C005B	Sand			<0.01	0.002	4	2	<0.01	1	<0.001	<20	0.03	<0.001	0.01	<0.1	0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
CB11-T6-C006	Rock			2.20	0.140	4	60	0.15	86	0.008	<20	0.31	0.008	0.27	0.9	1.66	7.2	0.6	0.18	<1	0.6	1.1
CB11-T6-G007	Rock			0.01	0.034	3	10	<0.01	230	0.002	<20	0.15	0.030	0.25	1.5	9.18	1.5	0.9	0.48	<1	3.6	5.9
CB11-T6-G008	Rock			<0.01	0.015	<1	3	<0.01	15	<0.001	<20	0.05	0.010	0.03	0.3	1.07	0.6	0.1	0.05	<1	0.9	1.0
CB11-T7-C001	Rock			0.26	0.106	16	4	0.04	112	0.002	<20	0.38	0.030	0.17	<0.1	0.03	1.3	<0.1	0.07	<1	<0.5	<0.2
CB11-T7-C002	Rock			0.33	0.102	14	3	0.04	86	0.003	<20	0.34	0.026	0.15	<0.1	0.02	1.2	<0.1	0.06	<1	<0.5	<0.2
CB11-T7-C003	Rock			0.83	0.106	16	4	0.06	125	0.006	<20	0.42	0.035	0.18	<0.1	0.01	1.3	<0.1	<0.05	1	<0.5	<0.2
CB11-T7-C004	Rock			0.64	0.108	14	7	0.10	125	0.006	<20	0.44	0.032	0.17	<0.1	0.01	1.4	<0.1	<0.05	1	<0.5	<0.2
CB11-T7-C005	Rock			0.45	0.106	16	4	0.05	143	0.005	<20	0.41	0.032	0.18	<0.1	<0.01	1.3	<0.1	<0.05	<1	<0.5	<0.2
CB11-T7-C006	Rock			0.62	0.108	17	4	0.06	129	0.011	<20	0.41	0.032	0.19	<0.1	<0.01	1.4	<0.1	<0.05	1	<0.5	<0.2
CB11-T7-C007	Rock			0.38	0.105	15	6	0.07	89	0.004	<20	0.43	0.032	0.17	<0.1	0.02	1.5	<0.1	<0.05	1	<0.5	<0.2
CB11-T7-C008	Rock			0.30	0.106	15	8	0.13	120	0.004	<20	0.46	0.024	0.17	<0.1	0.02	1.4	<0.1	0.05	1	<0.5	<0.2
CB11-T7-C009	Rock			1.33	0.108	17	4	0.08	106	0.003	<20	0.69	0.051	0.33	<0.1	<0.01	1.8	<0.1	<0.05	2	<0.5	<0.2
CB11-T7-C010	Rock			0.24	0.102	17	4	0.07	83	0.002	<20	0.47	0.026	0.20	<0.1	<0.01	1.3	<0.1	<0.05	<1	<0.5	<0.2
CB11-T8-C001	Rock			0.88	0.146	4	14	0.10	235	0.003	<20	0.46	0.004	0.24	0.6	2.87	7.6	0.4	0.52	<1	<0.5	<0.2
CB11-T8-C002	Rock			0.09	0.144	6	13	0.04	308	0.004	<20	0.47	0.003	0.19	1.3	14.36	7.5	0.9	0.09	1	0.6	0.7
CB11-T8-C003	Rock			7.80	0.108	2	10	2.24	125	0.002	<20	0.21	0.004	0.16	0.8	12.93	5.7	0.3	1.24	<1	2.6	0.2
CB11-T8-C003S	Rock Pulp			1.71	0.040	2	17	0.82	<1	0.001	<20	0.35	0.005	0.07	1.0	17.96	1.0	33.8	>10	8	>100	0.7
CB11-T8-C004	Rock			0.23	0.054	2	14	0.07	101	0.001	<20	0.24	0.008	0.09	0.4	4.46	2.8	0.2	0.33	<1	1.0	1.1
CB11-T8-C005	Rock			0.39	0.168	5	56	0.06	146	0.024	<20	0.40	0.009	0.25	0.9	0.31	7.2	0.2	0.18	<1	<0.5	<0.2
CB11-T8-C006	Rock			0.44	0.160	7	151	0.13	120	0.031	<20	0.40	0.008	0.24	0.6	0.08	8.9	0.1	<0.05	1	<0.5	<0.2
CB11-T8-G007	Rock			0.44	0.058	7	8	0.16	170	0.002	<20	0.50	0.002	0.08	0.7	8.87	6.2	0.3	0.24	1	1.1	0.7
CB11-G028	Rock			1.74	0.104	3	12	0.21	49	<0.001	<20	0.18	0.034	0.06	<0.1	0.04	4.2	<0.1	0.08	<1	<0.5	<0.2
CB11-G029	Rock			0.12	0.060	2	8	0.02	51	<0.001	<20	0.13	0.014	0.07	<0.1	0.11	1.6	<0.1	0.13	<1	<0.5	<0.2
CB11-C030	Rock			1.24	0.172	6	102	0.05	210	0.004	<20	0.48	0.008	0.28	1.2	0.47	5.9	0.3	<0.05	<1	<0.5	<0.2
CB11-C030B	Sand			<0.01	0.001	3	3	<0.01	2	<0.001	<20	0.03	0.001	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
CB11-C031	Rock			0.12	0.041	2	13	0.02	114	0.001	<20	0.16	0.003	0.07	0.4	3.10	2.2	0.1	0.14	<1	<0.5	0.5
CB11-C032	Rock			0.04	0.102	5	9	0.02	258	0.002	<20	0.35	0.003	0.15	5.8	5.35	4.7	0.5	0.07	<1	1.2	2.0



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CERTIFICATE OF ANALYSIS

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Method	WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	
CB11-G033	Rock	4.11	1.334	13	105.8	107.0	155.5	691	14.0	15.5	15.0	3678	2.67	78.4	1352	0.2	5	12.9	24.5	0.4	21



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CERTIFICATE OF ANALYSIS

VAN11005917.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
CB11-G033	Rock	0.02	0.039	1	18	<0.01	163	<0.001	<20	0.13	0.005	0.05	0.3	1.26	2.9	0.1	0.14	<1	<0.5	0.7



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Project: Cariboo
Report Date: November 24, 2011

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QUALITY CONTROL REPORT

VAN11005917.1

Method	WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	
Pulp Duplicates																					
CB11-T5-C016	Rock	2.86	0.925	<2	9.5	64.8	127.1	524	5.2	35.5	43.8	3627	5.32	127.6	6827	0.9	18	6.3	6.1	0.3	24
REP CB11-T5-C016	QC	2																			
CB11-T5-G025	Rock	0.98	0.019	<2	0.4	103.1	55.7	216	1.0	17.1	17.1	1115	3.06	21.3	9.0	0.4	24	1.7	2.4	0.3	23
REP CB11-T5-G025	QC	0.008																			
CB11-T6-C003	Rock	3.17	2.630	46	261.0	331.6	1872	1432	48.0	8.8	12.9	1063	3.79	162.8	2459	0.6	42	10.3	32.9	0.3	25
REP CB11-T6-C003	QC	46																			
CB11-T6-C004	Rock	3.01	2.476	64	135.5	329.7	1829	1442	64.2	17.6	36.1	3634	8.62	356.5	2754	0.9	61	11.6	48.6	<0.1	27
REP CB11-T6-C004	QC	133.2 333.5 1901 1464 65.7 18.6 36.6 3695 8.72 356.3 3083 0.9 62 11.6 48.4 <0.1 27																			
CB11-T7-C008	Rock	2.55	0.016	<2	0.4	128.2	170.1	58	1.1	6.5	9.6	1094	2.69	6.4	5.7	2.6	32	0.4	0.4	1.4	10
REP CB11-T7-C008	QC	0.4 144.0 177.5 62 1.2 6.6 9.9 1134 2.76 7.4 6.3 2.7 32 0.4 0.2 1.5 10																			
Core Reject Duplicates																					
CB11-T5-G006	Rock	1.69	0.008	<2	2.1	52.4	8.5	71	0.2	21.5	19.2	1765	5.54	3.7	4.9	2.0	52	0.7	0.7	<0.1	30
DUP CB11-T5-G006	QC	<0.01	0.006	<2	2.2	58.9	7.0	65	0.2	22.8	20.3	1857	5.79	3.8	4.9	2.1	53	0.7	0.9	<0.1	29
CB11-T7-C006	Rock	4.73	<0.005	<2	0.2	7.5	4.8	49	<0.1	3.7	8.8	1108	2.41	1.9	<0.5	3.2	42	0.3	0.2	<0.1	12
DUP CB11-T7-C006	QC	<0.01	<0.005	<2	0.2	6.4	4.7	47	<0.1	3.2	9.2	1043	2.39	1.7	<0.5	3.1	39	0.3	0.2	<0.1	11
Reference Materials																					
STD DS8	Standard	14.0 110.2 124.0 311 1.8 38.2 7.5 607 2.57 24.7 101.0 6.6 73 2.4 3.7 6.5 42																			
STD DS8	Standard	13.6 115.0 129.8 322 1.8 38.3 7.9 611 2.55 24.6 131.1 6.6 68 2.6 4.6 6.4 43																			
STD DS8	Standard	15.2 111.9 130.5 325 1.9 38.9 7.9 636 2.64 26.0 110.2 7.6 75 2.5 4.6 6.5 41																			
STD DS8	Standard	15.6 109.9 135.8 326 1.9 39.1 7.7 645 2.58 26.2 298.3 8.1 73 2.5 4.5 7.3 44																			
STD OREAS153AR	Standard	<2																			
STD OREAS131B-A	Standard	32																			
STD OREAS153AR	Standard	<2																			
STD OREAS131B-A	Standard	33																			
STD OREAS153AR	Standard	<2																			
STD OREAS131B-A	Standard	34																			
STD OREAS45CA	Standard	0.6 551.5 27.1 68 0.3 270.2 97.3 974 16.66 3.9 58.9 8.9 19 0.1 <0.1 0.2 219																			
STD OREAS45CA	Standard	0.8 518.1 26.1 67 0.3 257.8 93.9 996 16.84 4.0 40.5 8.5 19 0.1 <0.1 0.2 207																			



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QUALITY CONTROL REPORT

VAN11005917.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2		
Pulp Duplicates																				
CB11-T5-C016	Rock	0.23	0.116	6	8	0.05	153	0.003	<20	0.34	0.002	0.28	1.4	0.47	5.8	0.8	<0.05	<1	1.2	<0.2
REP CB11-T5-C016	QC																			
CB11-T5-G025	Rock	0.89	0.079	2	41	0.09	95	0.005	<20	0.18	0.010	0.17	0.6	0.06	3.4	0.1	<0.05	<1	<0.5	<0.2
REP CB11-T5-G025	QC																			
CB11-T6-C003	Rock	0.02	0.104	2	9	<0.01	86	0.001	<20	0.27	0.023	0.19	0.7	7.37	3.3	0.6	0.29	<1	2.7	3.6
REP CB11-T6-C003	QC																			
CB11-T6-C004	Rock	0.02	0.163	5	10	<0.01	107	0.002	<20	0.39	0.006	0.19	2.1	7.69	6.1	2.3	0.21	<1	2.0	3.0
REP CB11-T6-C004	QC	0.02	0.163	5	10	<0.01	111	0.002	<20	0.38	0.007	0.21	2.0	7.29	6.1	2.3	0.21	<1	1.5	2.7
CB11-T7-C008	Rock	0.30	0.106	15	8	0.13	120	0.004	<20	0.46	0.024	0.17	<0.1	0.02	1.4	<0.1	0.05	1	<0.5	<0.2
REP CB11-T7-C008	QC	0.32	0.109	15	8	0.14	121	0.003	<20	0.45	0.026	0.17	<0.1	0.01	1.5	<0.1	0.05	1	0.5	<0.2
Core Reject Duplicates																				
CB11-T5-G006	Rock	0.42	0.204	10	23	0.07	90	0.002	<20	0.44	0.048	0.19	<0.1	0.06	7.3	<0.1	<0.05	<1	<0.5	<0.2
DUP CB11-T5-G006	QC	0.42	0.210	11	23	0.07	94	0.002	<20	0.44	0.050	0.18	<0.1	0.06	7.3	<0.1	<0.05	<1	<0.5	<0.2
CB11-T7-C006	Rock	0.62	0.108	17	4	0.06	129	0.011	<20	0.41	0.032	0.19	<0.1	<0.01	1.4	<0.1	<0.05	1	<0.5	<0.2
DUP CB11-T7-C006	QC	0.55	0.105	17	3	0.05	124	0.011	<20	0.38	0.033	0.18	<0.1	0.01	1.3	<0.1	<0.05	<1	<0.5	<0.2
Reference Materials																				
STD DS8	Standard	0.75	0.078	16	117	0.63	293	0.126	<20	0.97	0.094	0.43	2.5	0.18	2.4	5.5	0.17	5	5.3	4.9
STD DS8	Standard	0.71	0.080	16	117	0.62	302	0.128	<20	0.94	0.095	0.43	2.7	0.18	2.4	5.5	0.17	5	5.3	5.4
STD DS8	Standard	0.73	0.083	16	120	0.62	294	0.134	<20	0.97	0.092	0.43	2.6	0.18	2.6	5.9	0.16	5	5.3	5.0
STD DS8	Standard	0.79	0.081	19	124	0.65	315	0.138	<20	1.03	0.103	0.44	2.2	0.19	2.5	5.9	0.16	5	5.2	5.3
STD OREAS153AR	Standard																			
STD OREAS131B-A	Standard																			
STD OREAS153AR	Standard																			
STD OREAS131B-A	Standard																			
STD OREAS153AR	Standard																			
STD OREAS131B-A	Standard																			
STD OREAS45CA	Standard	0.47	0.042	21	712	0.20	198	0.140	<20	4.02	0.006	0.08	<0.1	0.04	48.7	0.1	<0.05	23	0.7	<0.2
STD OREAS45CA	Standard	0.46	0.040	20	686	0.19	195	0.136	<20	3.81	0.007	0.08	<0.1	0.05	46.6	0.1	<0.05	20	<0.5	<0.2



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Project: Cariboo
 Report Date: November 24, 2011

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

VAN11005917.1

		WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
STD OREAS45CA	Standard				0.8	529.3	24.2	61	0.3	262.3	94.0	975	16.43	3.6	46.9	8.1	19	0.1	<0.1	0.2	213
STD OREAS45CA	Standard				0.7	550.6	26.0	65	0.3	279.8	98.7	994	17.03	3.5	53.2	8.5	18	<0.1	<0.1	0.2	223
STD OXH82	Standard		1.263																		
STD OXH82	Standard		1.285																		
STD OXH82	Standard		1.269																		
STD OXH82	Standard		1.289																		
STD OXK79	Standard		3.663																		
STD OXK79	Standard		3.663																		
STD OXK79	Standard		3.721																		
STD OXK79	Standard		3.623																		
STD DS8 Expected					13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1
STD OREAS45CA Expected					1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215
STD OXK79 Expected			3.532																		
STD OREAS131B-A				33.3																	
STD OXH82 Expected			1.278																		
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
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
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
BLK	Blank			<2																	
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<2																	
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

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Project: Cariboo
Report Date: November 24, 2011

Page: 2 of 3 **Part** 2

QUALITY CONTROL REPORT

VAN11005917.1

		1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
STD OREAS45CA	Standard	0.45	0.039	19	654	0.19	180	0.134	<20	4.00	0.006	0.08	<0.1	0.02	45.6	<0.1	<0.05	19	0.5	<0.2
STD OREAS45CA	Standard	0.43	0.038	20	722	0.19	193	0.150	<20	4.32	0.005	0.08	<0.1	0.03	46.6	<0.1	<0.05	21	0.8	<0.2
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OREAS45CA Expected		0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
STD OXK79 Expected																				
STD OREAS131B-A																				
STD OXH82 Expected																				
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
BLK	Blank																			

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Report Date: November 24, 2011

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QUALITY CONTROL REPORT

VAN11005917.1

		WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
BLK	Blank			<2																	
BLK	Blank		<0.005																		
Prep Wash																					
G1	Prep Blank	<0.01	<0.005	<2	0.1	3.3	3.2	47	<0.1	2.4	4.2	576	2.05	<0.5	<0.5	7.1	67	<0.1	<0.1	<0.1	38
G1	Prep Blank	<0.01	<0.005	<2	0.1	4.0	3.3	53	<0.1	2.7	4.1	585	2.08	<0.5	<0.5	7.5	68	<0.1	<0.1	<0.1	39



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Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

VAN11005917.1

		1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
BLK	Blank	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank																			
Prep Wash																				
G1	Prep Blank	0.54	0.077	18	5	0.52	167	0.140	<20	0.96	0.079	0.47	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	0.50	0.082	17	5	0.53	170	0.141	<20	0.95	0.077	0.48	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2



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Submitted By: Tim Gallagher
Receiving Lab: Canada-Vancouver
Received: November 01, 2011
Report Date: November 21, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN11005918.1

CLIENT JOB INFORMATION

Project: Cariboo
Shipment ID: CB11-05
P.O. Number
Number of Samples: 11

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-1000, G603, and 1DX1.

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 90 days

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: Excalibur Resources Ltd.
Suite 400, 20 Adelaide Street East
Toronto ON M5C 2T6
Canada

CC: Andrew Robertson
Linda Dandy
Fiona Katay



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Project: Cariboo
 Report Date: November 21, 2011

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN11005918.1

Method	WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	
CB11-G034	Rock	3.72	<0.005	<2	<0.1	5.2	4.5	44	<0.1	4.5	6.9	853	2.07	0.8	<0.5	2.1	111	<0.1	<0.1	<0.1	9
CB11-G035	Rock	2.19	<0.005	<2	0.1	4.0	5.7	44	<0.1	4.0	7.6	775	1.55	1.8	<0.5	2.8	24	0.1	0.2	<0.1	6
CB11-G036	Rock	3.56	<0.005	<2	<0.1	8.9	3.3	59	<0.1	5.6	8.5	679	2.33	3.1	<0.5	2.2	104	<0.1	0.4	<0.1	31
CB11-G037	Rock	6.85	<0.005	<2	0.4	63.9	15.6	54	<0.1	70.4	26.1	865	4.23	5.7	1.4	4.8	844	<0.1	<0.1	<0.1	101
CB11-G038	Rock	3.49	<0.005	<2	<0.1	18.3	3.7	60	<0.1	4.1	7.2	813	2.10	3.5	<0.5	1.5	113	<0.1	0.4	<0.1	13
CB11-G039	Rock	3.76	<0.005	<2	<0.1	24.5	5.4	75	<0.1	6.6	9.1	1053	2.62	0.7	<0.5	1.6	88	0.1	<0.1	<0.1	18
CB11-G040	Rock	3.13	0.025	<2	1.4	93.0	9.4	93	0.3	14.9	21.8	1799	4.37	15.9	45.8	0.9	34	0.3	1.1	0.2	18
CB11-G041	Rock	0.75	0.007	<2	0.2	10.2	12.5	28	0.1	4.1	16.9	724	2.44	20.0	4.6	1.7	15	0.1	<0.1	0.3	3
CB11-G041S	Rock Pulp	0.07	2.070	169	29.0	9226	5282	>10000	>100	46.5	23.6	308	13.65	852.8	157.6	0.3	20	430.6	159.2	50.1	9
CB11-G042	Rock	1.93	<0.005	<2	<0.1	15.8	13.7	136	<0.1	21.9	25.6	1586	3.35	5.6	<0.5	1.5	167	0.5	0.3	<0.1	113
CB11-G043	Rock	3.00	<0.005	<2	0.5	66.1	5.9	120	0.2	7.9	27.5	1283	5.87	3.6	2.2	0.4	61	0.6	0.3	0.1	56



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 Report Date: November 21, 2011

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

VAN11005918.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
CB11-G034	Rock	1.58	0.085	12	5	0.52	68	0.002	<20	0.91	0.028	0.22	<0.1	<0.01	0.8	<0.1	0.06	2	<0.5	<0.2
CB11-G035	Rock	0.35	0.107	13	2	0.08	117	0.003	<20	0.61	0.022	0.28	<0.1	<0.01	0.7	<0.1	<0.05	1	<0.5	<0.2
CB11-G036	Rock	0.99	0.097	7	7	0.74	85	0.106	41	1.11	0.050	0.43	<0.1	<0.01	1.3	0.3	<0.05	4	<0.5	<0.2
CB11-G037	Rock	1.90	0.279	48	56	2.67	1555	0.042	<20	2.12	0.568	0.83	<0.1	<0.01	3.0	0.2	<0.05	7	<0.5	<0.2
CB11-G038	Rock	1.73	0.098	8	5	0.58	63	0.038	<20	0.98	0.033	0.23	<0.1	<0.01	1.2	<0.1	0.06	3	<0.5	<0.2
CB11-G039	Rock	1.30	0.101	11	9	0.74	76	0.003	<20	1.28	0.035	0.18	<0.1	<0.01	1.1	<0.1	<0.05	4	<0.5	<0.2
CB11-G040	Rock	0.91	0.137	5	7	0.08	123	0.005	<20	0.45	0.015	0.21	0.2	0.03	2.8	<0.1	0.26	<1	<0.5	<0.2
CB11-G041	Rock	0.13	0.084	10	3	0.04	75	0.001	<20	0.50	0.034	0.18	<0.1	<0.01	0.9	<0.1	0.13	1	<0.5	<0.2
CB11-G041S	Rock Pulp	1.28	0.030	1	11	0.61	<1	<0.001	<20	0.22	<0.001	0.04	0.7	16.20	0.5	26.2	>10	6	>100	0.5
CB11-G042	Rock	2.91	0.154	11	22	1.77	87	0.041	38	1.70	0.038	0.18	<0.1	<0.01	2.2	0.5	<0.05	4	0.5	<0.2
CB11-G043	Rock	1.86	0.137	3	1	0.55	71	0.002	<20	1.19	0.023	0.09	<0.1	0.13	3.5	<0.1	0.43	4	0.8	<0.2



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Report Date: November 21, 2011

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QUALITY CONTROL REPORT

VAN11005918.1

Method	WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	
Core Reject Duplicates																					
CB11-G039	Rock	3.76	<0.005	<2	<0.1	24.5	5.4	75	<0.1	6.6	9.1	1053	2.62	0.7	<0.5	1.6	88	0.1	<0.1	<0.1	18
DUP CB11-G039	QC	<0.01	<0.005	<2	<0.1	25.0	5.2	73	<0.1	5.2	8.8	1046	2.68	0.8	<0.5	1.5	94	0.1	<0.1	<0.1	16
Reference Materials																					
STD DS8	Standard			13.3	101.4	120.3	296	1.8	36.1	6.7	590	2.37	25.3	102.1	6.2	65	2.1	3.5	5.6	38	
STD OREAS153AR	Standard		<2																		
STD OREAS131B-A	Standard		35																		
STD OREAS45CA	Standard			0.6	459.0	18.6	58	0.2	220.7	78.5	840	14.11	3.0	36.5	6.2	14	<0.1	<0.1	0.1	183	
STD OXH82	Standard	1.263																			
STD OXH82	Standard	1.312																			
STD OXH82	Standard	1.282																			
STD OXK79	Standard	3.663																			
STD OXK79	Standard	3.680																			
STD OXK79	Standard	3.762																			
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	
STD OXH82 Expected		1.278																			
STD OXK79 Expected		3.532																			
STD OREAS131B-A			33.3																		
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
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	
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank		<2																		
Prep Wash																					
G1	Prep Blank	<0.01	<0.005	<2	<0.1	2.0	3.1	41	<0.1	1.7	3.3	513	1.83	<0.5	<0.5	5.0	59	<0.1	<0.1	<0.1	30



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Project: Cariboo
 Report Date: November 21, 2011

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QUALITY CONTROL REPORT

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Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Core Reject Duplicates																				
CB11-G039	Rock	1.30	0.101	11	9	0.74	76	0.003	<20	1.28	0.035	0.18	<0.1	<0.01	1.1	<0.1	<0.05	4	<0.5	<0.2
DUP CB11-G039	QC	1.39	0.099	11	<1	0.76	73	0.003	<20	1.32	0.038	0.18	<0.1	<0.01	1.2	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																				
STD DS8	Standard	0.67	0.079	15	115	0.62	287	0.104	<20	0.93	0.094	0.40	2.4	0.17	1.8	5.2	0.12	5	4.8	4.9
STD OREAS153AR	Standard																			
STD OREAS131B-A	Standard																			
STD OREAS45CA	Standard	0.40	0.036	15	664	0.15	148	0.106	<20	3.54	0.013	0.07	<0.1	0.03	32.6	<0.1	<0.05	18	<0.5	<0.2
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OREAS45CA Expected		0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
STD OXH82 Expected																				
STD OXK79 Expected																				
STD OREAS131B-A																				
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1	Prep Blank	0.46	0.069	13	3	0.44	148	0.105	<20	0.82	0.071	0.41	<0.1	<0.01	1.5	0.2	<0.05	4	<0.5	<0.2

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.



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	WGHT	G6	7AR	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
	Wgt	Au	Ag	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
	kg	gm/t	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
	0.01	0.005	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	
G1	Prep Blank	<0.01	<0.005	<2	<0.1	2.0	3.5	45	<0.1	2.5	3.6	545	1.97	<0.5	<0.5	6.0	61	<0.1	<0.1	<0.1	34



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		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
G1	Prep Blank	0.47	0.070	14	5	0.49	150	0.110	<20	0.85	0.079	0.45	<0.1	<0.01	1.6	0.3	<0.05	4	<0.5	<0.2