Rock Sampling, Trenching

And Diamond Drilling Report

On the

CARIBOO PROPERTY

NELSON MINING DIVISION

BRITISH COLUMBIA, CANADA

NAD 83 UTM 11 479000E, 5473850N

MAPSHEET: 082F/6

Tenure Numbers: 232846, 232990, 370251, 370252, 386469

Owner/Operator

EXCALIBUR RESOURCES LTD.
20 ADELAIDE STREET EAST, SUITE 400
TORONTO, ONTARIO
M5C 2T6

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February 10, 2013

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1.0) SUMMARY

The author of this report was retained by Excalibur Resources Ltd. ("Excalibur) to manage a trenching and diamond drilling program on the Cariboo Property. The property is located seven kilometres southeast of Nelson, BC. The centre of the property is located at approximate UTM NAD 83 coordinates 478200E, 5474300N, in Zone 11. The 125 hectares in five mineral tenures are wholly owned by Excalibur following completion of commitments outlined in the original option agreement.

From 2008 to 2011, Excalibur conducted mapping and sampling programs in the area, the results of which lead to a 2011 trenching program. The 2012 trenching and drilling program on the Cariboo property was a continuation of exploration work to follow up positive results from the previous work.

The Elise Formation is the main host rock for mineralization in the area of the property, and is mainly comprised of volcanic augite porphyry volcanoclasitcs and chlorite-sericite schist. The Silver King Porphyry outcrops within the western portion of the main claim area (East End claim), and at the Cleopatra claim. Mineralization at the Cariboo showings is hosted by quartz and quartz-carbonate veins, shears and breccia zones.

In 2012, Excalibur completed two trenches where four chip samples were taken, and 29 BQTW size diamond drill holes totaling 1,469 metres. Most of this work was designed to fully assess the potential of the gold-silver bearing quartz carbonate vein system described as the Cariboo Vein. A very brief prospecting program was conducted on both the Cleopatra and Princess claims. This included the acquisition of five rock samples from the Princess claim and a single sample from the Cleopatra claim.

Samples of rocks taken from some of the old workings on the Princess claim returned elevated copper and gold values, with over 1% copper, 40 grams per tonne silver and 0.4 grams per tonne gold from sample PR12-02. The sample taken from the Cleopatra claim (sample CLEO12-01) did not return any significant values.

The two trenches that were sampled (CBT12-01 and CBT12-02) did not return significant values. The Cariboo vein mineralization is found to be to the east of this contact.

Drill holes were placed to locate, and then define the quartz carbonate vein system that had been exposed in previous work programs, and included close spaced drilling with fans from single drill pads. The highest gold value returned from core sampling of 11.1 grams per tonne over 1.28 metres was returned from hole 12Car-16. This sample was from the Cariboo vein. Intercepts typically show strong silver to gold ratios, with elevated lead and zinc values common. The highest silver value of 101 grams per tonne over 0.66 metres was returned from hole 12Car-05.

Many of the multiple intercepts from drilling can be composited into wider intercept widths. Intercepts of 2 metres to 5.5 metres width contain composite gold values commonly ranging from 2 to 6 grams per tonne, and silver values ranging from 30 to 60 grams per tonne.

Based upon a geologic model using Surpac 6.3 software, there is an estimated volume of approximately 13,900 cubic metres of material, which at an assumed 2.7 specific gravity, would amount to approximately 37,500 tonnes. This material would have grades ranging from approximately 3 to 11 grams per tonne. The vein extends along strike for approximately 120 metres and down-dip for a

distance of 80 metres below surface. The vein is open to depth, and could be explored for its south extent. The suggested mineral potential of this vein system has not been calculated by a certified resource estimator and should not be considered standard instrument 43-101 compliant.

A resource estimate could be undertaken for a more accurate estimation of the vein potential, and would assist in any decision to advance the project to a bulk tonnage sample stage. The 2012 drill program results found the Cariboo Vein to be relatively restricted. The vein appears to pinch out at the northwest end, but might be open to the south and to depth. Further drilling in these directions may improve the overall tonnage of the vein.

2.0) INTRODUCTION

The author of this report was retained by Excalibur Resources Ltd. ("Excalibur"), of Toronto, Ontario, Canada, to manage exploration programs on the Cariboo Property. The author conducted or managed work completed on the property in 2012, including trenching and diamond drilling. Work was conducted on all of the claims listed, with the majority of the work conducted on the main part of the property, the three claims surrounding the historic Cariboo showing.

The 2012 work program continued from work completed in 2011. That work included rock sampling and the completion of 8 trenches within the property. The 2011 work is summarized in a report authored by Fiona Katay, P.Geol., titled Assessment Report, 2011 Trenching Program, Cariboo and Silver King Properties.

In 2012, Excalibur completed two trenches where four chip samples were taken, and 29 BQTW size diamond drill holes totaling 1,469 metres. A total of 341 core samples were obtained and sent for analysis from the diamond drilling program. Most of this work was designed to fully assess the potential of the gold-silver bearing quartz carbonate vein system described as the Cariboo Vein in previous work.

A very brief prospecting program was conducted on both the Cleopatra and Princess claims. This included the acquisition of five rock samples from the Princess claim and a single sample from the Cleopatra claim.

3.0) PROPERTY DESCRIPTION AND LOCATION

The Cariboo Property is located seven kilometres southeast of Nelson, BC, on the east facing slopes of Toad Mountain. The centre of the property is located at approximate UTM NAD 83 coordinates 478200E, 5474300N, in Zone 11. The property lies within NTS mapsheet 82F/6 (see Figure 1).

The Cariboo Property comprises approximately 125 hectares in five mineral tenures as shown in Table 1 and on Figure 2. The mineral tenures are wholly owned by Excalibur following completion of commitments outlined in the original option agreement, as summarized below:

> On December 12, 2007 the Company entered into an option to acquire a 100% interest in the Cariboo Group claims and the Princess and Cleopatra claims (collectively the "Cariboo Claims"),

representing a total of five claim units near the City of Nelson, in the Kootenay District of British Columbia, by making the following option payments in cash and shares:

• $10,000 (paid) and 3,125 common shares at a price of $0.05 per share (issued) upon signing the Letter of Intent;

On August 17, 2009 the Company was able to renegotiate the terms of the option agreement for 10,000 common shares (issued). The amended terms require the Company to issue common shares and make the following cash payments:

• $15,000 on or before June 1, 2010 (paid) and the issuance of 6,250 common shares at a price of $0.145 per share (issued);
• $20,000 (paid) and the issuance of 12,500 common shares (issued in August 2011); and
• $25,000 on or before June 1, 2012 (paid)

In addition, the Company is required to issue 25,000 common shares to the Optionor on receipt by the Company of a positive feasibility study, either in the form of a preliminary feasibility study or a bankable study, or upon commencement of commercial production. The Optionor is entitled to receive a 2% Net Smelter Return royalty on each of the mineral tenures. Upon commencement of commercial production the Company will have the right to purchase 50% of the NSR for $500,000.

There are no other pre-production royalties, back-in rights or other agreements or encumbrances to these claims with respect to Excalibur's option right to them known to the author.

The author foresees no permitting obstacles for a year-round exploration or development program.

Table 1 - List of Claims

Tenure #	Good To Date	CLAIM_NAME	Size (Ha)
232846	20220228	CARIBOO	25
232990	20140228	PRINCESS	25
386469	20140228	CLEOPATRA	25
370252	20220228	SUNNYSIDE	25
370251	20220228	EAST END	25

Figure 1 – Property Location

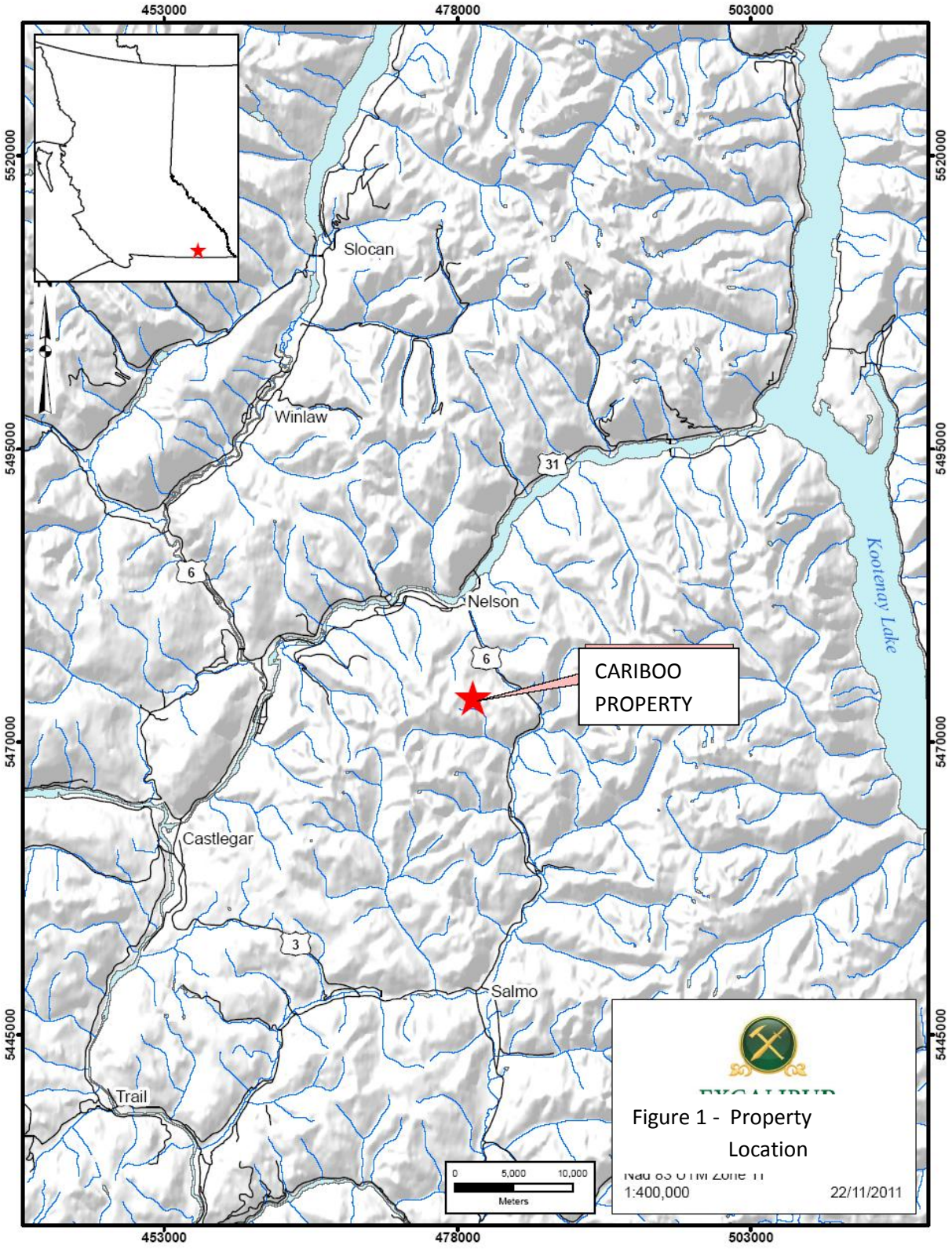
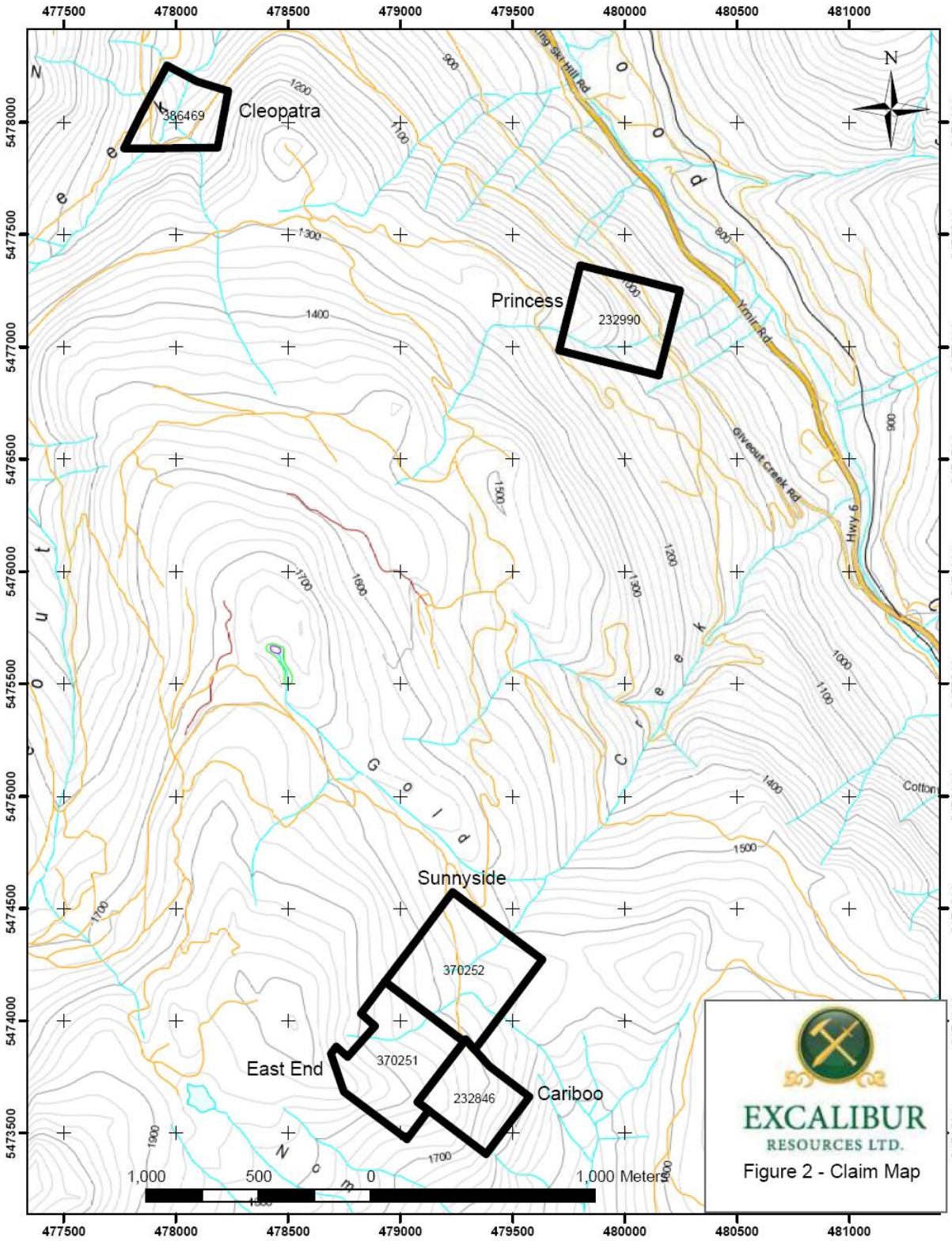


Figure 1 - Property Location

Figure 2 - Claim Map



4.0) ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The property is situated on the eastern slopes of Toad Mountain, at elevations ranging from 1600 to 1900 metres above sea level. The grade of the slopes are generally moderate, however sections of steep elevation occur along the valley walls. Tree cover consists of hemlock, fir, spruce and pine over some of the property, with the exception of recently logged areas. Where present, overburden is usually around one to three metres deep, but in localized swampy areas it can be up to 10 metres depth.

Road access to the property is via Giveout Creek Forest Service Road, leaving Highway 6 approximately seven kilometres south of Nelson, BC. Giveout Creek FSR is a well maintained, year-round logging road. The Silver King Mine access road leaves the Giveout Creek FSR at seven kilometres, and continues for six kilometres in a northeasterly direction to the property. Access to the Princess and Cleopatra claims is along the Giveout FSR continuing to kilometer 2 and kilometer 4.5 respectively.

The nearest Environment Canada weather station to the property is located at Castlegar, BC, some 40 kilometres west of the property and at a lower elevation of 433 metres. Statistics for Castlegar state average temperatures in January to be -3°C, with extremes below -20°C, average temperatures in July are 20°C, ranging up to 28°C. 755 mm of precipitation falls, with 560 mm of it as rain and 211 mm as snow. These reported temperatures can be assumed to be significantly lower than at the elevation of the property, and a larger proportion of the precipitation will occur as snowfall.

At the elevation of the property, snow begins to fall in early to mid-October and melts completely in June, providing a relatively short field season on the mountain. Drilling can start as early as April and continue well into November, weather permitting, though access to the site can be an issue if snow is too deep. Rain is common in the spring, further reducing accessibility in some areas of the property, but becomes less frequent by the end of July. The best period for access and working conditions is June through September.

Local water supplies are adequate for the purpose of exploration drilling, and are likely sufficient for small tonnage mining activities. Several small streams bisect the property and larger accessible water supplies such as Giveout Creek are located to the west of the property. Silver King Lake, a large pond, is located south of the property.

There are several nearby cities (Nelson, Castlegar, Trail, and Salmo) which provide good service and supply sources for mining exploration purposes. A work force, including drilling and heavy equipment contractors, labourers and some technical expertise can generally be hired locally. Excellent infrastructure exists in this region with numerous hydro-electric dams nearby and powerlines and paved roads within 5 kilometres of the property.

5.0) HISTORY

The history of the property extends from the historic Silver King mine, located immediately to the west of the Cariboo Property. The Silver King claims were first staked by the Hall brothers in 1886. Production was initiated in 1889 and was maintained until about 1910, after which there was intermittent

production until 1958. Production 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. All of the production came from the Silver King Main Vein structure.

The Cariboo Property lies within a corridor of small historic gold mines. Little has been documented in regards to the history of these small workings, but current evidence of previous work includes short adits and surface workings. The trend has been referred to by other workers as the Starlight Trend that includes the Starlight, Victoria-Jessie, Daylight-Berlin and Cariboo workings.

Sultan Minerals Inc previous held option to the Cariboo Property and conducted geochemical and geophysical surveys along the Starlight trend from 2000 to 2003. Samples were collected from old trenches and other workings. A one metre chip sample across the main Starlight vein in an area of "bull" looking quartz returned a slightly higher gold assay (23 g/t) than a sample taken from the "best-looking" (sulphide rich) dump material (21 g/t), indicating that the gold is not necessarily tied up with the sulphides. Chip samples from the Cariboo workings returned values up to 24 g/t gold, within the mineralized replacement zone and altered chlorite-sericite schist wall rock containing finely disseminated pyrite, chalcopyrite, galena, sphalerite and molybdenite. In 2001, a single diamond drill hole (01CB01) was completed into the quartz-carbonate vein system at the main showing area. Chip samples from the Cariboo workings returned values up to 24 g/t gold, within the mineralized replacement zone and altered chlorite-sericite schist wall rock containing finely disseminated pyrite, chalcopyrite, galena, sphalerite and molybdenite. The single drill hole intercepted 2.46 grams per tonne gold over 2.14 metres.

From 2008 to 2011, Excalibur Resources Ltd. conducted mapping and sampling programs in the area of the property, the results of which lead to a 2011 trenching program and 2012 trenching and drilling program on the Cariboo property.

6.0) GEOLOGICAL SETTING

6.1 Regional Geology

Hoy and Andrew (1989) describe the regional geology (Figure 3) of the Nelson area, as follows:

> "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. Volcanic rocks of the Elise Formation are predominant in the Cariboo property area. Coarse clastic sediments make up the overlying Hall Formation, and finer clastic metasediments comprise the underlying Archibald Formation. These formations are intruded by the mid to late Jurassic Nelson Batholith, mid Eocene Coryell syenite, and Tertiary rhyolite and lamprophyre dykes. The Elise Formation consists of interfingering lenses of massive to brecciated, mostly andesitic to mafic flows, tuffs, subvolcanic porphyries, and minor epiclastics. The Cariboo is hosted by the upper Elise Formation within predominantly mafic to intermediate volcanic and volcanoclastic rocks.
>
> Northwest trending tight folds and associated shear zones dominate the structure of the Toad Mountain area. The Hall Creek syncline, a south-plunging, west-dipping, overturned fold, is the most prominent feature in the region. The core of this fold comprises a zone of intense shearing

called the Silver King Shear. The Silver King Property lies directly over this shear zone, which exceeds 1000 metres in width. The shear is the focus of abundant sericite, chlorite, quartz, carbonate, hematite, and epidote alteration in discrete to pervasive zones throughout the property. The Toughnut, Cariboo, Cumberland, Starlight, Star, Alma, and other mineral showings are also found along the Silver King Shear."

6.2 Property Geology

The Elise Formation is the main host rock for mineralization in the area of the property, and is mainly comprised of volcanic augite porphyry volcanoclasitcs and chlorite-sericite 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. The Silver King Porphyry, a plagioclase porphyry of quartz-dioritic composition, outcrops within the western portion of the main claim area (East End claim), and at the Cleopatra claim. A strong foliation and shear structure, termed the Silver King Shear Zone, trends northwesterly along the Hall Creek Syncline and is bounded by the Silver King Intrusion in the southeast and the Eagle Creek Plutonic Complex in the northwest. Figure 4 shows the Property Geology in the area of the Cariboo showing (after Katay, 2011).

The contact between the Silver King porphyry and Elise formation rocks has been shown to be important for potential gold mineralization, as found on the adjacent Kena Property of Altair Gold Inc. At the Cariboo, quartz-carbonate veins are generally hosted within highly foliated to schistose altered volcanic rocks interpreted to be the Kena Shear Zone, near to or at the Silver King diorite contact. The veins are anastomising in geometry and up to 1 metre in width, and have alteration halos that extend along the margins for a distance of approximately 1 or more metres either side. The vein, or vein system, strikes northwest to southeast for a length of 200 or more metres, with steep dips, with an orientation subparallel to the Silver King porphyry contact.

Intense iron carbonate alteration, sericitization, and silicification are common along the mineralized vein trend. Chalcopyrite, pyrite, galena and sphalerite occur within the veins as well as disseminated within the alteration halos.

7.0) DEPOSIT TYPE

7.1 General Discussion

Many of the historic workings in the area of the Cariboo had relatively small ore production numbers. In general, the veins are consistent with the deposit type model as outlined by Lefebure and Church (2005) for polymetallic vein systems. Polymetallic veins can be categorized as sulphide-rich veins containing sphalerite, galena, copper, and silver in a carbonate and quartz gangue. These veins can be subdivided into those hosted by metasedimentary rocks and those hosted by volcanic or intrusive rocks. The latter type of mineralization is typically contemporaneous with emplacement of a nearby intrusion (such as the Nelson Batholith). These veins occur in virtually all tectonic settings, except oceanic, including continental margins, island arcs, continental volcanics and cratonic sequences.

Typically veins crosscut volcanic sequences and follow volcano-tectonic structures, such as caldera ring-faults or radial faults. In some cases the veins cut older intrusions. In British Columbia, the age of mineralization in these veins is usually Cretaceous to Tertiary.

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.

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 metres wide and can be followed from a few hundred to more than 1000 metres in length and depth. Veins may widen to tens of metres 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 druzy. Veins may grade into broad zones of stockwork or breccia. Coarse-grained sulphide minerals occur as patches and pods, along with fine-grained disseminations within the veins.

Figure 3 - Regional Geology

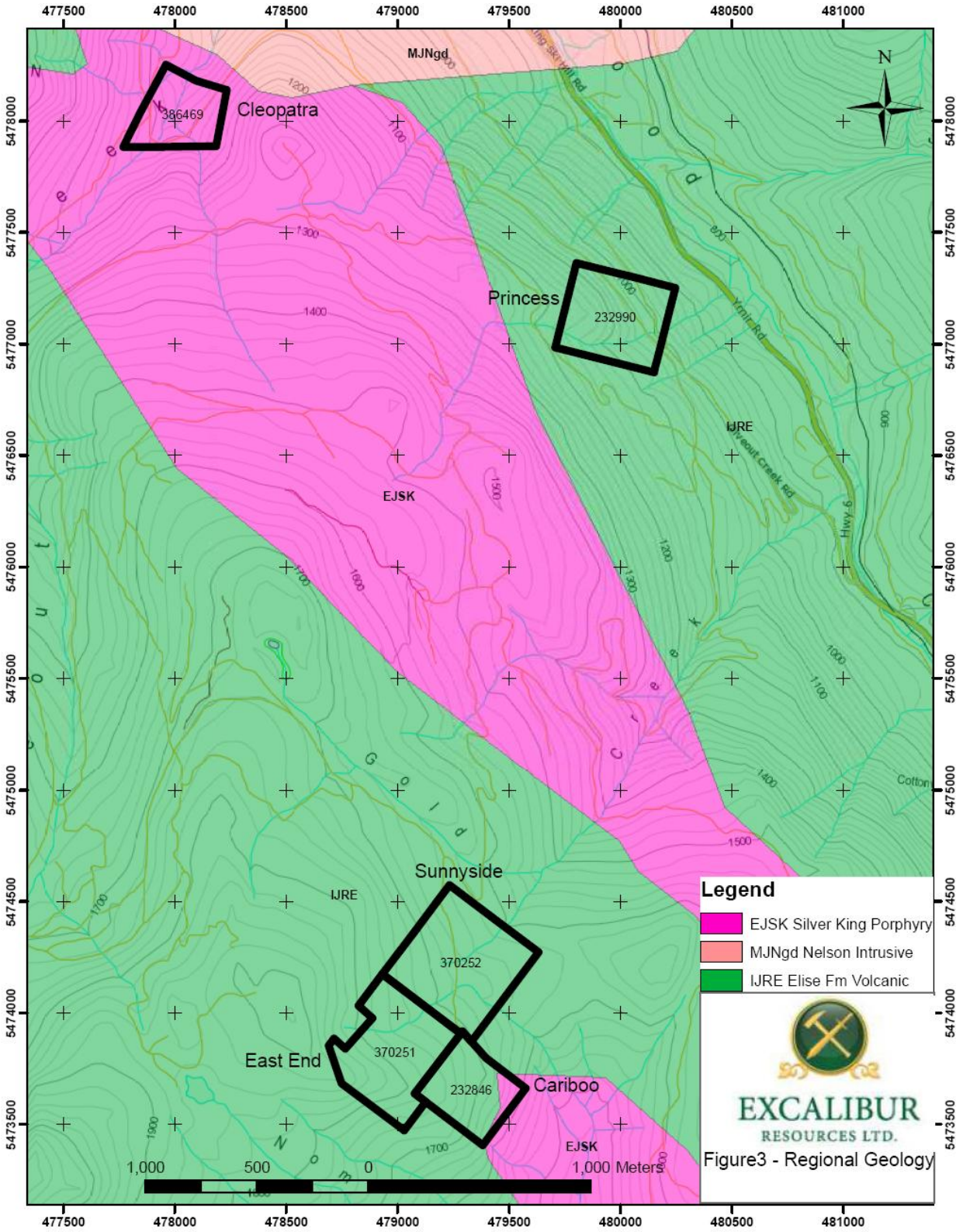
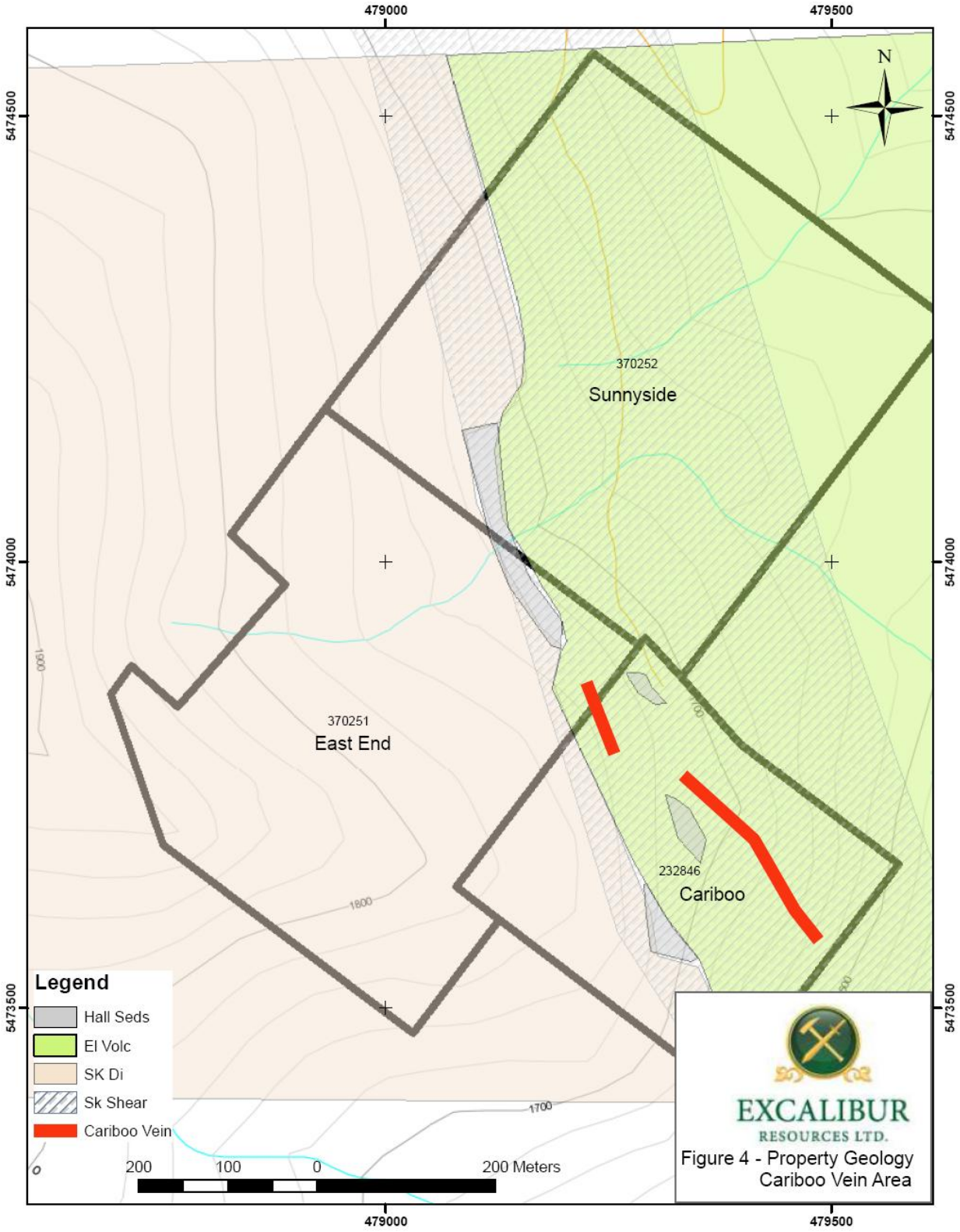


Figure 4 – Property Geology, Cariboo Vein Area



Ore mineralogy for polymetallic veins often consists of: galena, sphalerite, tetrahedrite-tennantite, 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, however gold grades are normally low for the amount of sulphide minerals present.

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 mineralogy of the wall rock is typically limited in extent (measured in metres 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.

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.

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.

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.

Suggested guides for exploration of this deposit type include elongate zones of low magnetic response and/or electromagnetic, self-potential or induced polarization anomalies related to ore zones. Strong structural control on veins and common occurrence of deposits in clusters can be used to locate new veins.

7.2 Cariboo

Mineralization at the Cariboo showings is hosted by quartz and quartz-carbonate veins, shears and breccia zones. Gold values are considerably higher than at the nearby Silver King Mine. Diamond drill core sampling assay results indicate a strong correlation between elevated silver and elevated gold values. Mineralization also includes lead, zinc and sometimes copper.

8.0) 2012 EXPLORATION PROGRAM

The 2012 exploration program consisted of two trenches and 29 diamond drill holes on the Cariboo group claims, a single rock sample on the Cleopatra claim, and five rock samples on the Princess claim. The majority of the 2012 exploration work was designed to test the extent and mineralization potential of the Cariboo quartz-carbonate vein system. The location of rock sample, trenches and drill hole collars are shown on Figure 5. More detailed locations of trench and drill hole locations are shown on Figure 6. Further description of the work program and results are found in the following sections of this report.

Rock samples taken from the Cleopatra and Princess claims were grab type samples obtained during prospecting on those claims. Rock sample locations are shown on Figure 7.

The two trenches were placed to locate the contact between the Elise formation andesite and the Silver King diorite porphyry to assist in guiding drill hole locations. A total of eight rock chip type samples were obtained and analyzed from these two trenches.

Drill holes were placed to locate, and then define the quartz carbonate vein system that had been exposed in previous work programs. The initial three drill holes (12Car-01 to 12Car-03) were placed to transect the contact from Silver King porphyry rocks to the volcanic rocks out to the east. The next 23 drill holes were completed from five close spaced drill pads with each pad having up to six drill holes using variable dips and azimuths, designed to accurately define and sample the vein system. Drill holes 12Car-27, 28 and 29 were placed to test a broad area of anomalous geophysical and geochemical results obtained from previous work programs. These last 3 drill holes transected the northeastern part of the claim block, crossing the Silver King Shear. A total of 341 core sample were taken and submitted for analysis.

9.0) SAMPLING METHOD AND APPROACH

9.1 Rock and Trench Samples

Rock samples taken from the Princess and Cleopatra claims were grab samples taken with a rock hammer. Rock samples were selected based up identified mineral content as an initial prospecting reconnaissance of each of those claims. Samples were labelled and bagged, and a flag was posted at the site where the sample was obtained. Sample locations were GPS positioned.

Trenching was conducted utilizing a Caterpillar 225 size excavator contracted from Wade Critchlow Enterprises. For the two trenches completed in 2012 the objective was to try to locate the contact between the Silver King intrusive and the Elise Volcanic rocks. Each trench was approximately 75-100 metres in length. The excavator scraped down through overburden to the top of bedrock, revealing enough bedrock for geologic interpretation. Chips of bedrock material were taken along the bottom or side wall of each trench as a grab sample to check for mineralization. These were obtained by rock hammer. Samples were labelled and bagged on site, and locations were GPS positioned. The trenches were immediately reclaimed, with flagging posted at the western end of each trench for field location. Table 2 summarizes the location and description of the rock and trench samples taken during the 2012 work program.

Figure 5 - Locations of 2012 Work Program

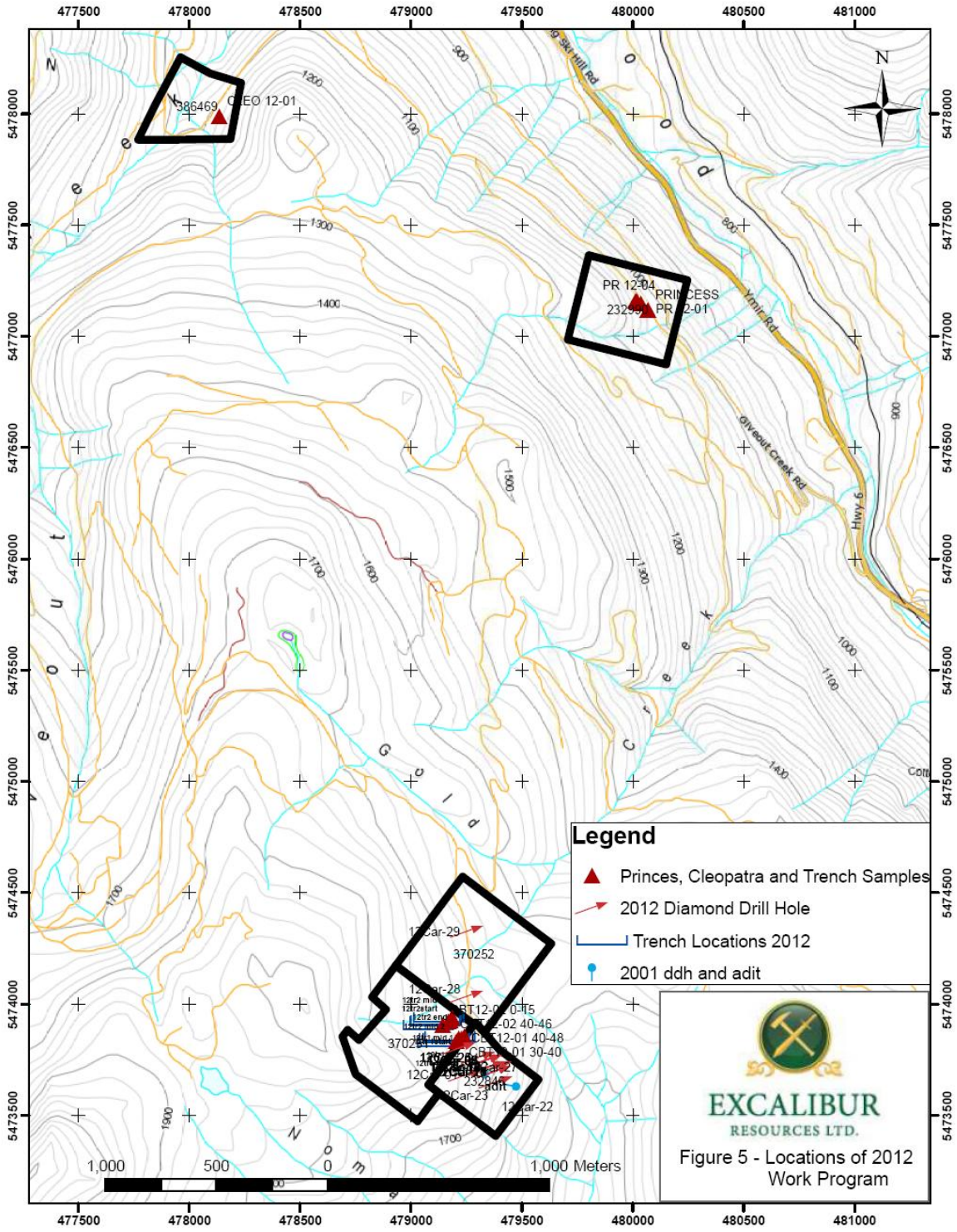


Figure 6 - Drill Hole and Trench Locations, Cariboo

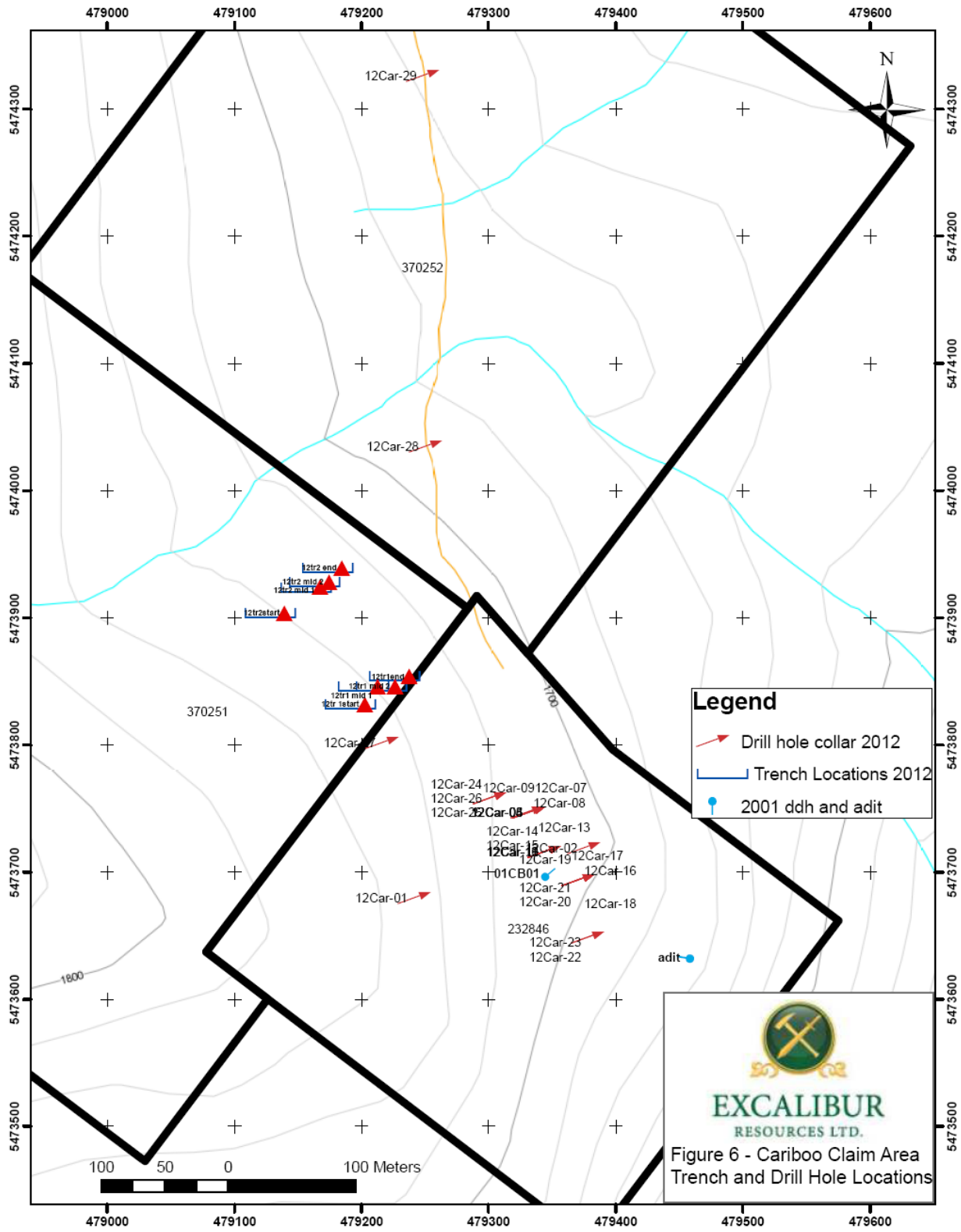


Figure 7 - Princess and Cleopatra Claims Rock Sample Locations

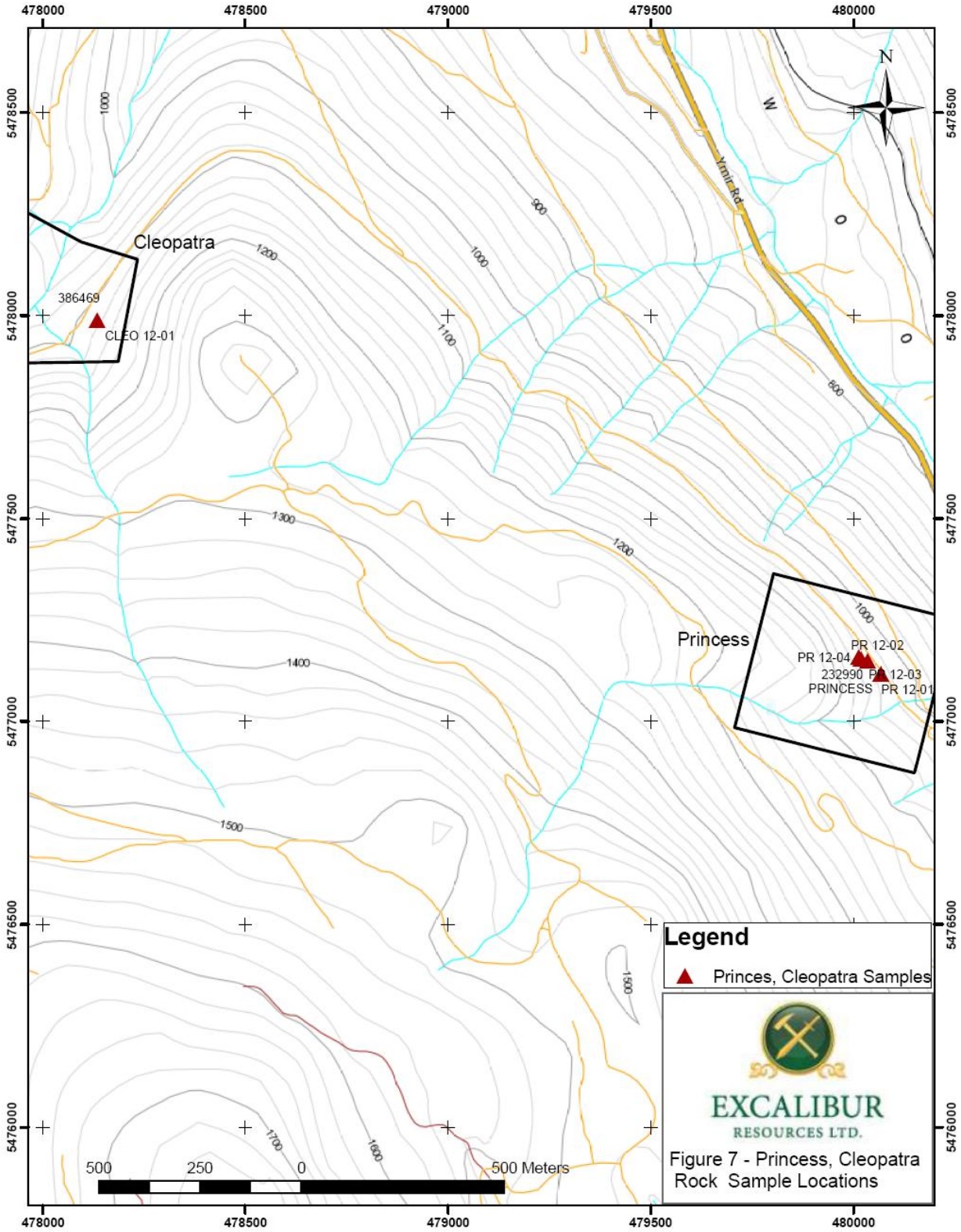


Table 2 - Rock and Trench Sample Location Summary

Sample	x	y	Description Summary	Type
PR 12-01	480067	5477118	SK porph, seric, py, qtz	grab
PR 12-02	480035	5477150	mafic volc, po, cp - dump	grab
PR 12-03	480018	5477155	old Tr, Skarny, malach, cp, po	grab
PR 12-04	480012	5477159	skarny material from working	grab
CLEO 12-01	478133	5477989	Qtz, w, ga, and py - old tr	grab
PRINCESS	480067	5477118	from near waste pile	grab
CBT12-01 10-20	479202	5473832	foliated SK porph	Trench 1 grab/chip
CBT12-01 20-30	479212	5473846	chl schist contact	Trench 1 grab/chip
CBT12-01 30-40	479226	5473846	other side schisty rocks	Trench 1 grab/chip
CBT12-01 40-48	479237	5473854	chl schist with silic seric bands	Trench 1 grab/chip
CBT12-02 0-15	479139	5473904	SK porph	Trench 2 grab/chip
CBT12-02 15-30	479167	5473924	foliated schist contact	Trench 2 grab/chip
CBT12-02 30-40	479174	5473928	other side of schist	Trench 2 grab/chip
CBT12-02 40-46	479184	5473939	weak foliated andesite	Trench 2 grab/chip

9.2 Drilling

A total of 29 diamond drill holes were completed on the property in 2012. Wade Critchlow Enterprises based in Salmo, BC, was contracted to complete diamond drilling using a skid mounted Discovery-1 diamond drill capable of drilling BTW size core to a depth of 400 metres.

Core obtained during the drilling program was logged and sampled at a facility located in Salmo BC. Core sampling was done by a combination of diamond saw and standard manual core splitter. All sample locations were clearly marked on the core boxes, and sample numbers with corresponding intervals were noted. The remaining sampled and logged drill core was retained in the original boxes that were then stacked in racks located at a safe facility in Salmo. A total of 341 core samples were sent to the lab for analysis.

Sampling of core was primarily centered on the visible quartz-carbonate vein system where intercepted. Assorted samples were also obtained from the host rocks to test for possible mineralization away from the obvious veins. Sample maximum width was set at approximately three metres.

Table 3 summarizes drill hole locations and other details.

Table 3 - Drill Hole Location Summary

Hole Id	Pad#	x	y	z	Az	Dip	Length (m)
12Car-01	1	479241	5473680	1766	50	-45	121.31
12Car-02	2	479375	5473719	1719	50	-45	102.72
12Car-03	3	479332	5473747	1712	50	-45	99.97
12Car-04	3	479332	5473747	1712	50	-60	29.87

Hole Id	Pad#	x	y	z	Az	Dip	Length (m)
12Car-05	3	479332	5473747	1712	50	-90	14.94
12Car-06	3	479332	5473747	1712	66	-45	17.68
12Car-07	3	479332	5473747	1712	66	-60	17.98
12Car-08	3a	479330	5473747	1712	35	-45	14.63
12Car-09	3a	479330	5473747	1712	35	-60	14.63
12Car-10	4	479344	5473716	1710	30	-45	47.85
12Car-11	4	479344	5473716	1710	30	-60	32.92
12Car-12	4	479344	5473716	1710	50	-45	29.87
12Car-13	4	479344	5473716	1710	50	-60	32.92
12Car-14	4	479344	5473716	1710	70	-45	35.97
12Car-15	4	479344	5473716	1710	70	-60	31.39
12Car-16	5	479370	5473694	1710	30	-45	35.97
12Car-17	5	479370	5473694	1710	30	-60	29.87
12Car-18	5	479370	5473694	1710	50	-45	32.61
12Car-19	5	479370	5473694	1710	50	-60	32.92
12Car-20	5	479370	5473694	1710	70	-45	29.87
12Car-21	5	479370	5473694	1710	70	-60	32.92
12Car-22	6	479378	5473649	1703	50	-45	52.21
12Car-23	6	479378	5473649	1703	50	-60	59.9
12Car-24	7	479300	5473758	1731	56	-45	32.92
12Car-25	7	479300	5473758	1731	72	-45	32.61
12Car-26	7	479300	5473758	1731	72	-60	48.16
12Car-27	8	479216	5473802	1748	60	-45	121.01
12Car-28	9	479250	5474035	1695	50	-45	156.06
12Car-29	10	479248	5474326	1667	50	-45	127.1
						TOTAL	1468.78

10.0) SAMPLE PREPARATION, ANALYSIS, AND SECURITY

Rock and core samples were shipped to Acme Laboratories in Vancouver, BC via Overland West Trucking. Samples were analyzed for 36 elements using Acme's Group 1DX2 methodology. Details of the 1DX2 aqua regia geochemical analysis are provided in the following page.

Core and rock samples were handled by consultants and contractors working for Excalibur Resources only. Samples were placed into shipping bags enclosed with zap straps. All samples were placed onto pallets at the sampling facility where they were picked up by the trucking company, and taken directly to the Vancouver laboratory. All remaining drill core is currently stored in racks in a secure facility located in Salmo, BC. Coordinates of the storage are UTM Nad83 480880E/5451515N.

Table 4 - Acme Laboratory Group 1DX2 Specifications

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
34 elements	$9.40

Group 1D03	Cdn
Include Uranium	+$0.50

Code	Group 1DX	Cdn
1DX1	36 elements 0.5g	$15.75
1DX2	36 elements 15g	$19.95
1DX3	36 elements 30g	$23.60
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.

11.0) RESULTS

11.1 Rock and Trench Sampling Results

Table 5 provides a summary of results from the rock sampling program at the Princess and Cleopatra claims, and samples taken from the two trenches completed on the Cariboo trend. Figures 8 to 10 provide the posted results for gold, silver and copper for each of the samples.

The most significant results were obtained from the Princess claim prospecting. Samples of rocks taken from some of the old workings on the claim returned elevated copper and gold values, with over 1% copper, 40 grams per tonne silver and 0.4 grams per tonne gold from sample PR12-02. The sample taken from the Cleopatra claim (sample CLEO12-01) did not return any significant values.

The two trenches that were sampled (CBT12-01 and CBT12-02) did not return significant values. This is not unexpected as the intent of the trenching program was to further define the location of the contact between Silver King porphyry rocks (sk porph), and the volcanic rocks (chl sch or schisty rocks). The Cariboo vein mineralization, where intersected, is found to be to the east of this contact.

Table 5 - Rock Sample Results

Sample	x	y	Rock description summary	Cu (ppm)	Ag (ppm)	Au (ppb)
PR 12-01	480067	5477118	Sk porph, seric, py q	29.9	0.5	106.4
PR 12-02	480035	5477150	mafic volc, po, cp dump	>10000.0	39.8	399.4
PR 12-03	480018	5477155	old Tr, Skarny, malach, cp po	7314.8	9.2	699
PR 12-04	480012	5477159	skarny material from working	8937.2	9.5	895.1
CLEO 12-01	478133	5477989	qtz w ga and py, old tr	57.6	2.2	33.4
PRINCESS	480067	5477118	grab from near waste pile	12.8	0.3	16.9
CBT12-01 10-20	479202	5473832	foliated sk porph	109.1	0.1	3.2
CBT12-01 20-30	479212	5473846	chl sch contact	102.9	<0.1	11.4
CBT12-01 30-40	479226	5473846	other side schisty rx	92.8	0.1	4.5
CBT12-01 40-48	479237	5473854	chl sch with silic seric bands	45.1	<0.1	3.1
CBT12-02 0-15	479139	5473904	sk porph	15.8	<0.1	3.5
CBT12-02 15-30	479167	5473924	foliated sch contact	8.1	<0.1	1.5
CBT12-02 30-40	479174	5473928	other side of sch	79.8	<0.1	4.2
CBT12-02 40-46	479184	5473939	weak foliated andesite	148.1	0.1	47.7

Figure 8 - Cleopatra Claim Rock Sample Results, Gold, Silver and Copper

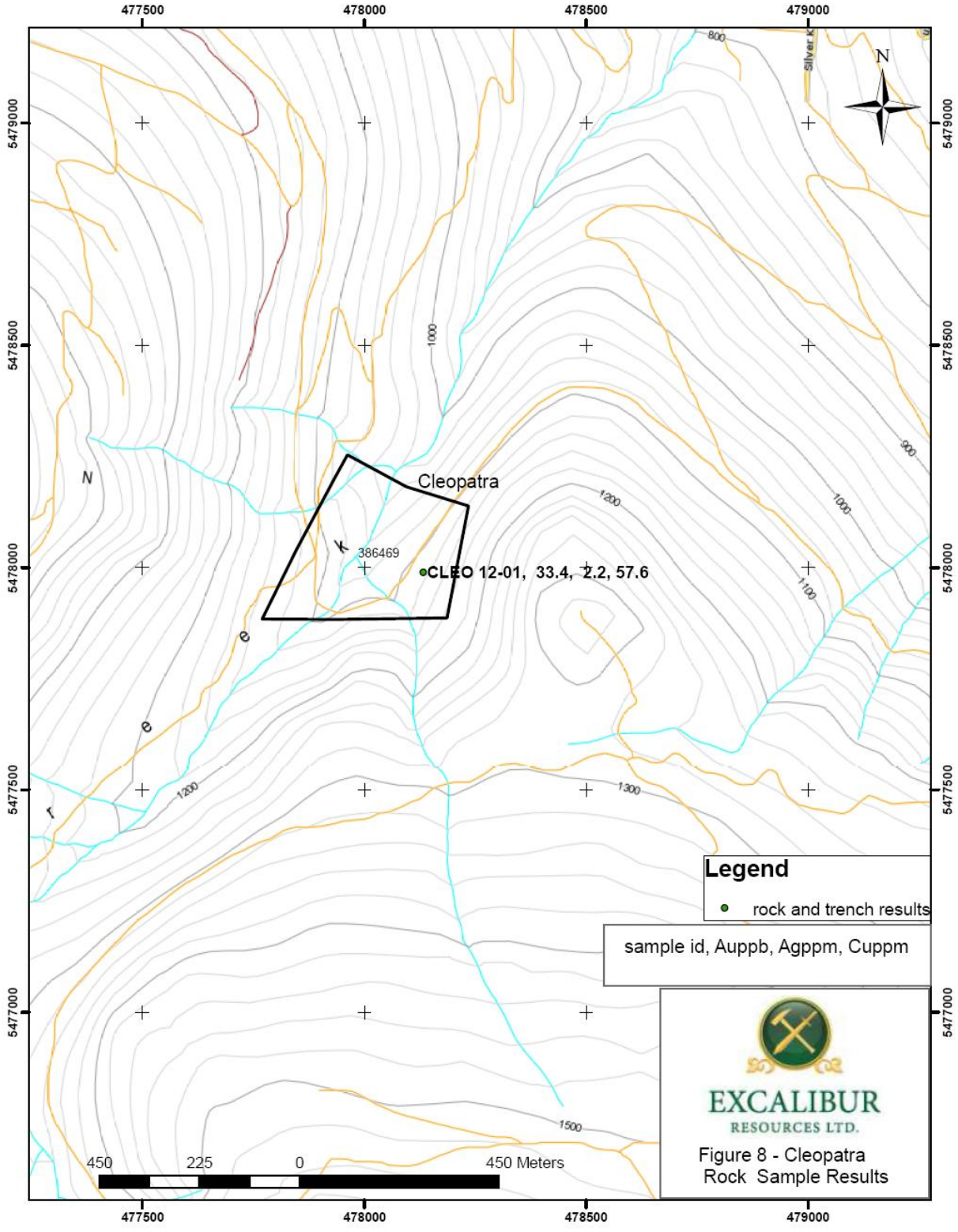


Figure 9 - Princes Claim Rock Sample Results, Gold, Silver, Copper

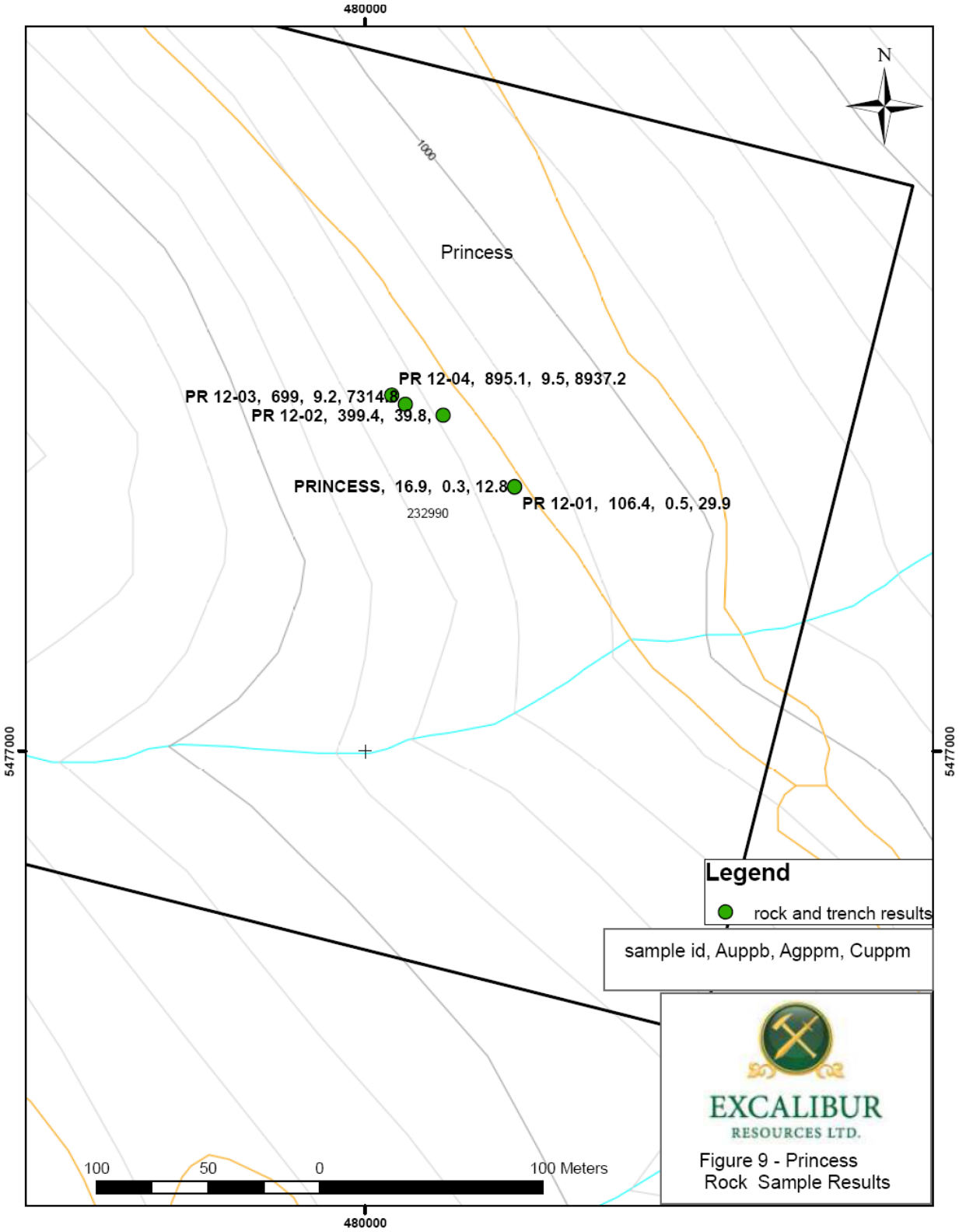
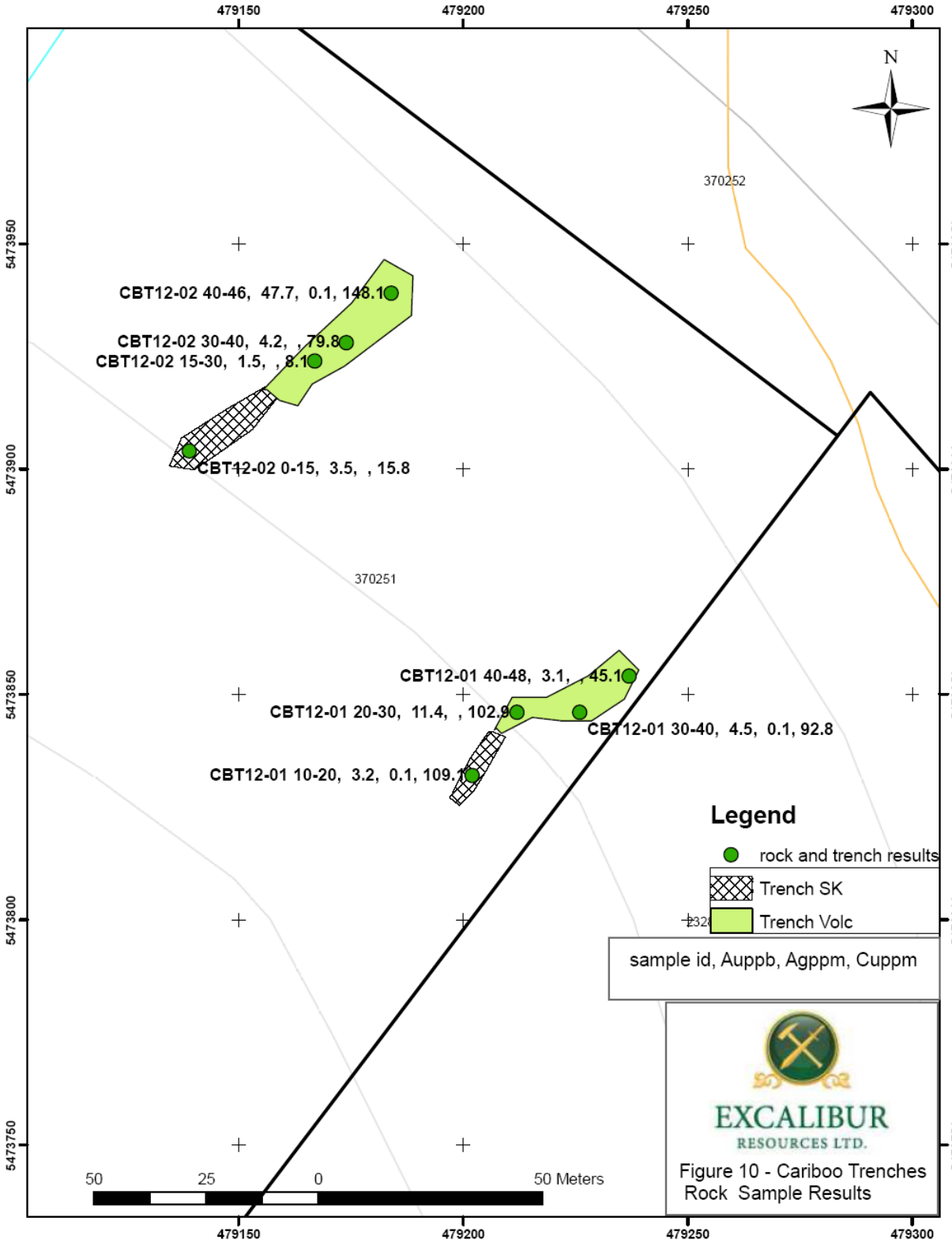


Figure 10 - Trench Sample Results, Gold, Silver, Copper



11.2 Drill Results

Table 6 provides a summary of the drilling results from the 2012 Cariboo drilling program. Figures 11 through 20 provide a plan and sections through drill holes with geology and assay results (gold and silver) posted.

Sections are plotted facing NW, with gold posted to the left and silver to the right along the drill hole trace. Sections may include up to six diamond drill holes that were positioned from a single drill pad, resulting in a fan of drill holes being cut in a single section. The main objective in the drill hole design was to locate and sample the quartz carbonate vein. In these sections, the best results for silver and gold (in red), and the location of the vein (in yellow), are more evident than the cluster of results that are less significant (blue) and may be obscured by the overlapping results as posted along the drill holes.

The geology intercepted in all drill holes is composed of volcanic tuff and breccia with lesser Silver King diorite porphyry. The volcanic rocks are primarily andesitic with some darker sections interpreted as basaltic. All of the rocks have undergone variable levels of shearing along the Silver King shear, resulting in highly laminated to schistose fabrics. The interpretation of the protolith for each rock type is based upon remnant visible mineralogy and textures, as well as knowledge of the regional geology of the area.

The highest gold value of 11.1 grams per tonne over 1.28 metres was returned from hole 12Car-16 from 22.11 to 23.39 metres depth. This sample was from the Cariboo vein, and is typical of most of the intersections in drill holes that intercepted the vein. Intercepts typically show strong silver to gold ratios, with elevated lead and zinc values common. The highest silver value of 101 grams per tonne over 0.66 metres was returned from hole 12Car-05 from 8.84 to 9.5 metres depth.

Many of the multiple intercepts shown some of the drill holes summarized in Table 6 can be composited into wider intercept widths, as shown in bold in results shown in the table. Many intercepts of 2 metres to 5.5 metres width contain gold values commonly ranging from 2 to 6 grams per tonne, and silver values ranging from 30 to 60 grams per tonne. The composited values for only silver and gold are shown in the table. The main vein intercepted within these wider zones is generally less than one and up to two metres wide, implying that grades for silver and gold are also found in the wall rocks beside the vein.

Holes 12Car-15 and 12Car-23 to 12Car-29 did not contain any significant values based upon a one gram per tonne or higher gold grade.

Table 6 - Diamond Drilling Significant Results (based on > 1 gpt Au)

Hole id	Sample id	From (m)	To (m)	Interval* (m)	Pb ppm	Zn ppm	Ag ppm	Au ppb
12Car-01	2098375	116.90	118.42	1.52	1428.1	5160	98	4270
12Car-02	2098387	36.00	37.18	1.18	1494.7	4207	67	6011.9
12Car-03	2098408	4.75	6.35	1.60	4333.4	4093	63.4	2195.4
12Car-04		**5.10**	**7.70**	**2.60**			**44**	**1305**
including	2098432	5.10	6.60	1.50	3242.9	3980	50.0	1070.9
and	2098434	6.60	7.70	1.10	405.7	1228	35.3	1623.4
12Car-05		**8.00**	**11.17**	**3.17**			**74**	**2839**

Hole id	Sample id	From (m)	To (m)	Interval* (m)	Pb ppm	Zn ppm	Ag ppm	Au ppb
including	2098448	8.00	8.84	0.84	1306.4	1776	72.0	1331.1
and	2098449	8.84	9.50	0.66	1971.0	6332	101.0	3599.5
and	2098450	9.50	11.17	1.67	1498.0	3589	63.9	3297.5
12Car-06		**7.10**	**9.15**	**2.05**			**47**	**2253**
including	2098457	7.10	8.53	1.43	1411.7	3150	37.5	1934.9
and	2098459	8.53	9.15	0.62	1650.2	4409	68.4	2985.1
12Car-07		**6.35**	**11.89**	**5.54**			**25**	**4081**
including	2098465	6.35	7.35	1.00	573.0	733	11.6	1316.5
and	2098466	7.35	8.84	1.49	1729.2	3667	50.0	8134.8
and	2098467	8.84	9.70	0.86	688.6	2402	29.8	1793.9
and	2098468	9.70	11.89	2.19	257.2	760	12.6	8417.8
12Car-08		**5.49**	**8.53**	**3.04**			**33.8**	**1984**
including	2098470	5.49	6.20	0.71	313.9	1147	25.3	2120.8
and	2098471	6.20	7.00	0.80	1394.1	2444	60.9	1709.9
and	2098472	7.00	8.24	1.24	844.6	1896	36.6	2146.5
and	2098474	8.24	8.53	0.29	600.7	1700	65.6	1707.8
12Car-09		**6.73**	**8.08**	**1.35**			**68.7**	**2922**
including	2098480	6.73	7.52	0.79	1599.8	4101	93.3	3053.8
and	2098481	7.52	8.08	0.56	769.0	1873	33.9	2735.6
12Car-10		**22.5**	**24.75**	**2.25**			**56.9**	**4108**
including	2098485	22.50	23.28	0.78	2568.2	4824	87.6	6803.2
and	2098486	23.28	23.66	0.38	779.4	4952	32.8	2666.7
and	2098487	23.66	24.75	1.09	942.4	4308	43.4	2681.1
12Car-11		**23.77**	**26.1**	**2.33**			**38.6**	**6379**
including	2098492	23.77	24.76	0.99	332.6	1182	22.4	3239.9
and	2098494	24.76	26.10	1.34	3883.8	>10000	50.6	8698.1
12Car-12	2098500	25.60	27.10	1.50	1472.8	7519	32.8	3083.3
12Car-13		**25.75**	**28.1**	**2.35**			**35.8**	**2991**
including	2098508	25.75	26.85	1.10	2888.2	2820	45.5	1971.4
and	2098509	26.85	28.10	1.25	1262.0	4370	27.2	3888.6
12Car-14		**29.7**	**32.38**	**2.68**			**33.5**	**2375**
including	2098515	29.70	30.10	0.40	765.2	2721	32.1	2563.3
and	2098516	30.10	32.38	2.28	688.2	2475	33.8	2341.8
12Car-16		**20.73**	**23.93**	**3.2**			**48.7**	**6277**
including	2098529	20.73	21.56	0.83	849.8	1967	17.6	4922.5
and	2098530	21.56	22.11	0.55	299.4	3324	29.1	2264.2
and	2098531	22.11	23.39	1.28	2712.8	5554	91.7	11099.0
and	2098532	23.39	23.93	0.54	486.6	2286	14.7	1016.9
12Car-17	2098542	23.77	25.10	1.33	1667.1	5916	68.0	7432.3
12Car-18	2098547	20.79	22.00	1.21	2328.9	4334	56.7	2179.3
12Car-19		**22.95**	**26.82**	**3.87**			**41.1**	**3928**
including	2098554	22.95	23.86	0.91	2489.7	7929	85.7	7944.0

Hole id	Sample id	From (m)	To (m)	Interval* (m)	Pb ppm	Zn ppm	Ag ppm	Au ppb
and	2098555	23.86	24.92	1.06	3703.3	8847	68.2	5314.6
and	2098557	24.92	26.82	1.90	212.2	1401	4.7	1229.1
12Car-20	2098561	21.75	23.09	1.34	1895.6	9513	36.1	6004.7
12Car-21	2098569	23.80	25.30	1.50	524.4	4605	19.1	1187.0
12Car-22		**43.5**	**45.9**	**2.4**			**44.6**	**4771**
including	2098574	43.50	44.90	1.40	1699.9	7945	62.1	7394.4
and	2098575	44.90	45.90	1.00	979.2	4405	20.2	1098.9

*True width not calculated, but is estimated to be marginally less than the reported interval length.

Figure 11 - Drill Hole Locations

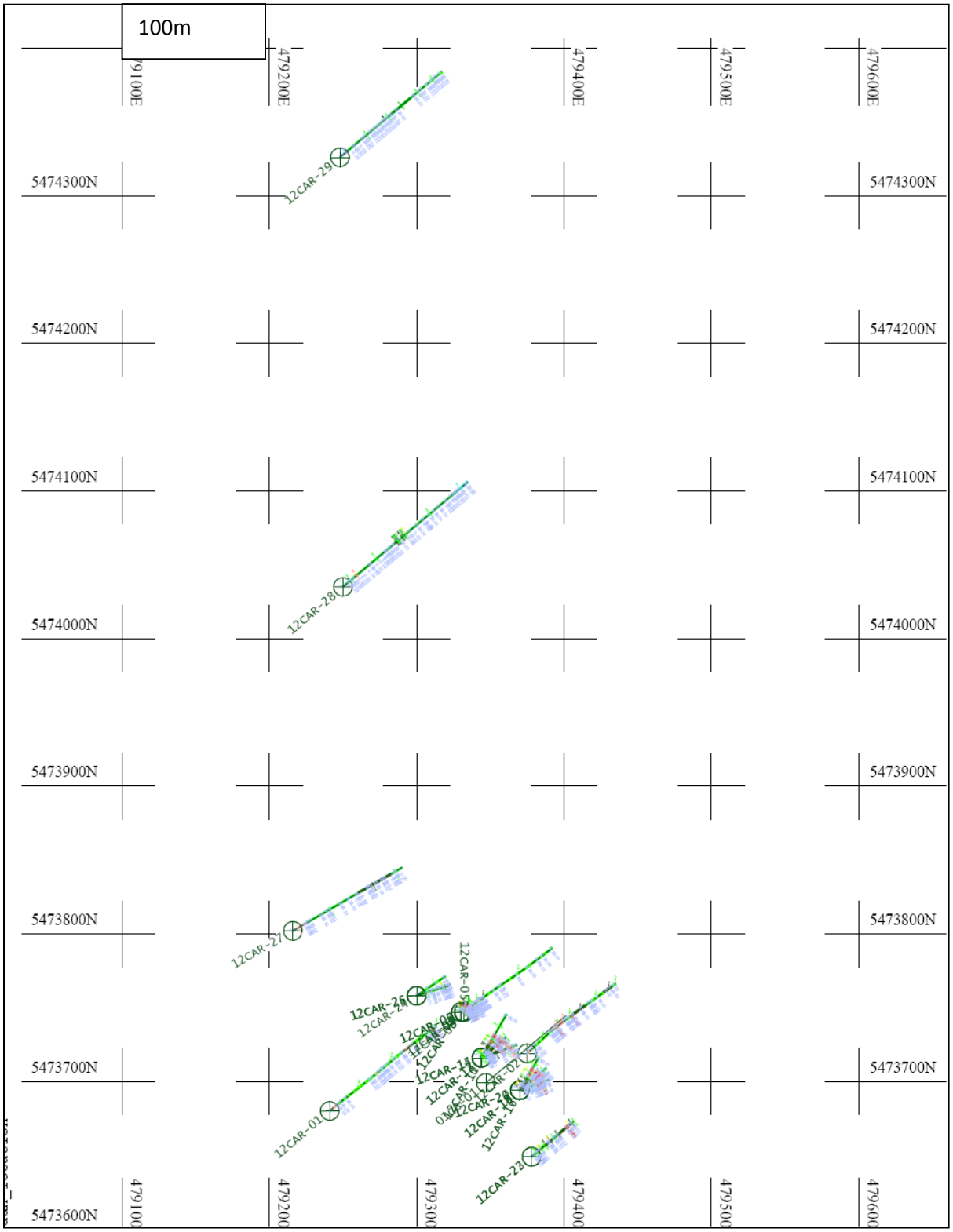


Figure 12 - DDH Section 12Car-22 And 12Car 23, Facing NW

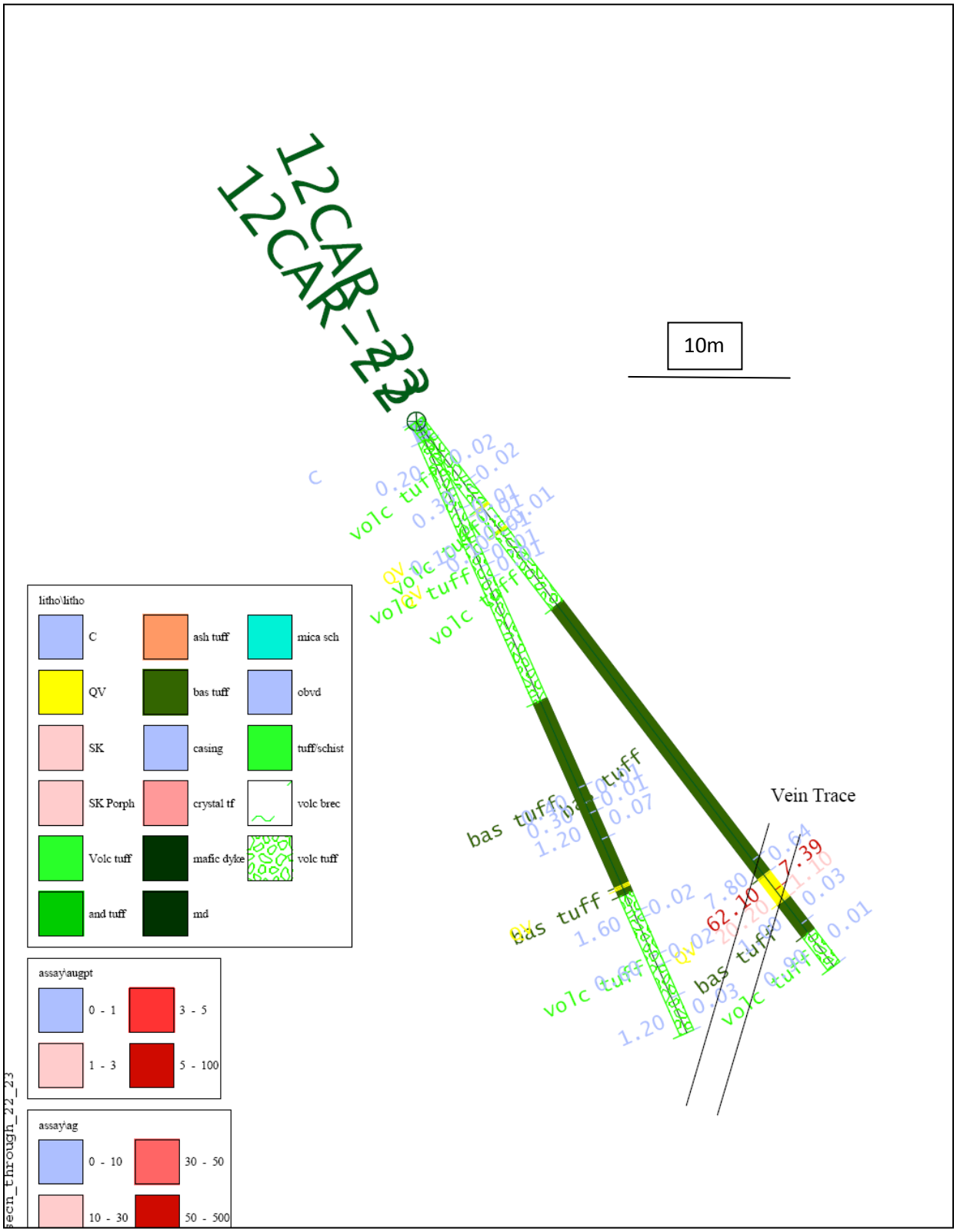


Figure 13 - DDH Section 12Car-16 to 12Car-21

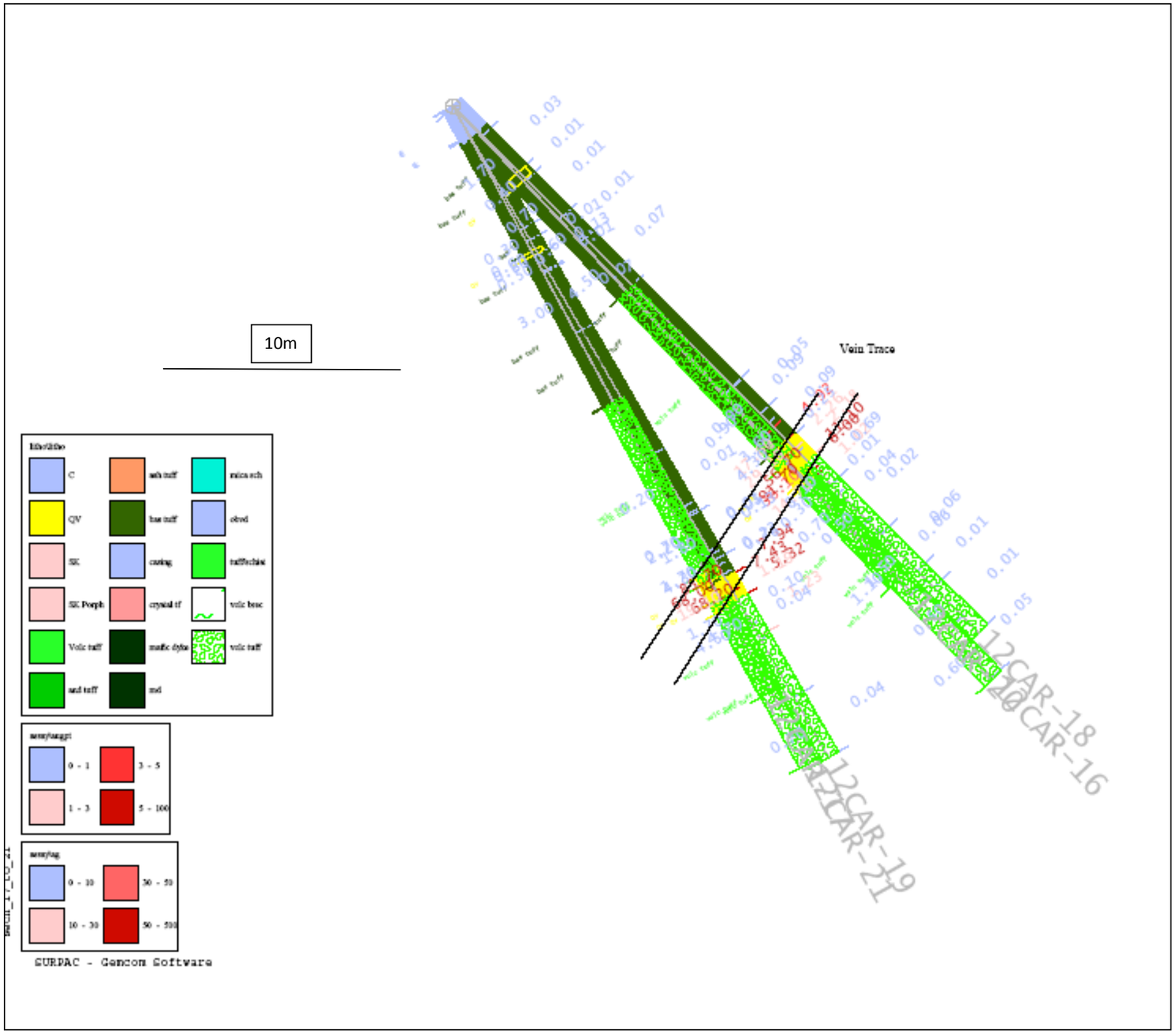


Figure 14 - DDH Section 12Car-02

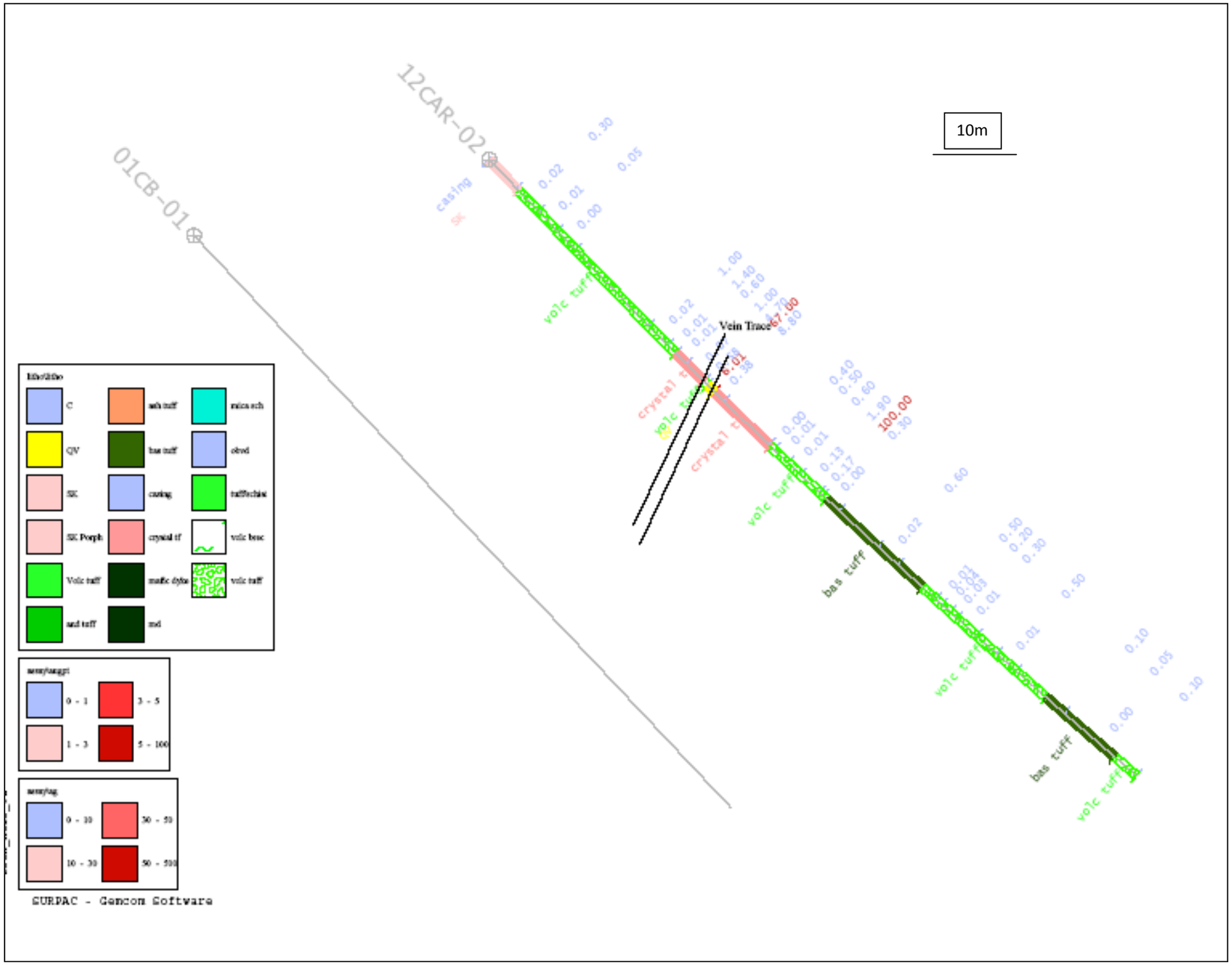


Figure 15 - DDH Section 12Car-10 to 12Car-15

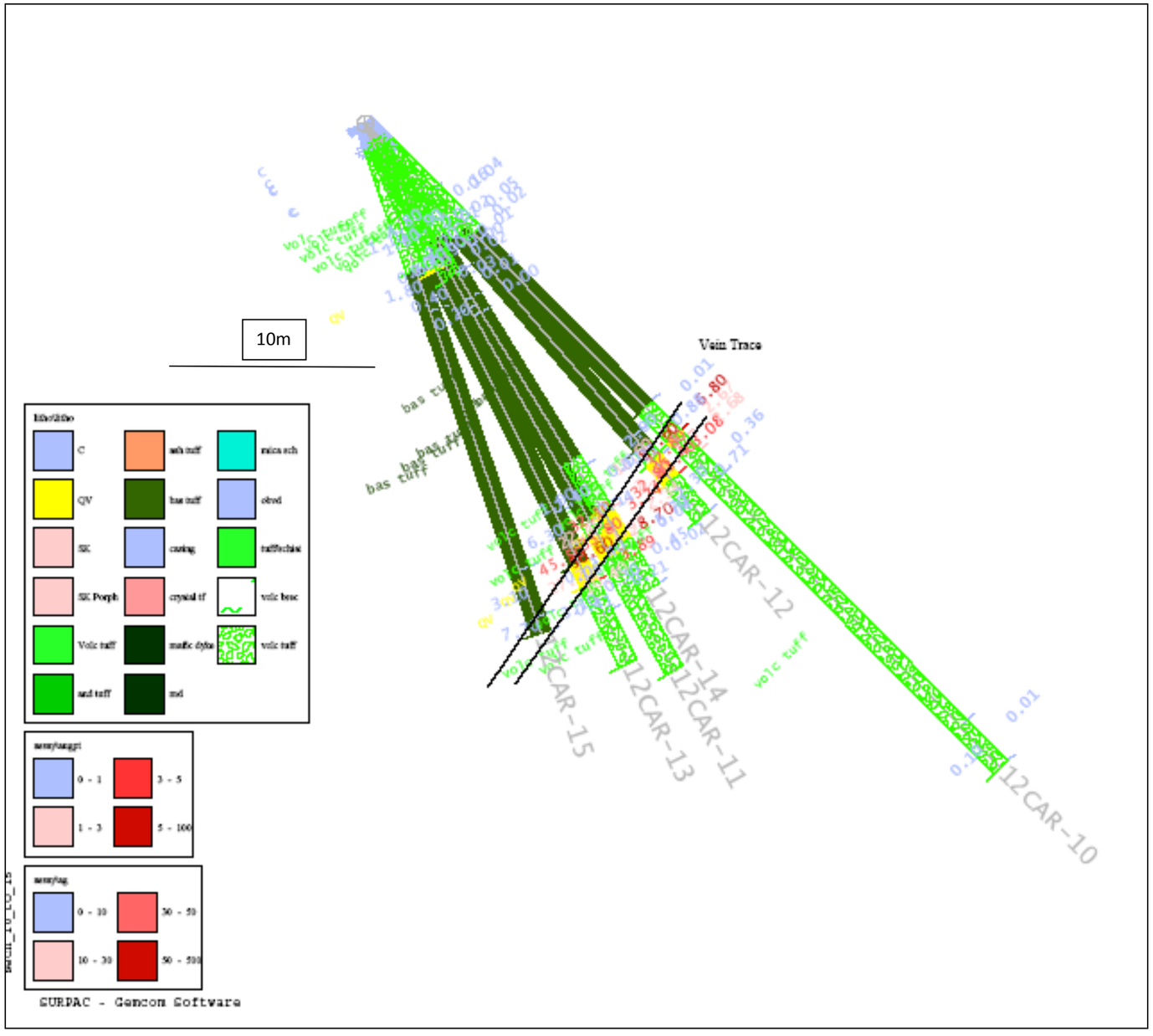


Figure 16 - DDH Section 12Car-01 and 12Car-03 to 12Car-09

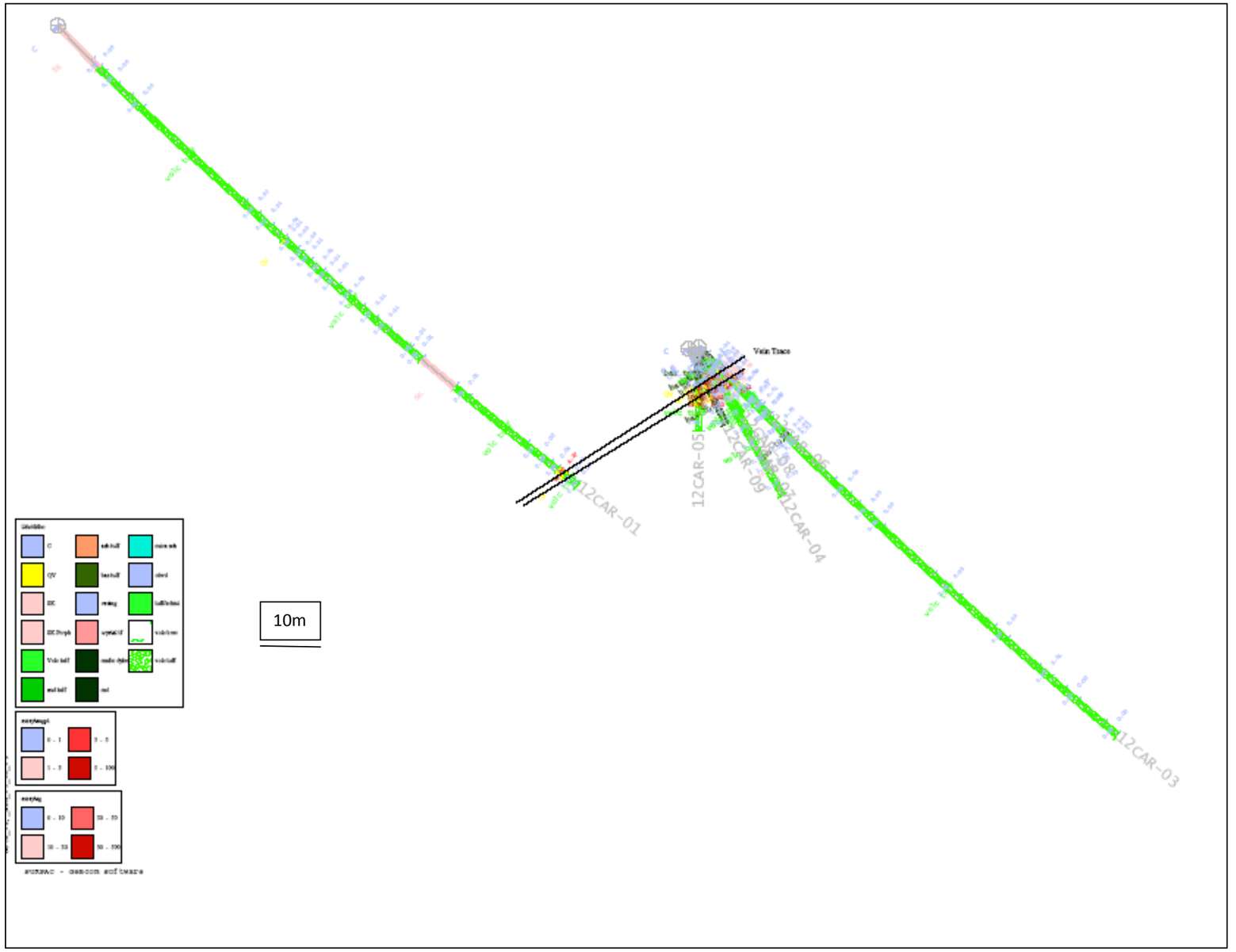


Figure 17 - DDH Section 12Car-24, 25, 26

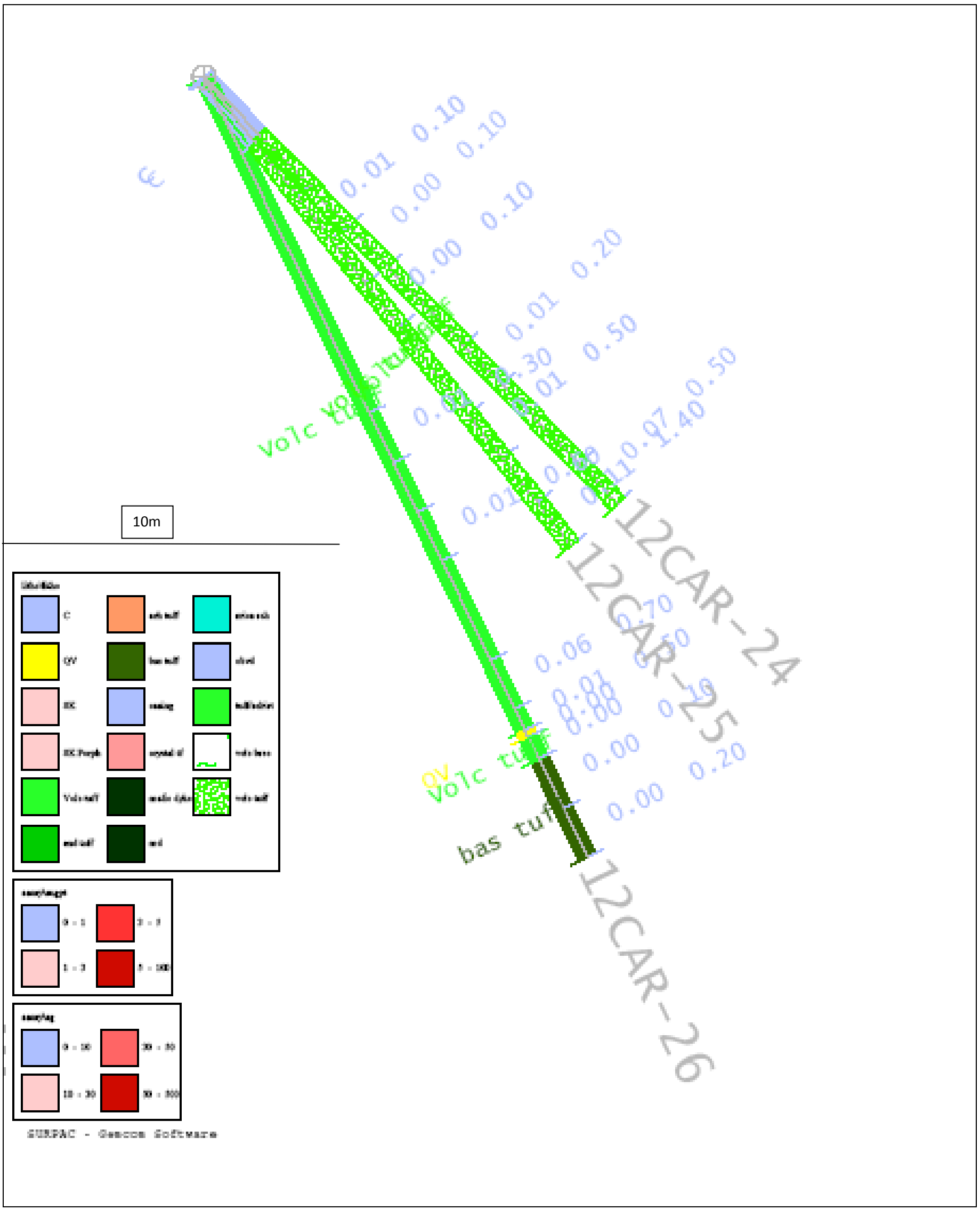


Figure 18 - Section 12Car-27

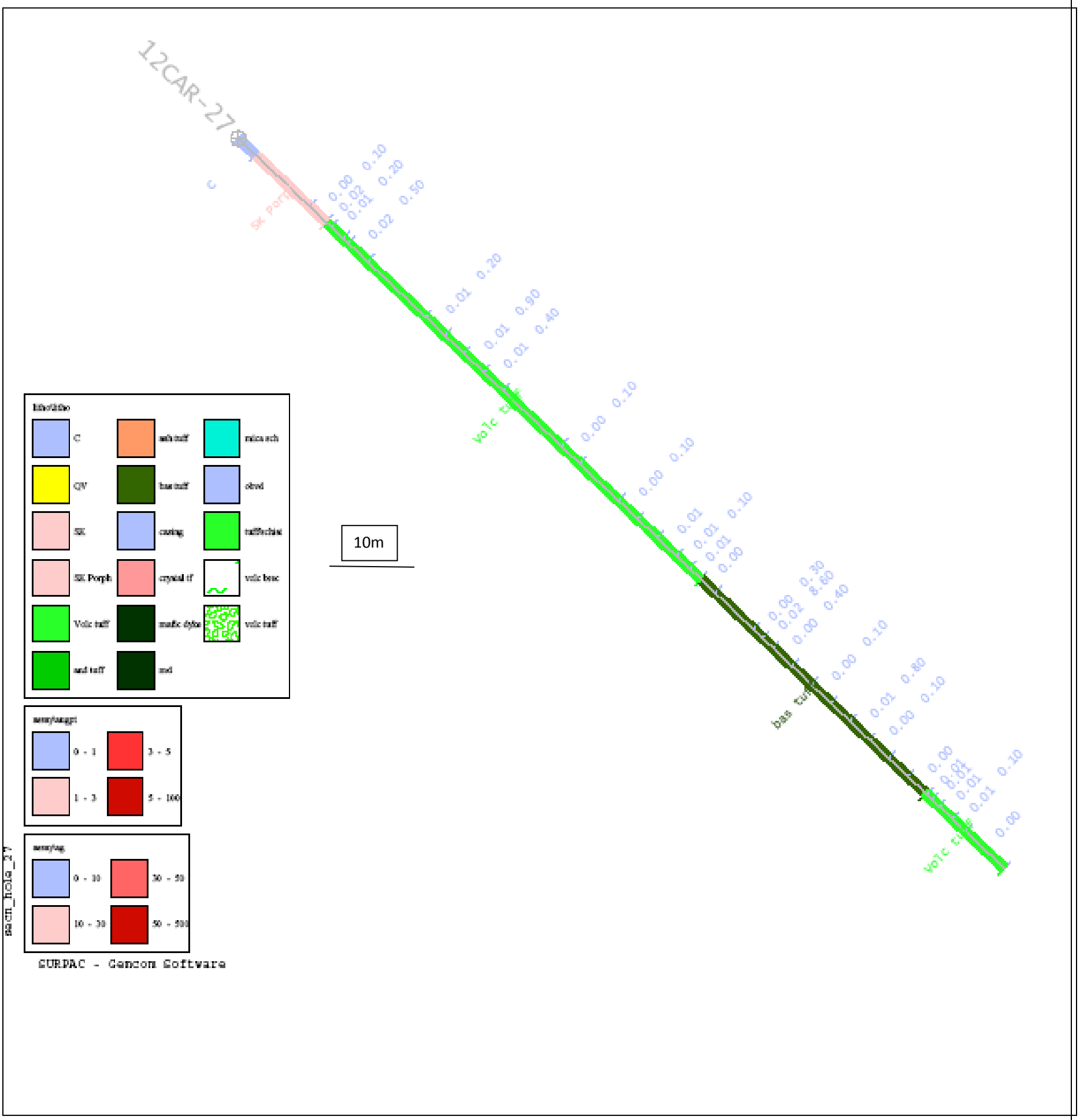


Figure 19 - Section 12Car-28

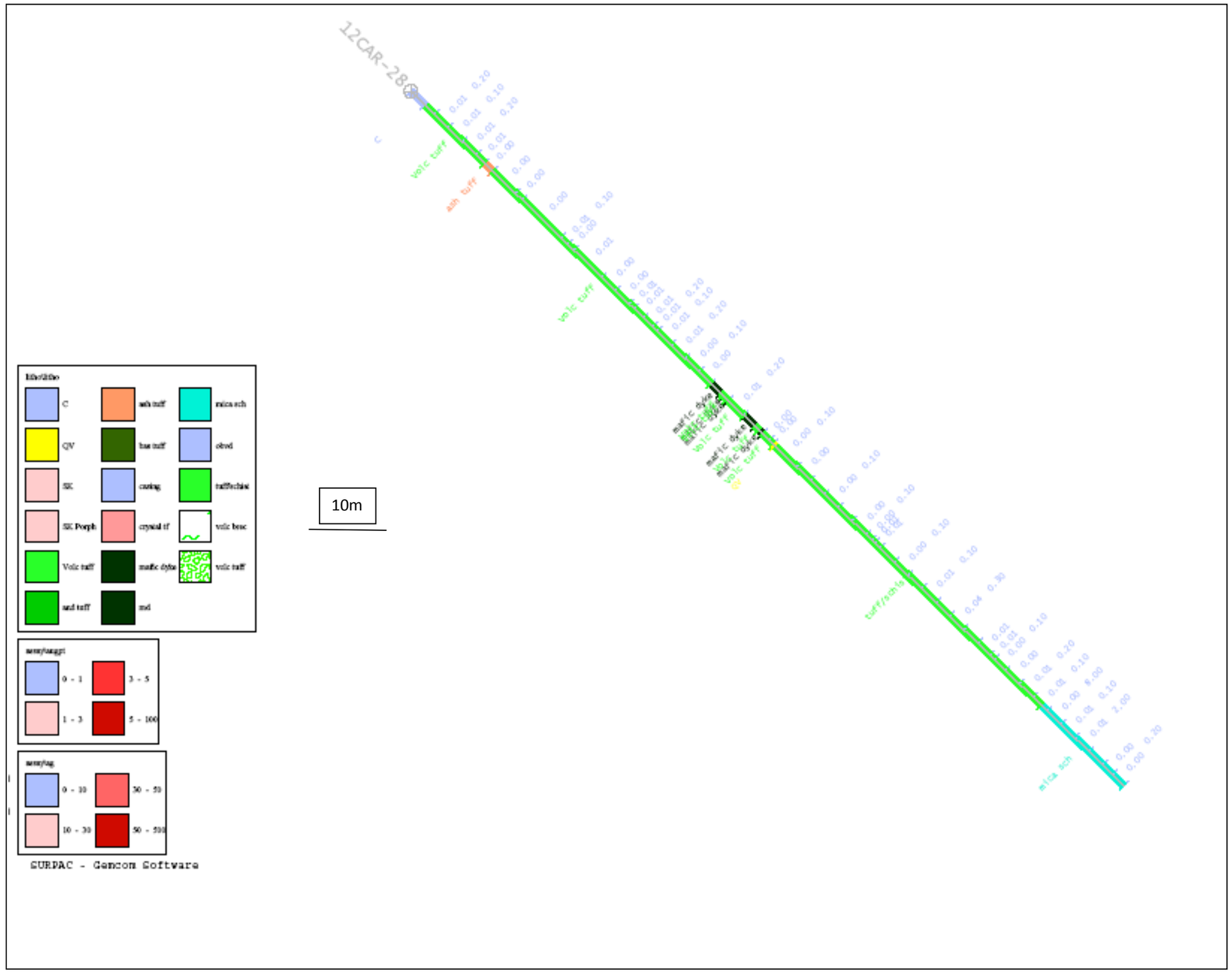
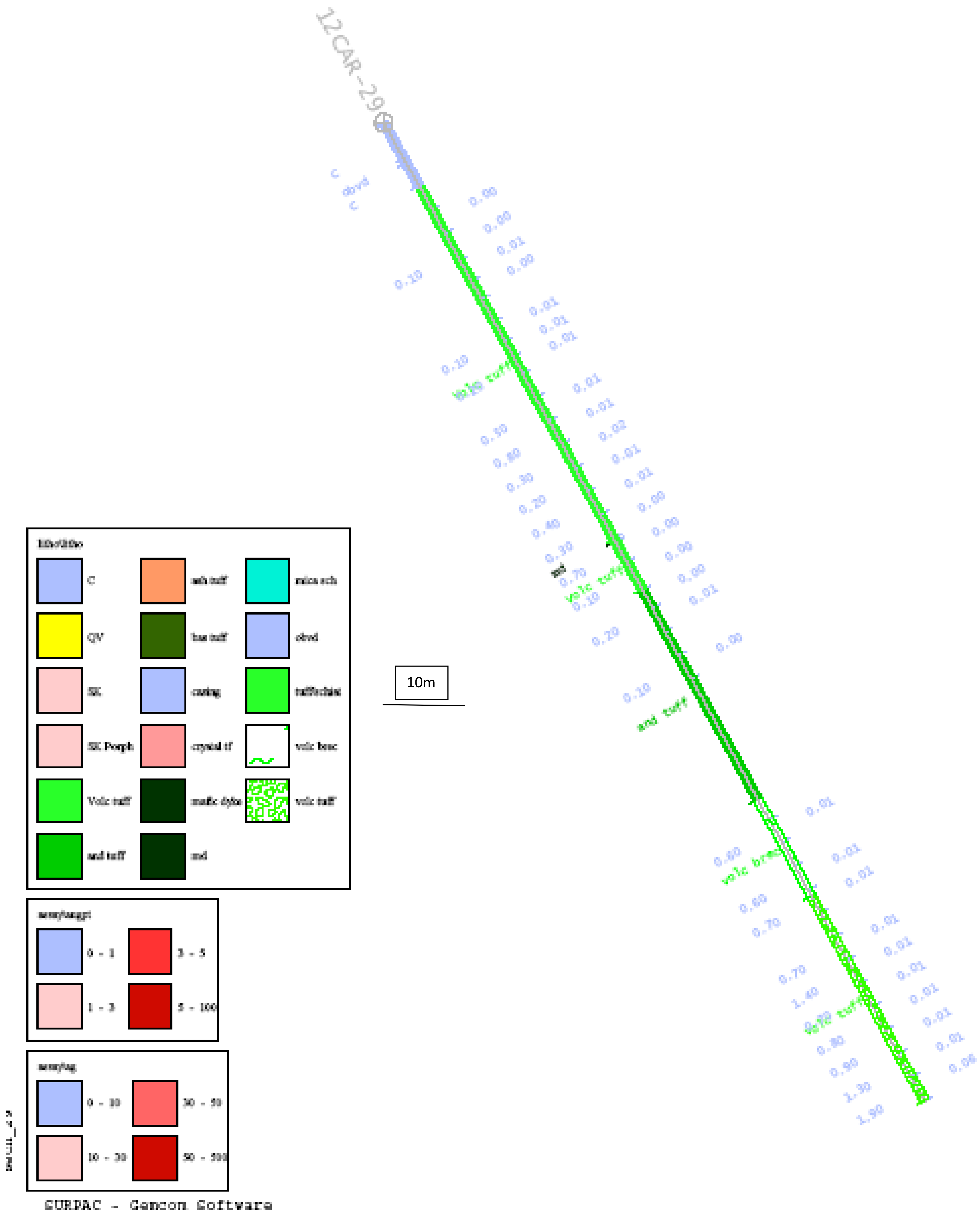


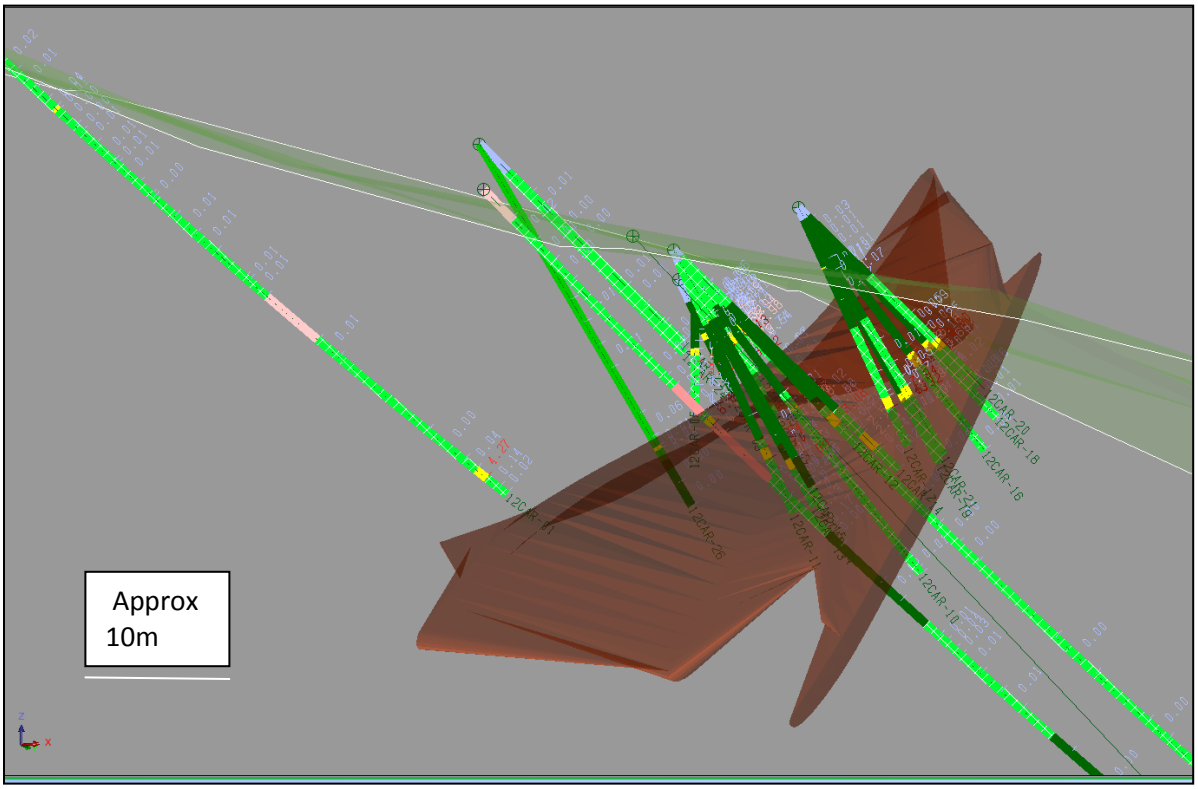
Figure 20 - Section 12Car-29



No significant results for gold or silver were obtained from holes 12Car-24 to 12Car-29. The Cariboo Vein is interpreted to extend from the section including holes 12Car-22 and 12Car-23 at the south northwest to the section including holes 12Car-03 to 12Car-09, a strike distance of approximately 120 metres.

Figure 21 shows a geologic model of the vein with the drill hole traces. The surface model has been taken from the 1:20,000 TRIM map DTM, and is likely not accurate enough for the scale of detail needed to display topography over this small vein system, as indicated by drill hole collars being above or below the modeled surface.

Figure 21 - 3D Model of Vein, Drill Holes and Surface



The calculated volume (Surpac 6.3 Software) for the geologic modeled mineralized vein is 13,966 cubic metres. Further work would be required to obtain a tonnage and average gold and silver grade for this section of the Cariboo Vein.

12.0) DATA VERIFICATION

ACME Analytical Laboratory, utilized by Excalibur for this project, is registered with ISO 9001:2000 accreditation.

The International Standards Organization (ISO) adopted a series of guidelines (ISO 9000 to 9004) for the global standardization of Quality Assurance for products and services. A company seeking accreditation must implement and maintain a quality assurance system that is compliant with one of the three applicable models (i.e. ISO 9001, 9002 or 9003). Some of the aspects specifically addressed in a quality assurance system include:

- Responsibility of management in defining and achieving quality goals,
- Contract review to ensure customer needs are understood and met,
- Procurement of supplies and services capable of delivering the desired level of quality,
- Handling of material supplied by the customer to ensure integrity,
- Controlling processes to ensure consistency of quality,
- Inspection and testing to ensure that all work meets or exceeds quality criteria,
- Correction and prevention of non-conformities (errors),
- Training of staff, and
- Statistical analysis to ensure quality criteria is met.

The Labs utilize standards and duplicate analysis of samples as part of their quality assurance. The laboratory identifies and remedies situations where the analysis of duplicates or standards is not within allowable levels of variation.

The lab uses blanks (analytical and method), duplicates and standard reference materials inserted in the sequences of client samples to provide a measure of background noise, accuracy and precision. Their QA/QC protocol incorporates a granite or quartz sample preparation blank(s) carried through all stages of preparation and analysis as the first sample(s) in the job.

Pulp duplicates to monitor analytical precision are inserted approximately every 20 samples, a -10 mesh reject duplicate to monitor sub-sampling variation is inserted approximately every 40 samples, a reagent blank to measure background error is inserted approximately every 30 samples, an initial and final preparation blank is used for each sample batch, an aliquot of Certified Reference Material (CRM) or In-house Reference Material to monitor accuracy is inserted approximately every 15 samples.

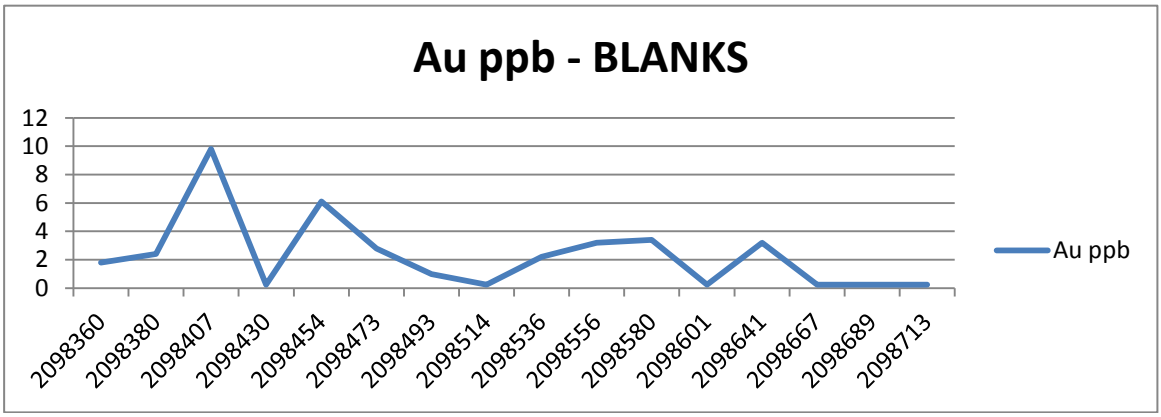
In the absence of suitable CRMs In-house Reference Materials are prepared and certified against internationally certified reference materials such as CANMET and USGS standards where possible and will be externally verified at a minimum of 3 other commercial laboratories. Using these inserted quality control samples each analytical batch and complete job is rigorously reviewed and validated prior to release.

ACME provides the client with full analytical results of all their quality control samples. Examination of the assay certificates did not show any significant deviations from expected results. It can be concluded that the assay values obtained during the 2012 diamond drilling program are accurate.

In addition to ACME Labs standard routine procedure of inserting standards, blanks, and duplicate assays, Excalibur established a procedure for the drilling program consisting of inserting one ‘blank’ sample approximately every 20th sample, and one standard every 20th sample. The blank material was “granite” procured from a landscape supply company. The blanks generally returned very insignificant amounts of base and precious metals. Standards were obtained from CDN Labs in

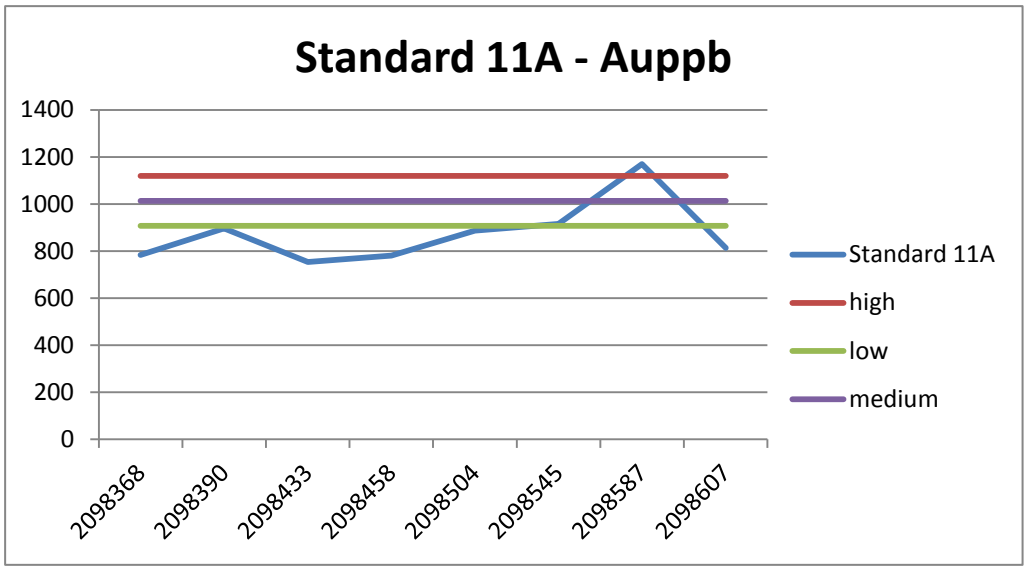
Vancouver. Plots of results of analysis for standard and blank materials inserted into the sample stream are provided below.

Figure 22 - Blanks Analysis, Auppb



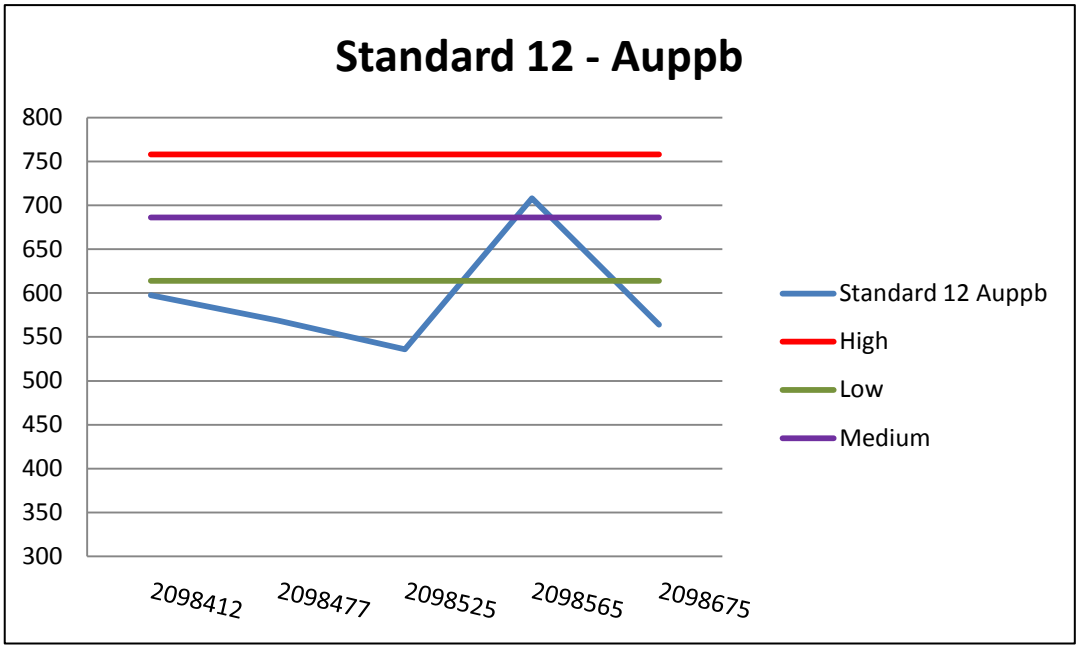
The blank performance shows a range of approximately 10 parts per billion for gold content, which is not considered significant to alter the results for core sampling in the vein system.

Figure 23 - Standard 11A Results - Auppb



Standard CDN-CM-11A results for the core sample insertion shows a lower result than the two standard deviation low value for five of the eight samples. This might be the result of using an ICP analysis over fire assay for the core samples. The values were up to 150 ppb less than the low boundary for the standard material. This is not considered significant enough to trigger further analysis at this time.

Figure 24 - Standard 12 Results - Auppb



Standard CDN-CM-12 also returned lower values than the two standard deviation low that is provided as the reference for this material. As with the 11A standard, this is likely due to the type of analysis used (ICP) in the core sampling.

13.0) DISCUSSION

It is important to look at the mineralization on the Kena Property and other adjacent properties as they all lie in close proximity and in similar geological (lithological and structural) settings to the Cariboo Property. Although mineral assemblages change throughout the surrounding properties, they tend to all contain (to lessor or greater extent) Au, Ag, Cu, Pb, and Zn, and they all appear related to the Silver King shear zone or similar parallel structures.

The Cariboo property lies within a trend of historic mines and showings. Included in these is the Star porphyry/shear-hosted Au-Ag-Cu property located immediately northwest of the Cariboo.

The geology of the Star property is dominated in the southeast by the highly schistose metavolcanics and in the northwest by the co-magmatic dioritic to monzodioritic units of the Early to Middle Jurassic Eagle Creek Plutonic Complex. Mineralization is aligned preferentially within the regionally prominent north to north-west trending Silver King Shear Zone.

Drill highlights at the Star Property's Gold Eagle and Alma N Zones returned from four BTW-sized holes totalling 836 metres include:

VTN10-008 (Gold Eagle):	4.02 g/t Au & 9.51 g/t Ag over 24.33 metres
Including:	7.76 g/t Au & 20.29 g/t Ag over 9.11 metres
Including:	14.47 g/t Au & 34.60 g/t Ag over 4.0 metres
VST10-012 (Alma N):	1.35 g/t Au & 0.65 g/t Ag over 22.00 metres
Including:	5.78 g/t Au & 1.20 g/t Ag over 2.0 metres

In 2010, Valterra Resources Corporation drilled over 2,250 metres in 11 NQ2/BTW-sized drill holes targeting the Gold Eagle, Alma N, Toughnut, Eureka and Star zones. These polymetallic mineralized zones are aligned within a prospective 3.5 kilometre-long trend transecting the Company's claims. The Phase I drilling highlights for the Toughnut and Eureka zones included intercepts of 4.05 g/t Au and 0.88 g/t Ag over 8.0 metres in hole VTN10-005 at the Toughnut, and 0.28 g/t Au, 4.45 g/t Ag and 0.27% Cu over 66.67 metres in hole VST10-011 at the Eureka (see NR-07-10 and NR-08-10).

At the Cariboo, the main vein system as tested in the 2012 drill program appears to pinch out or is offset at the northwest end. The vein is open to depth, and could be explored for its south extent.

One of the objectives of the 2012 drill program was to attempt to define a bulk sample quantity and quality of material along the Cariboo Vein system. The current geologic model includes an estimated volume of approximately 13,900 cubic metres of material, which at an assumed density of 2.7 (quartz-calcite), would amount to approximately 38,500 tonnes. Drill hole intercepts through the vein system returned grades ranging from approximately 3 to 11 grams per tonne. This is based on the geologic model for the vein which extends along strike for approximately 120 metres and extends down-dip for a distance of 80 metres below surface. **The suggested mineral potential of this vein system has not been verified by a certified resource estimator, and should not be considered standard instrument 43-101 compliant.**

14.0) RECOMMENDATIONS

In order to properly evaluate the precious metal content of the Cariboo Vein, a resource estimate should be undertaken by a professional that has credentials and experience at evaluating small tonnage, narrow vein systems. Evaluating the resource would allow for a more accurate estimation of the vein potential, and would assist in any decision to advance the project to a bulk tonnage sample stage. Specific gravity measurements should be made of all rock types and of varying mineral content in order to establish more accuracy in density of the rocks.

If a bulk sample decision is made, there may be some elements of environmental concern that should have baseline sampling completed to allow for assessment. This would involve stream sampling the drainages above and below the area of proposed work, as well as acid/base accounting of the various rock types. A local survey for topographic control and for accurate location of drill hole and trench sites would also be useful.

The 2012 drill program results found the Cariboo Vein to be relatively restricted. The vein appears to pinch out at the northwest end, but might be open to the south and to depth. Further drilling in these directions may improve the overall tonnage of the vein.

15.0) 2012 WORK PROGRAM COST STATEMENT

Three different properties belonging to Excalibur Resources Ltd. were covered in this report. These include the Princess claim (232990), the Cleopatra claim (386469), and the Cariboo group of claims (232846, 370251, 370252). The following cost statement has been broken into sections to cover each of these properties separately, for assessment filing purposes.

2012										
Cariboo Drill and Sampling Expenditures					Cleopatra		Princess		Cariboo	
Personnel	Month	Days	Rate	Total	Property		Property		Properties	
PBG Geoscience - Consulting Geologist	October & November	16.5	700	11550	0	0	0	0	16.5	11550
Field Technician	October & November	16.5	350	5775	1	350	1	350	14.5	5075
Field Technician	October & November	8	275	2200	0	0	0	0	8	2200
Core shack - labour	October & November	24	200	4800	0	0	0	0	24	4800
Consultant	October 13-18	4	800	3200	0.5	400	0.5	400	3	2400
		2	500	1000					2	1000
Office										
PBG Geoscience - Consulting Geologist	December	4	700	2800	0	0	0	0	4	2800
Consultant Planning	Sept., Oct., Nov, Dec	15.5	800	12400	0	0	0	0	15.5	12400
Geochemical Sampling	No. Of Samples									
ACME Labs	373			13570.8	1	36.38	5	181.91	367	13352.51
Transportation										
Truck Rental 4x$ inc. fuel				2941.1	1.5	101.94	1.5	101.94		2737.23
Other				655.25						655.25
Equipment Rental										
Drilling & excavator				170900						170899.8
- Wade Critchlow Enterprises Ltd.										
Supplies and Materials - Consumables				722.07						722.07
Accommodation & Food										
Accmmodation				1265						1265
Food				479.73						479.73
Timber & Stumpage				376.8						376.8
	Total			$234,636		$888.32		$1034		$232,713.4

16.0) STATEMENT OF QUALIFICATIONS

I, **Perry Grunenberg**, hereby certify that:

a) I am a consulting Geoscientist with PBG GEOSCIENCE having an office at 2016 High Country Boulevard, Kamloops, British Columbia, V2E 1L1.

b) I am a graduate of the University of British Columbia with the degree of Bachelor of Science in Geology (1982).

I am a member of the Association of Professional Engineers and Geoscientists of British Columbia (Registration No. 19246) and a Fellow of the Geological Association of Canada (Membership No. F5203).

I have practiced my profession in North America since 1982, having worked as an employee and consultant for major mining corporations, junior resource companies and BC government ministries.

c) I was contracted to prepare this report on behalf of Excalibur Resources Ltd. I personally managed the exploration program summarized in this report.

d) I have personally prepared or have reviewed all sections of this report including the illustrations.

e) I have managed exploration programs, similar to the one covered in this report, as a consulting geoscientist on behalf of various mining exploration companies, since 1982.

February 15, 2013
Kamloops, B.C.

Perry Grunenberg, P.Geo.
Consulting Geoscientist

17.0) REFERENCES

DANDY, L., 2003; Geological, Geochemical and Drilling Report on the Kena Property: BC Ministry of Mines Assessment Report No. 27240.

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KATAY, F. 2011; Assessment Report, 2011 Trenching Program, Cariboo and Silver King Properties.

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.

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.

APPENDICES

Drill Logs

Core Sample Summary Pages

Geotechnical Logs

Acme Labs Assay Certificates, Rocks and Core

HOLE ID **Excalibur**

2012 EXCALIBUR - Cariboo Drilling Program

	Depth (m)		Lith	Description	Structure			Mineralization						Alteration Scale: 0 - 5						
	From	To			Depth	Type	Angle	%Py	%Aspy	%Cpy	%Sph	% galena	Ser / Kspar	Chl	Epi	Mag	FeOx	CO3	Silic
12Car-01	0.00	0.30	C	casing through broken bedrock, pad is on bedrock															
12Car-01	0.30	10.28	Sk	grey to grey green semi massive to finely laminated with remnant eye shaped 3mm size feldspar to 30%, interpreted as sheared silver king porphyry with allignment of fspar along foliation of shear, pocky oxidized boxworks sections, weak carbonate in places, dark redish rusty fractures over 1m segments, some bands of possible py boxworks to less than a percent, contact to next unit broken possibly gradational?	8.4	lam	75	tr									2.0	1.0	
12Car-01	10.28	54.30	volc tuff	fine grained massive textured and finely laminated to schistose sheared, no primary bedding noted, some sections massive sandstone textured with remnant grains white possible feldspar, warpy eye shaped inclusions of 5mm to 2cm size, possible breccia fragments elongated with shear plane, pervasive carbonate throughout some 1 to 2m sections, minor rusty pocky segments of 5 to 10cm boxworks from oxidized sulphide or crystalline carbonates, typically fracturing in to discs with laminated defoliation	17	lam	70	tr									1.0	2.0	
12Car-01				12 - purplish colored translucent specks and clusters, sphal or garnets?							0.2								
12Car-01				27 - progressively more tuffaceous banded with elongate variable grain size and color, welded tuff with minor stretching of fragments parallel to foliation, brown, green, feldspar spotted variable fragments of 5mm to 1cm width stretched across core axis to 60% of core,	41	lam	70												
12Car-01				42 downward, orange stained limonitic bands in progressively schistose volcanic tuff, limonite to 5 or 10% of core.				tr										3.0	
12Car-01	54.30	54.70	QV	broken and pocky white quartz vein with inclusions of rusty brown volcanic tuff schist, few spots purplish red sphalerite blebs, possible iron carbonate inclusions as well, about 60% quartz and upper contact sharp at 60, lower broken	54.3	vn	60				1.0								
12Car-01	54.70	86.30	volc tuff	banded schistose tuffaceous volcanic, grey with limonite staining from iron carbonate, less iron stained through 69-75m, warpy carbonate and quartz carbonate stringers to 5% over less schitose section, some along core axis but most as bands at 70, warpy banding with some offsets as drag folds along microfractures apparent dextral offset,	72	lam	70												
12Car-01				56.95 - 3cm quartz band with pocky rusty oxidized carbonate	56.95	vn	80												
12Car-01				58.1 - 2 1cm rusty bands quartz carbonate	58.1	vn	75												
12Car-01				58.3-60 strong siderite rusty staining throughout															
12Car-01				63.45 - 3cm quartz carbonate band, 30% quartz with 70% rusty or pocky oxidized carbonate	63.45	vn	80												
12Car-01				64-74 strongly foliated or sheared with 1 to 2mm size banding, completely destroyed original textures	67	lam	85												
12Car-01				71.6 - kink banding with offset in laminations along microfracture/minifault, dextral offset															
12Car-01				74.1 - kink folding tight over 5cm length of core, fine laminations folded															
12Car-01				75.4-75.5 decomposed clayey core, moderate decomposition to clay															
12Car-01				76-79.3 moderate to strong iron staining from iron carbonate														2.0	
12Car-01				83.31 - 3cm band quartz carbonate in moderate to strongly iron stained volcanic schist	83.31	vn	85												
12Car-01	86.30	93.78	sk	white spotted in fine grey matrix, continued strongly foliated to weakly sheared, subtle change from volcanic in lesser clasts and more massive textured, inclusions of siderite rusty staining, fuzzy contacts, possible sk dyke within sheared volcanic, possible feldspar porph volcanic, very minor veining, 1 segment 1cm clayey decomposed at 90.8,															
12Car-01				92.14 - 2cm quartz band, white milky quartz	92.14	vn	50												
12Car-01	93.78	116.90	volc tuff	finely laminated grey to iron stained orange over some 5 to 10cm segments, 101 to 109 somewhat more massive grey colored with little to no siderite, still finely laminated toward bottom of hole, grey sandstone textured in places, increasing breccia fragments in tuffaceous schistose volcanic toward quartz vein moderate to strong limonite from 102 to 116.9, little to no prominent veining	101	lam	80												
12Car-01	116.90	118.42	QV	white quartz vein with inclusions of pocky rusty volcanic, siderite stained and goethite black oxide, white and grey quartz to 70%, possible purplish sphalerite globs to low percentage, minor py blebs, very rusty and oxidized at lower contact, guessing high angle vn, volcanic inclusion from 117.3-117.6	116.9	vn	80	1.00			1.0								
12Car-01	118.42	121.31	volc tuff	more mottled texttured with interstitial limonitic siderite network between elongated fragments in more massive grey volcanic tuff, more dioritic looking volcanic															
12Car-01		398ft																	
		338.00																	

HOLE ID **Excalibur**

2012 EXCALIBUR - Cariboo Drilling Program

	Depth (m)		Lith	Description	Structure			Mineralization						Alteration Scale: 0 - 5						
	From	To			Depth	Type	Angle	%Py	%Aspy	%Cpy	%Sph	% galena	Ser / Kspar	Chl	Epi	Mag	FeOx	CO3	Silic
12Car-02	0.00	0.05	casing	hole cased down to 4.57, but core retreived up to near surface, cased into bedrock															
12Car-02	0.05	4.90	sk	small section of white spotted core remnant sheared silver king feldspar porphyry, broken and somewhat transitional to next unit															
12Car-02	4.90	31.00	volc tuff	finel laminated grey with some white spotting (fspar and fragments), moderate to strong iron oxide staining from siderite, carbonate fizz throughout, few siderite pockets along foliation, iron stained fractures, iron staining more prominent from surface to 12m, then again from 27 to 30m, pocky oxidized weathered core where more stained, some darker grey oxidation as well, very minor fine py disseminate, few clayey lenses along foliation of 5mm width	26	lam	65	tr										2.0	
12Car-02	31.00	35.45	crystal tf	darker grey more mottled than foliated, white spotted elongated stretched fspar along foliation, more massive textured, possilbly just less sheared version of volcanic, white spots carbonate, minor specks disseminated py, few vuggy sections with infill crystalline carbonate				tr											
12Car-02	35.45	36.15	volc tuff	finely laminated grey with minor orange and reddish oxide staining, pocky oxidized section near 35.7, likely oxidized siderite vugs with possible coarse py vugs	35.5	lam	60											1.0	
12Car-02	36.15	37.15	QV	very rusty stained broken and oxidized zone with remnant quartz portions, possibly 50% quartz, strongly limonitic carbonate in sections near 36.4, rounded bands of grey and white quartz near 36.5l, likely a highly oxidized quartz carbonate vein	36.4	qv	70											2.0	
12Car-02	37.15	46.15	crystal tf	similar mottled to massive textured white spotted elongate crystals or clasts, white carbonate fragments, rounded and warpy in dark grey massive fine matrix with minor barely visible mafic, at 46.15 is a purplish mass of hard silica (Jasper) with small fine specks of chalcopyrite, at apparent volcanic contact				tr		tr								1.0	
12Car-02	46.15	55.00	volc tuff	finely laminated grey with minor orange and reddish oxide staining, very minor quartz carbonate bands of 1cm size (49 and 52.5), somewhat gradational contact from finely laminated light grey-green to more massive darker grey	48	lam	75											2.0	
12Car-02				54.1-54.3 malachite staining in oxidized section of schistose volc tuff, 5% chalcopyrite, 10% py				10		5									
12Car-02	55.00	70.00	bas tuff	more massive dark grey with rounded white spots carbonate, penetrative foliation and elongation of spots, possible more mafic basaltic vesicular volcanic, gradatonal upper contact over 1 to 2m width, networked and banded epidote green color in carbonate matrix, pervasive carbonate epidote alteration											3.0			3.0	
12Car-02				stringers qtz carbonate to 3% throughout, horsetail and variable tension gash infills, at 65.8 small tension gash with purplish jasper colored mineral, possible sphalerite							tr								
12Car-02				contact gradational to next unit, likely volcanic succession															
12Car-02	70.00	89.00	volc tuff	finely laminated grey to oxidized orange limonitic siderite color, pervasive carbonate, minor qtz veining and specks of py	75	lam	80	tr										2.0	
12Car-02				at 74 - 4cm quartz nad with inclusions schist, orange siderite along center to 3%	74	vn	80												
12Car-02				strong foliation through section, bands of carbonate to 5mm width, several clayey bands, 1 to 2% fine disseminated py in places, closer to 0.5% overall	75.3	lam	80	0.50									2.0	3.0	
12Car-02				83.3 - kinked banding/fold with small offset, drag folded foliaton, vein offsets noted as well	88	lam	75												
12Car-02				gradational contact to basalt through volcanic succession															
12Car-02	89.00	99.40	bas tuff	massive dark grey to grey green altered mottlled in places, interstitial carbonate-siderite-epidote transitioning to more siliceous core from 93-96 possible potassic altered, trace fine disseminated py											1.0		1.0	1.0	4
12Car-02				sharp contact to next	99.4	cntc	80												
12Car-02	99.40	102.72	volc tuff	grey to orange stained siderite finely foliated laminated schistose sheared volcanic	100	lam	75												
12Car-02		eoh 337 ft																	
12Car-03	0.00	0.10	C	No casing block in core, cored right from surface															
12Car-03	0.10	4.14	bas tuff	massive mottled dark green to black spotted with interstitial carbonate-epidote, weak limonitic near top with minor inclusions of laminated schisty volcanic				tr							1.0			1.0	
12Car-03	4.14	5.00	volc tuff	Schisty volcanic sheared to foliated fine laminations, patchey orange limonitic siderite stained, fine py with possible very minor speck of malachite, more broken blocky and highly rust stained toward vein, broken contact	4.5	lam	60	tr		tr							2.0	2.0	

HOLE ID **Excalibur**

2012 EXCALIBUR - Cariboo Drilling Program

	Depth (m) From	Depth (m) To	Lith	Description	Structure Depth	Structure Type	Structure Angle	Mineralization %Py	%Aspy	%Cpy	%Sph	% galena	Ser / Kspar	Alteration Scale: 0 - 5 Chl	Epi	Mag	FeOx	CO3	Silic
12Car-03	5.00	6.10	QV	variable white quartz and grey translucent quartz with inclusions of fine banded schist to 10%, warpy vein apparent with some sections along core and other bands at 60 to core, coarse spots of galena, masses of purplish pink sphalerite, very vuggy with black goethite staining, possibly from carbonate oxidation, replacement appearance in limey portion of volcanic, broken contacts, possibly 70				2.00		tr	5.0	1.0							
12Car-03	6.10	21.20	volc tuff	moderately schistose light grey to orange stained sideritic, very pocky oxidized surface in places within top 4 metres of section, minor py disseminate, finely granular appearance under hand lense original volcanic tuff remnant in place, some more fine grained sandy textured massive in places, sharp to next unit	12	lam	60	tr									2.0	1.0	
12Car-03	21.20	22.00	bas tuff	dark grey mottled textured more massive than banded laminated schistose unit, appears to be sharp contacts, volcanic succession, interstitial cabonate	21.2	cntc	60											2.0	
12Car-03	22.00	99.97	volc tuff	moderate to highly schistose laminated foliated grey with limonitic staining sideritic, minor more massive segments of 10-20cm, few quartz carbonate bands 1 to 2cm size, crossing foliation at 40, minor malachite staining with specks of chalcopyrite	60	lam	65												
12Car-03				25.6-25.7 malachite stained laminated schist															
12Car-03				strong limonite staining 33-36															
12Car-03				minor quartz carbonate foliated bands to 5% of core 41-45, one vuggy quartz band															
12Car-03				mostly fine banded very schisty core, minor folding with slight offsets, kink banded foliation															
12Car-03				61-71 generally more light grey siliceous appearance, less carbonate or siderite orange staining, finely banded with wispy white quartz banding and offset tensional veinlets along foliation									1.0						3
12Car-03				73-77 more orangey colored with siderite, and possible bands of sphalerite in siderite veinlets, 3 colors of reddish orange blebby to 5mm width warpy discontinuous							1.0							3.0	
12Car-03				79-83 crackly horsetail quartz and carbonate fracture infills at 45 and 60 irregular to 3% of core	82	vn	45												
12Car-03				84-99.97 very finely laminated light grey with remnant tuffaceous texture, this could be a sedimen or a water lain volcanic tuff, textures are generally perceived as massive with imposed laminations through shearing and foliation			60												
12Car-03		eoh 328 feet																	
12Car-04	0.00	2.30	C	casing through broken bedrock and small amount of overburden															
12Car-04	2.30	5.10	volc tuff	oxidized partly crystalline basaltic looking with black rounded 1mm specks in white carbonate matrix, magnetic (all holes have abundant magnetite), broken rusty in places, weathered near surface bedrock, sharp broken contact to vein	5.1	vn	70	tr									2.0	1.0	2.0	
12Car-04	5.10	6.60	QV	stongly siliiceous grey and white quartz with minor remnants apparent host rock to 20%, black masses goethite, vuggy, minor py cubes to 1 or 2mm size, other possible unidentified metallics up to 3 or 4% as oxidized dark masses to 5mm size	6.6	vn	50	1.00			1.0	1.0							
12Car-04	6.60	9.70	bas tuff	dark grey massive with spots of mafic mineral or grains with interstitial matrix carbonate, weak epidote, possibly weak silicification, 2 quartz veins of 10 to 15cm size													2.0		
12Car-04				6.9-7 grey mottled with white quartz vein, siderite orange grains to 1cm rounded, sharp contacts uneven warpy	6.9	vn	50	1.00									2.0	2.0	1.0	1
12Car-04				7.4-7.6 quartz vein, grey and white banded along foliation, vuggy openings of 1mm wide by 1cm long (couple)	7.4	vn	50										2.0			
12Car-04				strongly oxidized to strongly vuggy from 7.6-7.75													2.0		
12Car-04				gradational contact with increased fine grained texture and stronger foliation, to schist													2.0		
12Car-04	9.70	29.87	volc tuff	schistose to finely massive with elongated foliated crystal or fragments of 1mm to 1cm size, white spotted quartz with lesser carbonate (from feldspar), rusty llimonitic sideritic sections with some weathered pocky core, moderate to strong foliation-schistose texture Volc Tuff = Schistose	22	lam	50										2.0		
12Car-04				24.6-24.9 malachite stained segment stained along foliation, schistose banded						2.0									
12Car-04				grades to more massive fine grained sandstone texture over bottom 50cm, gradational to a more xtal tuff appearance													2.0		
12Car-04		eoh 98 ft																	
12Car-05	0.00	1.52	C	Casing through broken bedrock and a boulder (in box)															

HOLE ID **Excalibur**

2012 EXCALIBUR - Cariboo Drilling Program

	Depth (m) From	Depth (m) To	Lith	Description	Structure Depth	Structure Type	Structure Angle	Mineralization %Py	%Aspy	%Cpy	%Sph	% galena	Ser Kspar	Alteration Scale: 0 - 5 Chl	Epi	Mag	FeOx	CO3	Silic
12Car-05	1.52	8.00	bas tuff	dark grey massive to weakly banded with black specks in white fine grained matrix of quartz carbonate, magnetic (fine magnetite), minor sections with stronger round spots of white (after fspar?or xenocryts), very rust and oxidized pocky from 7.8 to 8												2.0			
12Car-05	8.00	8.80	QV	white slightly sugary textured compact with minor inclusions host rock, orange and reddish masses and black masses oxidized other metals or carbonates, minor pocky oxidized, sharp but uneven contact,	8.8	vn	40												
12Car-05	8.80	14.94	volc tuff	weak banded dark grey to finely banded foliatted, patchy oxidized sections with pocky surface to core, brown to orangey brown partly decomposed segments,															
12Car-05				11.5 5cm quartz vein, massive white	11.5	vn	60												
12Car-05				from 11.7 to end of hole core is more schistose, rusty on lower section contact to little vein, grading to less orange stained to end of hole, pocky oxidized core weather on outer surface over bottom 30cm															
12Car-05																			
		eoh 49																	
12Car-06	0.00	1.48	C	no core, cased through overburden and some core															
12Car-06	1.48	7.10	bas tuff	mottled to spotted texture massive dark grey to brownish with white fine specks within black fine grained matrix, some siderite, progressively silicified towards veining over bottom 40cm, magnetic throughout with some areas stronger than others				tr							1.0	2.0	1.0	2.0	1
12Car-06				irregular contact to vein along rusty oxidized segment over 1cm, approx 45	6.7	vn	50												
12Car-06	7.10	8.53	QV	quartz vein, very irregular mottled textured replacement appearance, same as this vein in other holes it is mottled grey, green, brown and white colors with white quartz and grey translucent quartz, inclusions of host rock to 10%, as rounded masses, pods and masses of reddish and grey possible oxidized sulphides (sphal and py?) to 5%, roughly banded quartz				2.00			2.0	1.0					1.0	1.0	
12Car-06	8.53	17.68	Volc tuff	banded finely laminated grey to orange grey limonitic sideritic, minor spotted sections and irregular pods stretched along foliation, magnetic, moderately schisty				tr								1.0			
12Car-06				strong silification from 8.53 to 9.00															4
		eoh 58ft																	
12Car-07	0.00	1.48	C	casing through to 1.52, core obtained 1.48 to 1.52															
12Car-07	1.48	6.60	bas tuff	fine white spotted phenocrysts (altered Augite) in black matrix, crystal tuff or massive flow, weakly foliated alligned crytals, some larger rounded masses (fspar?) to 1cm size, single fspar large grain replaced by carbonate-silica, minor rusty patches oxidized weathered, slight pocky, irregular magnetic patches												2.0			
12Car-07	6.60	7.35	volc tuff	light to medium grey glassy silicified and weakly foliated schisty, laminated with minor rusty sections and foliated quartz carbonate to low 3%, not magnetic	7	lam	45												3
12Car-07	7.35	8.90	QV	patchy with rounded masses of host rock inclusions, grey green colors with glassy to white quartz flooding, slightly banded in more glassy sections to white massive sugary textured quartz, up to 30% inclusions of grey silicified rock, some cream colored siderite or other carbonate masses, little to no sulphides recognized, banded at end of vein at 60	8.9	vn	60												
12Car-07	8.90	17.98	volc tuff	schistose grey to slightly spotted grey and white, spatters of elongated foliated grains of possible tuff origin, white, slightly carbonate, minor oxidized pocky segments to 5cm, orange siderite stained from 11 to 13												1.0	1.0	2.0	3
12Car-07				8.9-9.6 strongly silicified at margin to vein, patchy and banded quartz flooded															
		eoh 60 ft																	
12Car-08	0.00	3.45	C	no casing marker, but no core till 3.45															
12Car-08	3.45	6.20	bas tuff	dark grey to black with brown oxidation, black fine matrix with fine white spotting (remnant crystals), highly oxidized with minor quartz banding of 4cm towards vein												2.0	2.0	1.0	
12Car-08	6.20	8.53	QV	about 50% rock inclusions in white slightly sugary textured quartz veining with lesser glassy quartz and grey quartz, mottled textured with some pocky oxidized washed surfaces, decomposed carbonate vuggy near 6.9, patchy blotches reddish masses oxidized carbonate or possible sphalerite	8	bands	65				tr						1.0	2.0	3

HOLE ID **Excalibur**

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	Depth (m)		Lith	Description	Structure			Mineralization						Alteration Scale: 0 - 5						
	From	To			Depth	Type	Angle	%Py	%Aspy	%Cpy	%Sph	% galena	Ser / Kspar	Chl	Epi	Mag	FeOx	CO3	Silic
12Car-08	8.53	11.00	bas tuff	mostly rusty red colored oxidized surface from siderite, patches of remnant white spotted in dark grey to black fine massive texture, minor foliation of white grains															
12Car-08	11.00	14.63	volc tuff	finely laminated to schistose grey to tan colored with orange staining from siderite oxidation, banded white elongate fragments or grains to 1cm stretched along foliaton, magnetic, minor oxidized pocky surfaces												1.0	1.0	1.0	
		eoh 48 feet																		
12Car-09	0.00	2.80	C	casing through broken bedrock and overbuden																
12Car-09	2.80	6.73	bas tuff	variable from laminated to very pocky oxidized massive, strong iron oxide over 60% of core, rounded white elongate fragments weakly carbonate, magnetic, mottled texture with sections of basalitic tuff, silicified from 5.7-6.3, harder more competent and slightly glassy, very oxidized pocky and red rusty towards vein	4	lam	70						1.0			2.0	2.0	1.0	1
12Car-09	6.73	7.52	QV	very mottled rounded masses and streaks of white, grey and cream colors, quartz flooding to 50% of section with remnant tuff inclusions, spatterings of brown oxidized carbonate or possibly sphalerite, contacts along foliation	7.52	vn	70				1.0						1.0	1.0	5
12Car-09	7.52	14.63	bas tuff	massive textured very rusty and oxidized for 50%, dark grey to black fine rounded grains in white to light grey matrix with 80% fragments as rounded grains, magnetic, 7.61-8 is very silicified pervasive grey altered with minor glassy quartz banding													2.0	1.0	3
		eoh 48 feet																		
12Car-10	0.00	1.52	C	casing, some core above casing block about 15cm, schisty																
12Car-10	1.52	8.20	volc tuff	finely laminated to schistose grey to tan colored with orange staining from siderite oxidation, magnetic, fine grained sandy foliated tuff, broken oxidized contact, sharp	5.9	lam	55									2.0	1.0	1.0	
12Car-10	8.20	21.10	bas tuff	black rounded wispy textured tightly packed fragments in whte very fine matrix, elongated fragments or crystal grains up to 1cm long to 5%, magnetic, slightly oxidized reddish in places, gradational contact to next over 10cm length												2.0	1.0	1.0	
12Car-10	21.10	23.28	volc tuff	finely laminated with elongate white fragments of 5mm size to 5%, compact dense not frisbee's as in prior section of volc tuff, light to med grey with orange siderite staining, very pocky oxidized over 50cm towards vein												1.0	2.0	1.0	
12Car-10	23.28	23.50	QV	small quartz vein, appears to be main vein in this hole, grey to glassy white with some surgary white segments, mottled with orange and brown patchy masses to 10%, oxidized carbonate and possible metallic? Broken contacts, warpy	23.5	vn	60												
12Car-10	23.50	47.85	volc tuff	finely laminated nearly schistose at upper part of section grading to more massive andesitic tuffacous texture over final 8m, variable white carbonate content in matrix and as white masses with quartz, elongate white rounded stretched grains of 1cm length throughout, pocky oxidized sections with very oxidized decomposed core from 23.7-24.6, magnetic, fine skeletal feldspar grains to 2% in andesitic section, possible biotitic groundmass, very fine interlocking fragmental grains dark grey colored, possible weak epidote, few fractures coated in reddish hematite	37	lam	70								1.0	2.0	1.0	1.0	
		eoh 157ft																		
12Car-11	0.00	1.52	C	casing, some core above casing block about 15cm, schisty																
12Car-11	1.52	9.30	volc tuff	finely banded grey with very minor rusty sections, fractured to discs - schisty fabric, very fine grained tuffaceous protolith, ash tuff to tuff? Magnetic	7	lam	45	tr					1.0			3.0	1.0	1.0	
12Car-11	9.30	23.75	bas tuff	dark grey and greyish green mottled rounded compact textured with 2mm subangular black jigsawish with lesser matrix of white quartz carbonate, magnetic, rusty pocky sections especially 19-19.5, grades in and out and fine laminated schisty grey sericitic tuff (volc tf) over bottom 50cm of section, couple of small warpy 1cm veins at 11.25												2.0	1.0	1.0	
12Car-11	23.75	24.76	volc tuff	finely banded with elongate white remnant crystal or fragment in tuffaceous fine heterolithic sandy schisty tuff, very rusty and decomposed yellow orange colored from 24 to 25.8, strong sericite py and silica over bottom 20cm at vein contact, silica flooding towards vein with sericite and pyrite increased to 3%	23.9	lam	60	2.00					2.0			2.0		1.0	2
12Car-11	24.76	26.10	QV	weakly banded with remnant wall rock inclusions, white and grey quartz with some sugary textured, tan colored masses from carbonate (siderite), as well as pockets of oxidized pocky core, somewhat replacement textured as well as banded vein, less silica content from 25.7-26.1 with rock inclusion, at 24.75 silvery metallic **galena** specks in quartz vein to about 3% over 3cm segment				2.00			1.0		1.0				1.0	2.0	3
12Car-11	26.10	32.92	volc tuff	felsic tuffaceous fine grained sandy with eye shaped stretched augen grains of white remanat crystal or grains now as quartz or feldspar, dark grey and black very fine fragmental, foliated more strongly over top of secton with py seric silica weak pervasive alteration and mineralization	27.60	lam	50	1.00					1.0			2.0		1.0	1
		eoh 108ft																		

HOLE ID **Excalibur**

2012 EXCALIBUR - Cariboo Drilling Program

	Depth (m)		Lith	Description	Structure			Mineralization						Alteration Scale: 0 - 5						
	From	To			Depth	Type	Angle	%Py	%Aspy	%Cpy	%Sph	% galena	Ser / Kspar	Chl	Epi	Mag	FeOx	CO3	Silic
12Car-12	0.00	2.30	C	casing through broken bedrock and overbuden															
12Car-12	2.30	8.37	volc tuff	finely laminated to schistose grey to oxidized orange and brown, sulphery staining in some lamellae or bands, fine py, sericitic lookingto sandy gritty texture, minor late wispy quartz carbonate stringers of 1 to 2mm size	7	lam	60	1.00					1.0			2.0	2.0	1.0	1
12Car-12				8-8.2 quartz vein or pod, pocky surface oxidized carbonate to 5%, grey and white quartz poddy															
12Car-12	8.37	24.50	bas tuff	black 1 to 2mm rounded grains with brown sideritic matrix to white interstitial grey networked matrix around close packed subangular dark grains, massive texture to weakly laminated with elongation of eye shaped 3 to 5mm grains in places (after Fspar?), sections of brown earthy pocky weathered core to 30cm lengths, transitional change with bandes of fine laminated schisty tuff												2.0	2.0	1.0	
12Car-12	24.50	25.60	volc tuff	fine banded grey laminated tuffaceous massive gritty in places to more altered appearing siliceous (weak), very orange to brown pocky oxidized over bottom 40cm towards vein				1.00								1.0	3.0		1
12Car-12	25.60	27.10	QV	banded uneven textured to mottled, very rusty and broken over top 50cm with remnant white quartz pieces, grey and white quartz, minor sugary textured, masses of orange pockets after siderite, 30% rock inclusions in weakly banded segment over bottom 10cm, masses of black and brown fine goethite appearing oxidized, to 10% of vn	27.1	vn	60												
12Car-12	27.10	29.87	volc tuff	less finely laminated foliated than above tuff, elongate white rounded grains of 1cm size to 10%, magnetic as is most of the rocks in this area, pocky cavity with ingrowing carbonate crystals at 27.45, sericitic appearance, py				tr					2.0			2.0		1.0	1
		eoh 98																	
12Car-13	0.00	1.50	C	casing to 1.52, some core in box above casing, broken schisty volcanic															
12Car-13	1.50	8.78	volc tuff	well foliated to schistose light grey to med grey wit patchy siderite orange color staining, magnetic, fine grained fine sandy textured, minor near massive silicified-sericitic from 7 to 8.5, sharp contact to vein irregular				tr					2.0			2.0	1.0		1
12Car-13	8.78	8.97	QV	mottled quartz with carbonate white and cream to brownish blotches, quartz siderite vein/pod, silvery metallic possible platey stacked grains - stibnite? Along one edge of vein.	8.78	vn	70												
12Car-13	8.97	26.85	bas tuff	dark grey to black with variable white and black speck of subrounded to angular shape, remnant mineral augite and feldspar, mostly massive med grained 2mm size equigranular, xtal tuff or dyke, magnetic, 19.6-20.5 stronger reddish brown staining and pocky surface oxidized core, increased foliation of fragments and grains alligned and stretched to 1cm elongate, 25.75-26.85 strongly oxidized and pocky core, rusty brown colored oxidized adjacent to vn											1.0	2.0	2.0		
12Car-13	26.85	28.10	QV	white quartz with mottled brown and orange oxidized sulphide and or iron carbonate, minor vug from oxidation, host rock inclusion from 27.7 to 28 contains horsetail fine fracture infill veining	26.85		75												
12Car-13	28.10	32.92	volc tuff	light to medium grey to grey green foliated banded slightly schistose tuffaceous with eye shaped elonated boudined fragments and or mineral grains to 1cm, more rounded fragmental toward end of hole, pocky oxidized segment from vein at 28.10 to 28.3, grading to dark grey augen schisty texture by end of hole	29.8	lam	60							1.0		2.0	1.0	1.0	
		eoh 108 ft																	
12Car-14	0.00	1.20	C	casing through bedrock, cased to 1.52 but core from 1.2															
12Car-14	1.20	8.95	volc tuff	finely banded to slight massive light to medium grey with laminations of stretched grains and fragments to very thin 2mm wide bands, schitose to frisbee's over top of section grading to more massive to end of seciton, magnetic, broken oxidized near 8.5, slight sericitic looking where more massive, very minor wispy quartz warpy veinlets of 1 to 3mm size, grades weakly from more schistose volc tuff to slightly darker and less banded basalitic volcanic, gradational									1.0			2.0	1.0	1.0	
12Car-14				8.7-8.75 2 to 2 cm quartz carbonate veinlets, oxidized pocky	8.7	vn	45												
12Car-14	8.95	26.00	bas tuff	grading in and out of more massive textured dark grey to black massive with remnant white grains and interstitial matrix, fragments of 1cm up to few at 5cm size rounded to subangular, weak to moderately foliated, and elongated fragments, siderite orange rustiness colored over 1 to 2m sections near 12 and from 19 to 26	23.5	lam	50									2.0	2.0	1.0	
12Car-14	26.00	30.10	volc tuff	finely banded tuffaceous fragmental with inclusions of slightly more massive crystal basalitc tuff, rounded fragments of 1 o 3cm elongated along foliation, some boudined rounded remnants "poikolitic" texture near 27m, very rusty oxidized pockey and earthy core from 29.7-30.1												1.0	3.0		
12Car-14	30.10	32.38	QV	rusty and pocky with sections of schisty rock inclusion from 30.2-30.3, mottled colors of black and orange brown sideritic carbonate staining, pocky vuggy oxidized near top of secton, up to 25% of vein is tuff inclusion, uneven sharp contacts	30.1	vn	45												

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	Depth (m) From	Depth (m) To	Lith	Description	Structure Depth	Structure Type	Structure Angle	Mineralization %Py	%Aspy	%Cpy	%Sph	% galena	Ser / Kspar	Alteration Scale: 0 - 5 Chl	Epi	Mag	FeOx	CO3	Silic
12Car-14	32.38	35.97	volc tuff	med to dark grey, finely foliated to slightly more massive to end of hole, several remnant angular white crystal grains of 3mm size, 10% visible tuffaceous fragments and or mineral grains, slight sericitic appearance from 33 to 33.3, magnetic	33.5	lam	60						1.0			2.0			
		eoh 118																	
12Car-15	0.00	1.50	C	casing, some core above casing block about 15cm, schisty															
12Car-15	1.50	9.10	volc tuff	light grey to tan stained very foliated to schist over top of section, grades to more massive with carbonate pervasive and possible sericite-silica, rusty and pocky towards next section, gradational over 30cm section with segments intermixed	6	lam	45						1.0			2.0	1.0	2.0	1
12Car-15	9.10	31.39	bas tuff	massive dark grey with white elonated fragments, elongated white fragment remnants, magnetic, progressivey penetrative foliation from 23.7 to 26, and possible at end of section												2.0		1.0	
12Car-15				at 20.73 - vuggy cavity, oxidized															
12Car-15				at 21.3 - very oxidized vuggy pocky vein or pod, 2cm wide															
12Car-15				at 27.65 single 3cm quartz veinlet at 30, iron carbonate specks	27.65	vn	30												
12Car-15				hole ends in increasingly oxidized earthy core, possibly just in front of quartz - hole may been stopped early															
		eoh 103ft																	
12Car-16	0.00	1.55	C	casing through overburden with bits of bedrock cored from 1.52 to 1.55, broken bedrock															
12Car-16	1.55	4.25	bas tuff	mostly dark grey massive with some sections laminated to finely banded, few elongate whte masses, minor sections fine laminated light grey sericitic looking at top of section												2.0	2.0	1.0	
12Car-16	4.25	4.67	QV	mottled brown sideritic and grey and white quartz with host rock inclusions, vuggy pocky oxidized carbonate, warpy roughly banded, irregular contact but mostly sharp	4.25	vn	40											2.0	
12Car-16	4.67	21.56	bas tuff	dark grey to black with white specks and spatters of elongated fragments and crystals, remnant square shaped plagioclaise in places, massive to strongly foliated, elongate augened white grains to 3cm length, magnetic, moderately pocky oxidized and rusty from 9 to 10.1, oxidized siderite, more finely banded laminated from 14 to 20												2.0	1.0	2.0	
12Car-16				at 13.2 - single mass of banded quartz 3 bands of 2cm each, carbonate quartz	13.2	vn	35												
12Car-16				carbonate band at 21.3 pink cream colored, 2cm, very oxidized core from 21.4 to 22.45 leading to vein															
12Car-16	21.56	23.39	QV	pocky oxidized with remnant white quartz segments, siderite quartz mixed mottled veining with portions of host rock included to 30% , fine crystalline silver metallic at 21.58 close to fracture in quartz vein (spec hematite or other? Arseno, ga, Bi, Stib)					1.0			1.0					2.0	2.0	
12Car-16	23.39	35.97	volc tuff	finely laminated with elongate rounded grains and larger masses crystals and fragments, weakly weathered pockey outer surface from 23.8 to 24, slight warpy foliation, minor white quartz carbonate late fracture infills, minor siderite in warpy vein-pod at 38.95	39.2	lam	50									2.0		1.0	
		eoh 118																	
12Car-17	0.00	1.50	C	casing to 1.52, some core in box above casing, broken schisty volcanic															
12Car-17	1.50	7.40	bas tuff	dark grey to black with white spotting from fspar and fragment as rounded spots of 2 to 3mm size, carbonate in matrix pervasive, magnetic, only slighly oxidized at top of hole												1.0	1.0	1.0	
12Car-17	7.40	7.60	QV	bands of quartz veining, about 6 sharp bands of q carb white and orangeish to 50% of core	7.5	vn	45												
12Car-17	7.60	15.10	bas tuff	mostly massive textured dark grey to black with white networked matrix, mostly fine close packed black and white mineral and fine fragment grains, partly oxidized in place, weak carbonate pervasive, few fragments of 1 to 2cm rounded with minor elongation, becomes more foliated and very finely banded toward next section, mostly a textural change rather than a rock type change, siderite orange colored from 9.5-11.7												1.0	2.0	1.0	
12Car-17	15.10	23.77	volc tuff	similar to above except for fine laminations schisty, darker than other more felsic looking volc tuff, basaltic tuff that has been sheared more than usual, rounded elongated white remnant fragments up to 4cm size few, some laminations orange stained sideritic, possible weak hematite as red staining along some foliations, more broken and stronger siderite over bottom 1.5 m of section towards vein	16	lam	60									1.0	1.0	1.0	
12Car-17	23.77	25.10	QV	white quartz mixed in with strong orange carbonate and patches of host schisty rock, pocky surface from oxidized carbonate, dark brown and orange masses to mottled textured, about 50% rock inclusion in section, very oxidized 24 to 25,													2.0	2.0	

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	Depth (m) From	Depth (m) To	Lith	Description	Structure Depth	Structure Type	Structure Angle	Mineralization %Py	%Aspy	%Cpy	%Sph	% galena	Ser / Kspar	Alteration Scale: 0 - 5 Chl	Epi	Mag	FeOx	CO3	Silic
12Car-17	25.10	29.87	volc tuff	same as 23.77 section, dark grey to black finely banded warpy foliated remnant tuff textures as elongated grains and larger fragments along foliation, moderate carbonate along foliations as white grey 2mm wide bands, magnetic	29	lam	60											2.0	
		eoh 98 ft																	
12Car-18	0.00	1.49	C	overburden and broken bedrock, cored in casing from 1.49 to 1.52															
12Car-18	1.49	20.79	bas tuff	dark grey to black with white interstitial network and white elongated fragments and crystal grains of up to 1cm size to 2%, magnetic (all core in hole is magnetic but for vein), foliated banded segments of 50cm length from 14 to 18.5, few bands of quartz carb along foliation 2mm size, minor rusty oxidation	14.5	lam	70									2.0	1.0	1.0	
12Car-18	20.79	22.00	QV	rusty oxidized to white banded with grey and orange sideritic sections, plotches of brown carbonate as rounded masses to 1cm each totalling 30% of vein, mottled colors with 10% host rock inclusions	22	vn	75												
12Car-18	22.00	32.61	volc tuff	much the same as the basalitc tuff except for stron foliation, dark grey to black with white spotting, white spots are mostly elongated eye shaped augens from felsspar grains up to 1cm elongate to 20%, could be a fspar porphyry or crystal tuff originally													2.0		
12Car-18				28.85-28.95 3 qc veinlets banded within 5cm section, no rust or sulphides	28.85	vn	60												
12Car-18				29.5-29.7 quartz vein up to 10cm wide, few shiney silver speck galena								tr							
		eoh 107																	
12Car-19	0.00	1.52	C	casing, small amount of rubbly bedrock above casing block															
12Car-19	1.52	23.86	bas tuff	dark grey with mottled white and white spots from fragments and crystals, foliated in places and altered to sericitic colors in short segments up to 10cm as grey massive texture, magnetic throughout, rusty oxidized from 1.52-2.5, increasingly banded foliated with depth, gradually going to volc tuff with remnant crystal augens, inter-banded volc tuff and bas tuff from 9 to 20, 10 to 20 cm sections strongly laminated with some sections of lighter colored possibly felsic tuff bedded with more mafic tuff, minor irregular shaped remnant quartz carbonate warpy vienlets	15.5	lam	60									2.0	1.0		
12Car-19				23.77-23.86 strongly oxidized rusty sideritic with remnant light grey banded tuff, contact to vein obscure															
12Car-19	23.86	24.92	QV	sections of remnant quartz veining in highly oxidized core, possibly 60% of section is decomposed oxidized host rock, very blotchy rounded brown sections oxidized carbonate, more carbonate and oxidized rock than quartz (10% qtz)															
12Car-19	24.92	32.92	volc tuff	dark grey to black possibly mafic volcanic that has been highly foliated to near schistose texture, boudins of remnant fspar grains to 5mm size, strong foliation with white qtz carb bands up to 3mm size crossing core	32	lam	60									2.0		1.0	
		eoh 108ft																	
12Car-20	0.00	1.52	C	no core, 5cm rubble at top															
12Car-20	1.52	11.30	bas tuff	dark grey with mottled white and white spots from fragments and crystals, foliated in places , rusty oxidized from 5.7-8m, minor wispy quartz carb late stringers of 1 to 2mm size, gradational to next unit with increasing foliaton, likely a strucural change more than rock type change													1.0	1.0	
12Car-20	11.30	21.77	volc tuff	finley foliated laminated in places schisty dark grey to med grey and white banded with few eye shaped boudins from fspar stretching, slightly rusty at top of section and from 19.9-21.7,	15	lam	60									2.0	1.0	1.0	
12Car-20	21.77	23.09	QV	variable quartz vein mixed with host rock up to 50%, very strong oxidized pocky and rusty from 20-20.3 and from 23-23.09, mottled to weakly banded white and grey quartz and orange to brownish carbonate, about 10% of segment is quartz, contacts oxidized appear sharp	21.77	vn	70												
12Car-20	23.09	29.00	volc tuff	light to med grfey with abundant orange siderite staining, magnetic, white wispy bands carbonate to 3% with lesser elongated mineral grains, somewhat broken earthy texture weathered in places, quite abrupt but fuzzy contact to bas tf	29	cntc	70												
		eoh 98ft																	
12Car-21	0.00	1.52	C	overburden, no core															
12Car-21	1.52	14.80	bas tuff	usual black with mottled white interlaced matrix, white crystal and fragments, dark grey fine rounded crytalline fragmental, mostly massive with short sections slightly laminated foliated, magnetic, short sections of rusty brown oxidized pocky core, one open vug with ingrowths of quartz, calcite and rhodochrosite at 5.9, about 2cm by 4cm size, deep open cavity, somewhat gradational contact with increased portion of laminated fabric												2.0	1.0	1.0	

HOLE ID **Excalibur**

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	Depth (m)		Lith	Description	Structure			Mineralization						Alteration Scale: 0 - 5						
	From	To			Depth	Type	Angle	%Py	%Aspy	%Cpy	%Sph	% galena	Ser / Kspar	Chl	Epi	Mag	FeOx	CO3	Silic
12Car-21	14.80	23.80	volc tuff	laminated foliated to schisty texture, finely banded 1 to 2mm white carbonate quartz to 3mm width up to 5% of core, some sections of more massive basaltic texture near top of section, about 30cm, increasing earthy reddish colore partly oxidized towareds vein 22.5-23.8	17	lam	60									2.0	1.0	1.0		
12Car-21	23.80	25.20	QV	white quartz with grey quartz, more grey towards end of section, glassy quartz mixed with brown and less orange carbonates as round masses to 20%, host rock included in 10cm segments to 15% of segment, broken contacts																
12Car-21	25.20	32.92	volc tuff	light grey and dark grey segments of finely laminated foliated to weak schisty texture, little to no rusty staining, magnetic, few 5mm bands of quartz carbonate moslty near end of hole, minor to 2%, couple of muddy possible clayey segments on fracture parallel to foliaton to 2mm widths, darker grey colored towards end of hole	32	lam	60													
		eoh 108 ft																		
12Car-22	0.00	8.15	volc tuff	buff colored and grey blocky to highly laminated schisty fabric, siderite orange colored through most of section, fine laminations and fine sandy grained foliated tuff, patchy light grey colored possible seric altered bleaching, low magnetics compared to other sections	7	lam	75									1.0	1.0			
12Car-22				at 6.3, single quartz vein or pod, laminated with green chl ep altered margins	6.3	vn	70							1.0	1.0					
12Car-22	8.15	8.30	QV	laminated white quartz with chloritic and epidote green colors on margins, siderite to 20% of vein, black masses and possible minor metallic oxides	8.15	vn	65							1.0	1.0					
12Car-22	8.30	10.40	volc tuff	continued as before, brown and grey laminated schisty volc tuff																
12Car-22	10.40	10.55	QV	quartz with grey banding chloritic margins, siderite and oxidized vuggy section in middle of segment	10.4	vn	75										1.0	2.0		
12Car-22	10.55	17.60	volc tuff	fine laminated to almost massive sandy texture, minor schisty section near 12m, gradational to next section with decreasing light grey color and fine grained aspect to darker, more weakly laminated and more eye shaped boudins from fspar, minor white segments or masses	15	lam	75									1.0				
12Car-22	17.60	43.50	bas tuff	still laminated as before but with less fine grey thin aspect, darker grey, some sections more massive with very little obvious foliation grading to laminated white and black to dark green 1 to 2mm bands, eye shaped augens from remnant fspar, magnetic, minor warpy late horsetail infill quartz carbonate stringers to 3mm width, more fine grey schisty volc tf from 31 to 32m, minor siderite stained, 42.3-43.5 increasing pocky texture and highly oxidized to red and orange from magnetite and siderite destruction, towards vein very pocky oxidized core												1.0	2.0	1.0		
12Car-22	43.50	45.90	QV	grey translucent quartz for most part, inclusions of host rock to 15% very orange stained oxidized banded in quartz, few specks **silvery metallic,** needle like crystals in pocket about 1mm size (picture) stibnite/arsenopy?, siderite orange inclusions to 5% as rounded pods and masses to 1cm size	45.9	vn	75													
12Car-22	45.90	49.00	bas tuff	dark grey to black laminated to more oxidized orange by end of hole, gradational in and out of possible volc tuff type rock (schisty sandy grained rock), several eye shaped boudins of 1cm size from fspar, pocky oxidized core 45.9 to 46.3 along vein margin																
12Car-22	49.00	52.21	volc tuff	very orange stained sericitic looking muscovite schist from foliated volcanic, still magnetic, fine banding foliation of 1 to 2mm size, very minor white carbonate blebs, warpy open minor folding in laminations	50	lam	60													
		eoh 168																		
12Car-23	0.00	1.52	C	casing, bedrock and overburden, small amount of cored rock above casing block																
12Car-23	1.52	21.89	volc tuff	tan to grey and light grey finely banded to weak schistose, bleached sericitic through sections of 30 to50cm to light gfrey slightly shiney core, near massive texture where altered to sericite and possible silica, magnetic	10	lam	60						2.0			1.0	2.0		1	
12Car-23				at 5.1 - warpy 2cm quartz vein or pod, shallow to ca														2.0	2	
12Car-23				7.31-7.32 quartz masses or pods, warpy 2 to 3 cm bands with chloritic clots on margins																
12Car-23				12.1-12.2 quartz vein, white quartz with sharp contacts	12.1	vn	70													
12Car-23				increased siderite orange staining toward change in rock type, minor amount of pocky core																
12Car-23				gradational oontact to next, mostly a color and slight courser textural change																
12Car-23	21.89	36.30	bas tuff	dark grey massive to slightly banded to more strongly foliated black with white streaks from fspar and fragment elongation, more fine mottled networked white where massive textured, carbonate and silica white interstitial and masses elongated along foliation, magnetic, pocky core towards vein												1.0		1.0	1	
12Car-23	36.30	36.50	QV	quartz banded, white with inclusions of blotchy limonitic stained host rock to 30% of section, this may be the main vein but it looks much smaller and not as potentially mineralized, warpy contact at high angle	39.36	vn	80													
12Car-23	36.50	37.00	bas tuff	continued past vein from previous bas tuff, weakly siderite stained at top of section																

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12Car-23	37.00	47.85	volc tuff	light grey to orange siderite stained, many sections in and out of basaltic looking more dark and white spotted core, segments of each rock texture of 20 to 30cm length, several 5 to 10 cm quartz pods of white mottled with limonite altered host rock, remnant white fragments and crystal grains of 5mm elongate size													1.0	1.0	1
12Car-23				at 38.9 - 5cm mass of white and brown siderite quartz, slight sugary	41.9	vn	75												
12Car-23				42.10 - 4cm quartz band, sharp contacts mostly white quartz slight sugary, breccia margins	45.11	vn	40												
12Car-23				possible seric silica siderite pervasive altered towards end of hole from 47-47.89															
		157 ft																	
12Car-24	0.00	4.40	C	Casing, no core															
12Car-24	4.40	32.92	volc tuff	very schistose finely banded with elongated variable colored remnant fragments rounded to 2-3mm width and up to 2cm elongate, possibly a heterolithic volcanic breccia-tuff, sericitic with patchy pervasive calcite, siderite stained throughout with few sections less orange colored, magnetic weak to strong in places, traces of very fine pyrite disseminated grains, magnetite specks visible in few places	30	lam	75	tr					3.0			4.0	2.0	1.0	
12Car-24				at 11m, very warpy banding in laminated schisty core, evidence of complex folding in rocks with sharp variable warpy folding															
12Car-24				26.8-30 black streaks appear to be very fine bands of magnetite, less than 1mm thick and up to 3% of core												5.0			
		eoh 108 ft																	
12Car-25	0.00	4.57	C	casing through overburden, some granitic pieces cored above first block for about 10cm, gravel															
12Car-25	4.57	32.61	volc tuff	tan to grey colored finely laminated foliated to schistose, remnant rounded elongate remnant tuff fragments heterolithic to about 3mm by 2cm size, pervasive carbonate reaction to acid, orange colored rusty patches siderite, pretty much constant texture throughout as finely banded compacted or sheared volcanic, sericitic shiney laminations throughout, actually a sericite schist?	17.5	lam	70	tr					3.0			3.0	2.0	1.0	
12Car-25				trace fine pyrite in places, minor															
12Car-25		eoh		31.3-32.5 fine black banding very magnetic, banded magnetite grains?												5.0			
12car-26	0	40.28	Volc tuff	brown to orangey brown to grey highly foliated to schistose, remnant tuffaceous breccia fragments elongated along foliation to commonly 2 to 3mm wide by 2cm long, rusty oxidized pocky segments where likely siderite or other carbonate has erroded, possible fine py to traces, magnetic, some black colored lamellae appear more magnetic possible fg magnetite, weak pervasive carbonate patchy fizzy areas under HCl,sericitic to muscovite shean along foliation, muscovite-sericite-carbonate schist, heterolithic tuff sheared	38	lam	55	tr					3.0			3.0	2.0		
12car-26	40.28	40.70	QV	quartz carbonate vein with brecciated fragments of sideritic schist to 40%, fragments of 1 to 3cm size angular, somewhat sugary textured quartz-carbonate white matrix ot vein, gradual increase in matrix material from 40.28 to 40.45, more veining 40.25-40.7 with sharp cuttof at lower contact, may be a cross cutting vein ie not along foliation, at slightly lower angle to ca, no sulphides noted but small dark grains are visible as possible oxidized Sp or Ga	40.46	cntct	30				tr	tr					2.0	3.0	4
12car-26	40.70	42.10	Volc tuff	laminated grading to more massive towared next unit, pocky outer core possible washed away during drilling likely oxidized carbonate, some banding in laminations as possible original bedding layers in tuff, now more of a weakly schitose patchy laminated schisty tuff, grades to slightly more massive and darker grey tuffaceous texture with slightly visible white mineral grains (Fspar) to next unit															
12car-26	42.10	48.16	bas tuff	dark grey to med grey finely laminated to near massive by end of section, stretched elongated white mineral grains possible fspar to 5% equigranular 1mm size, also patchy white masses possible remnant breccia fragments now boudins eye shaped blebs to 5mm size, foliation grades from strong laminated texture to fine penetrative allignment of grains to near massive texture over last 10cm, weak epidote green color in last 20 to 30cm of core, patchy weak magnetics, few warpy remnant carbonate stringers of 2 to 3mm width mostly in bottom 2m of core	46	lam	60								1.0	1.0		1.0	
		eoh 158ft																	
12car-27	0.00	2.65	C	no core, likely broken bedrock, SK porpg															
12car-27	2.65	13.84	SK Porph	Silver King porphryr, feldspar to 30% as 2 to 3mm subhedral grains equidistributed in grey groundmass with few fine chlorite altered mafics of less than 1mm size flecks, competent hard slightly foliated with allignment of mineral grains, very few individual fine grains of py				tr						1.0					

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	Depth (m) From	Depth (m) To	Lith	Description	Structure Depth	Structure Type	Structure Angle	Mineralization %Py	%Aspy	%Cpy	%Sph	% galena	Ser / Kspar	Alteration Scale: 0 - 5 Chl	Epi	Mag	FeOx	CO3	Silic
12car-27	13.84	73.05	Volc tuff	finley foliated and banded grey to orange and grey with weathering of carbonate, slighty warpy banded to folded in places, variable from tuffaceous as remnant stretched eye shaped grains or fragments to more sandy textured nearly massive in place, grades to more muscovite-sericite schist with stonger reddish orange oxidiation, traces to 1% very fine grained py disseminate, magnetite as fine grained disseminate 14.33-14.37 2cm band of quartz carbonate with rusty patches, weakly graphic textured quartz siderite 30-42 strong orange and red stained very schistose muscovite on fractures, pocky weathered in places, more of a qtz carb musc seric schist finer grained sections may represent original ash tuff versus more banded and speckled volc tuff to breccia 51-53 strong orange stained with clayey decomposed sections over 5cm width, weathered schist 54-73 patchey grey colored and orange stained sideritic with continued strong foliation to schistose texture Gradational change from sericitic highly fine laminated to less laminated, darker grey more massive	66	lam	70	tr					3.0		1.0	1.0	3.0	3.0	
12car-27	73.05	108.50	bas tuff	dark grey with spots and streaks white from stretched elongated fragments of grey to grey-white feldspar quartz heterolithic, trends from more finely laminated penetrative foliation to more massive by 79 metres	74	lam	70								1.0	1.0		1.0	1
12car-27				75.3 - quartz siderite banded vein 2mm thick at low to ca	75.3	vn	10												
12car-27				75.5-77 slightly clayey oxidized segments over 5cm sections, weathered decomposed															
12car-27				77-83.1 more massiv e textured with small streaks remnant eye shaped fragments with late infilling warpy carbonate stringers and pods															
12car-27								tr		tr									
12car-27				84.5-94 more massive textured dark grey fine grained with few eye shaped fragment remnants, gradational to more finely laminated with spots and specks of grey to white veinlets and fragment remnants to 5%															
12car-27				94-102 slight increase in foliated to finely laminated and schistose through center of subsection, few quartz bands with minor late horsetail stringers to 1mm size, minor rusty oxide siderite stained															
12car-27				increasing massive texture from 102 to 108, finely spotted texture with gfreen pervasive epidote throughout, more of a typical weakly altered basalt with minor 2 to 3mm wide veinlets white quartz-carb-fspar crossing and along core axis						tr					2.0				
12car-27				gradational to next with more fine laminations and foliation changing over 50cm section															
12car-27	108.50	121.01	Volc tuff	fine laminated grey to light grey to greenish grey, more blocky and less schistose than in previous volc tuffs, some sections more ash textured very light grey with minor remnant fragments or crystals, grades from darker grey to light grey top to bottom, grades to more laminated schistose over final 2m with orange staining from siderite common to volc tuff sections in upper parts of the hole	110	lam	75	tr		tr						1.0			
12car-27				108.4-108.6 white quartz carbonate fspar banding or veinlet to 10cm width, very few malachite specks						tr									3
12car-27				traces of very fine malachite staining with areas of quartz banding, mostly in upper secitons of core															
12car-27				109.3-109.7 few minor 1cm size quartz bands with 1 larger 10cm band graphic intergrowth fspar quartz, one blotch of malachite staining in close proximity to small vug	109.3	vn	60			tr									3
12car-27				near 112m few 1 to 2cm size quartz siderite bands, warpy, along foliation in dark grey core banded with orange siderite, warpy laminations															
12car-27				grades to slightly orange stained felsic muscovite-sericite carbonate schisty core from 118-121															
		eoh 397 ft																	
12car-28	0.00	3.05	C	casing , no core, about 5cm of rubble above first block, granitic pebbles															
12car-28	3.05	16.15	Volc tuff	slight orange stained, mostly grey finely laminated foliated schistose with barely visible remnant tuff fragments and crystal as white spots elongate along foliation, sericite on foliations increasing in strength toward next section, disseminated py throughout as fine individual grains with some allignment along foliation, 1 to 2% overall, no magnetite, seems to be a different iron sulphide state of oxidation than in previous drillholes,	10	lam	75	2.00					3.0				1.0		

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12car-28	16.15	17.95	ash tuff	light grey to white very finely laminated to massive textured with warpy orange and white fracture infilling quartz carbonate somewhat alligned along core axis, ashy talcy feel likely fine sericite, clayey oxidized weathered in sections to sericitic mass, 5% veined with tension gash infililing angular broken tensional infills, continued fine grained disseminated py to 0.5%, sericite schistose to massive sericitized ash tuff, gradational to next unit over 20cm core length				0.50					4.0						
12car-28	17.95	65.70	Volc tuff	grey finely foliated to massive textured , fine sandy grained siltstone to sandstone with laminations of white remnant fragments and possible crystal grains to 2 or 3mm size as eye shaped to elongated remnants, patchy coloration variation from darker grey to light buff grey related to possible late sericitic alteration, fine grained disseminated py throughout as shiney individual grains less than 1mm size, some allignment along foliation, py varies from 1 to 5% along section with few coarser upgrades in areas of quartz banding, py sericite content suggests phyllic alteration py content 1% to 25m, 2% to 27m, 4% 29-38m, 3% to 42m increase to 5% to 50m, back down to 1% from about 55 to 65m, py content may be related to sericite alteration strength (phyllic)	32	lam	80	3.00					3.0					tr	
12car-28				23.4-23.75 few squiggly quartz pods to about 30% of core, white non mineralized appearance															1
12car-28				at 27.8 - single quartz band 5cm width, coarse late infill appearance, no mins															
12car-28				32.7-34.3 - several bands of quartz of 1 to 3cm width each, irregular somewhat warpy and elongated along foliation, no apparent change in sulphide contents, minor siderite, and talkcy sericitic component, only trace through section but up to 40% quartz banding over 10cm section															1
12car-28				35-48 pretty monotenous section of finely foliated to massive textured grey to grey brown core, very little late fracture infill quartz with possible kspar, py from 3 to 5% throuighout as fine grained disseminate, warpy laminations close to 38 m as open foldeds, py allignment typical along foliation orientation	38	lam	75	3.00					1.0						
12car-28				48-52.6 - increasing warpy foliated quartz with minor carbonate or kspar, 2 to 4mm size bands roughly alligned with foliation to 2 or 3% or core															2
12car-28				52.6-53 - several 4 to 5cm bands of quartz, mottled with kspar near graphic texture, strong py as coarse grained masses along margin in 8cm band of qaurtz 52.9 to 53				2.00											2
12car-28				53-57- stronger grey mottled texture with increased sericite, warpy banded with talcy feel, minor quartz bands to 5mm width to 2%, continued disseminated py				2.00					3.0						1
12car-28				58-59 - broken core with rusty staining on surfaces, defoliated schisose core				1.00									2.0		
12car-28				59-65.7 - more massive very finely laminted foliated grey core with 1% disseminated py throughout, very minor cross cutting 2mm quartz vein late fracture infill, sharp contact to dyke	65.7	cntct	80	1.00					1.0						
12car-28	65.70	67.90	mafic dyke	mafic dyke, magnetic dark grey to black with black specks (biotite) and white specks (plag), equigranular with fine grains less than 1mm size, slight chilled margin to more fine grained over 30cm segments at contacts															
12car-28	67.90	68.38	Volc tuff	small section of tuff between dykes, fine grained py along foliations less than in previous volc tf, foliated as usual to schistose fabric				tr								1.0			
12car-28	68.38	68.56	mafic dyke	dark grey to black sharp; contacts small dyke, dyke contacts are pretty close to alligned with foliation, maybe slight cross cutting by 5 degrees or so	68.56	cntct	70									2.0			
12car-28	68.56	69.20	Volc tuff	same as previous from 67.9 to 68.38, short section between dykes,															
12car-28	69.20	69.55	mafic dyke	basaltic dark grey to black, magnetic, sharp contacts alligned along foliation, but chilled margins suggest late infill												3.0			
12car-28	69.55	73.05	Volc tuff	light grey with orange patches sideritic, mostly fine laminated with a nearly massive texture from a distance, remnant fragments barely visible in highly foliated schistose core, no magnetics, weak py disseminate, sericite schist from volc tuff	72.5	lam	75	tr					2.0				2.0	1.0	
12car-28	73.05	75.30	mafic dyke	basaltic dark grey to black, magnetic, sharp contacts, spotted with white cavity infilling amygdaloids through middle of section over 1m, chilled margins over 20 cm each side	75.3	cntct	60									3.0			
12car-28	75.30	76.10	Volc tuff	as usual with finely laminated grey with orange patchy siderite staining, py as fine disseminate to low amount, very minor carbonate late infills, weak talcy feeling sericitic banding				1.00					2.0			1.0		1.0	
12car-28	76.10	76.93	mafic dyke	fine grained black magnetic dyke, biotite plag with possible olivine as rounded grains, massive textured with chilled margins, late dyke within shear zone	76.93	cntct	80									3.0			

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													Kspar						
12car-28	76.93	79.40	Volc tuff	grey to orange brown with limonite staining, minor py as fg disseminate, few quartz bands of 1 to 3cm width near 78.7 alligne along foliation, grades to more grey colored and less limonitic toward end of section, weak remnant tuff texture - mostly finley laminated foliated schistose micaceous (sericite schist)	78.8	lam	75	1.00					3.0			1.0	1.0	1.0	
12car-28	79.40	79.70	QV	warpy quartz vein or pod, sections banded at top with schistose volcanic between, about 70% of section is veining, mottled white to grey quartz mixed with carbonate and possible kspar, near graphic growth, no apparent associated sulphides	79.7	vn	80												
12car-28	79.70	138.00	tuff/schist	grey very finely laminated to near massive textured fine grained, sandy gritty, moderately magnetic in places, few quartz carbonate tension gash infills to 3mm width to 1% overall, minor vugs and decomposed sections over 3 or 4cm width, very fine grained disseminated py throughout with weak allignment along foliation to 2 to 4% in 1m sections mostly below 85m depth, weak greenish color possible pervasive chlorite, possible lesser epidote very fine color changes 85-101 long monotonous sequence of grey finely foliated to massive looking schitose tuff, few quartz carbonate pods as remnant pockets of 1 to 3cm size, some eye shaped augened white possible fragment or vein remnants, magnetite and py as very fine grains mixed with about 2% py and 1% magnetite grains weakly alligned along foliation				2.00						1.0		1.0		1.0	
12car-28				101-101.4 section containing several warpy quartz pods and pockets with patchy chloritic margins, coarse quartz carbonate, near 101 quartz vuggy oxidized with margins of silvery metallic as prisms, sphalerite or hematite silvery color, red scratching, minor component of veining, veins total 20% of core in section				1.00			1.0			1.0				1.0	1
12car-28				101.4-116 - continued monotonous sequence of fine grained to sandy textured foliated to massive grey schistose tuff, magnetic over 10 to 50cm sections, py fg disseminate to 3% in places, mostly 1 to 2%, weak foliation and weak banding of grey and weak greenish colored component, minor rusty stained fracture surfaces, carbonate grey masses irregular shaped remnant vein or possible fragment from tuff, few late tension gash angular infills carbonate, white-grey and orange carbonate colors, minor (to 2% overall)	108	lam	80	2.00						1.0	1.0	1.0	1.0	1.0	
12car-28				116-125 increasing foliation to weakly schistose with minor orange stained siderite patches, still disseminated py to 2% and magnetic				2.00								1.0			
12car-28				126.5-128.5 patchy clay altered decomposed core with remnant breccia fragments encased within strong sericitic matrix, few segments with mariposite bright green blue color along foliation, late fault or shear within the foliated schistose shear, grades to warpy banded and crackly broken with infilling quartz carbonate veinlets and masses to 1 or 2cm size, some along core axis									3.0			1.0		2.0	1
12car-28				130.5 - reddish colored banded quartz carbonate vein along core low angle to core axis, 3mm wide	130.5	vn	15												1
12car-28				136.5- minor late fracture infilling quartz carbonate sharp edged with minor offsets, tension gash infillings															1
12car-28				137-138 gradual increase in sericitic clayey bands, grading towards next section with increased banding and foliation and decomposition of core to clay															
12car-28	138.00	156.06	mica sch	very foliated to platey core, similar to previous volc tuffs with schistosity but higher percentage of sericite with possible talc or clay, few segments with mariposite along foliation to very low percentage, sections completely decomposed to clay, with total loss of core from 145.39 to 148m (washed away by drilling), strong sericite , pocky core in places where carbonate may have been washed away, py disseminate fine grained to 2% throughout				2.00					3.0					1.0	
12car-28				core washed away from 145.39 to 151.49 with only a few specks of core, sludge from return was kept in a cup and is intended as a sample, from 151.49 to 153.62 there is about 50cm of core chips, also sampled															
		eoh 512 ft																	
12 car-29	0.00	4.57	C	casing , no core, about 5cm of rubble above first block, granitic pebbles															
12 car-29	4.57	5.18	obvd	cored through boulder of granite, coarse Nelson batholith overburden															
12 car-29	5.18	8.23	C	no core, advanced casing															
12 car-29	8.23	17.98	Volc tuff	dark grey with slightly lighter patches sericitic foliated to weakly schistose fine remnant tuffaceous texture, single quartz carbonate late infill graphic growth coarse 10cm band along foliation, fine diss py	12	lam	80	tr					2.0					1.0	1
12 car-29	17.98	20.60	Volc tuff	decomposed seric clay schisty core to talcy feeling near mush, platey, strongly foliated with slight increased py disseminate (phyllic), chlorite on some foliation breaks, very minor mariposite				1.00					4.0	1.0					

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12 car-29	20.60	25.76	Volc tuff	more dark grey to grey green very fine foliated to massive appearance, banded light and dark in places, minor late carbonate infills to less than 1%, py disseminate to 1% fine grains with allignment along foliation, green coloration pervasive chlorite	25	lam	75	1.00					1.0	2.0				1.0	
12 car-29	25.76	30.40	Volc tuff	banded chlorite sericite schisty to finely foliated massive appearance, magnetite to 1% as fine disseminate with py to 2% as blebs and fine disseminate, grades to 2% magnetite by end of section				2.00					3.0			2.0			
12 car-29	30.40	35.70	Volc tuff	massive to finely foliated with white spots remnant fspar crystal tuff, fine disseminated py to 1% individual grains with allignment along foliation, chlorite blotches on foliation surfaces	33	lam	75	tr						1.0					
12 car-29	35.70	53.50	Volc tuff	strong seric py alteration (phyllic) with traces of brilliant green mariposite along some foliations, partly decomposed to schisty talcy feeling, grades to more competent core by 44m but with consistent high sericite pyrite content from 3 to 5% over some sections single coarse quartz carb graphic infill vein or pod along foliation at 44.3 ash tuff appearance due to light grey color and remnant specks of possible mineral grains or fine fragments, patchy sections with remnant eye shaped augens or boudins of light colored fragments mostly visible from 48 to 53.5, continued sericite py phyllic alteration grading to more silicified massive	37	lam	80	3.00					5.0					1.0	
12 car-29	53.50	54.10	Volc tuff	massive textured with very fine foliation allignment, hard more glassy core pervasive silicified with py disseminate, sericitic shean, potassic alteration, magnetic destroyed				2.00					2.0						4
12 car-29	54.10	54.40	md	mafic dyke, magnetic dark grey to black with black specks (biotite) and white specks (plag), equigranular with fine grains less than 1mm size, slight chilled margin to more fine grained over 5cm segments at upper contact, alligned along foliation (intruded)	54.4	cntct	80									3.0			
12 car-29	54.40	60.70	Volc tuff	massive textured with very fine foliation allignment, hard more glassy core pervasive silicified with py disseminate, sericitic shean, potassic alteration, magnetic destroyed at 59 - single 10cm coarse quartz carbonate graphic intergrowth pod alligned along foliation transitional change to almost unaltered andesitic tuff over 1m as banding of altered and unaltered variable in 4 to 8cm sections				2.00					2.0			3.0			
12 car-29	60.70	87.85	and tuff	dark grey to green, augite phyric with minor white spotting remnant fspar grains, crystal grains to 1 or 2mm size rounded subhedral to 5%, fragment remants as variably colored elongate rounded stretched 1 to 3cm size masses (heterolithic), possibly an andesitic tuff-flow, similar to the elise formational rocks on the east side of the Silver King intrusive (Kena property). weakly to moderately foliated as allignment of fragments and crystal grains patchy chlorite epidote alterations, coarse chlorite with some vuggy segments or veining, carbonate veining with epidote stronger from 73 m down hole (propyllitic) patchy magnetic sections, traces of py as individual fine grains 85.4-85.7 single ash tuff interbed, sharp contacts, first sign of actual bedding in volcanics that might suggest variable colors in altered rock might represent the protolith slight gradational over 30cm to next section with increasing fragmental size and more defined volcanic textures	85.7	bed		tr						2.0	1.0	1.0		1.0	
12 car-29	87.85	100.50	volc brec	light and dark green volcanic breccia with dark green to grey rounded 1 to 10cm size fragments heterolithic to 60% supported in fine light green epidote colored matrx with fine granular rounded fragments, slightly stretched elongated similar to flow banding but likely penetrating foliation parallel to shear zones to either side of this unit, remnant less altered or sheared portion of the volcanic succession, fine black spotted in places possible augite phyric rounded anhedral grains, slightly chloritic colored grains, very few slightly magnetic sections, no significant sulphides, fine hematite on fractures near to 96 apparent sharp contact to next, possibly shear margin with stronger foliation of same volcanic to near schistose and alteration,mineralization increase	100.5	cntct	80							1.0	3.0	1.0			

HOLE ID **Excalibur**

2012 EXCALIBUR - Cariboo Drilling Program

	Depth (m)		Lith	Description	Structure			Mineralization						Alteration Scale: 0 - 5						
	From	To			Depth	Type	Angle	%Py	%Aspy	%Cpy	%Sph	% galena	Ser / Kspar	Chl	Epi	Mag	FeOx	CO3	Silic
12 car-29	100.50	127.10	volc tuff	foliated, sheared and altered volcanic, remnant elongated fragments as eye shaped boudins and banding of colors in foliation, up to 1 to 2cm size bands and augens of various colors including light grey and white, progresses to strong sericite, mariposite, py altered (phyllic) from 105-112, lighter colored sericitic grey to green with splotchy brilliant green on some foliations (mariposite), slightly warpy foliation banding of 1mm to 1cm size, py to 3% as very fine disseminate alligned along foliation to some degree, weakly magnetic in some 5cm sections, slightly decomposed clayey 108 to 109, single 5cm quartz carbonate pod along foliation at 108.7, graphic intergrowth yellowish carbonate and white quartz 119-123 slightly less altered and less py, weak phyllic with remnant recognizable breccia fragments rounded along foliation up to 3cm size, py 1 or 2% fg along foliation, at 115.5, single 4cm pocket of quartz carbonate with vuggy openings, few specks shiney metallic (hematite) and few specks py and cp	114	lam	75	2.00		tr			3.0		1.0				
12 car-29				123- 127.1 increasing to strong sericite and pyrite altered (strong phyllic) to end of hole, py to 3 or 4%, streaks of green color from mariposite on foliations,strong foliation with increased alteration to light grey and light green laminations, 123.8-124 two 3cm pockets of quartz carbonate with few specks hematite as fine silvery metallic, at 124.4, single 3cm band qc with few shiney metallic specks hematite, from 125 to 127.1 alteration and py content increases to 5% py with some segments oxidized possible bands of py over 1 to 2cm width that might have been 30% py (now oxidized cavities)-few,	118	lam	75	4.00					4.0						
12 car-29		eoh 417 ft																		

hole id	sample id	fm m	to m	interval
12Car-01	2098351	8.53	10.28	1.75
12Car-01	2098352	11.58	14.63	3.05
12Car-01	2098353	17.68	20.73	3.05
12Car-01	2098354	45.11	48.16	3.05
12Car-01	2098355	48.16	51.21	3.05
12Car-01	2098356	52.96	54.25	1.29
12Car-01	2098357	54.25	54.75	0.50
12Car-01	2098358	54.75	57.30	2.55
12Car-01	2098359	57.30	58.30	1.00
12Car-01	2098360	blank		
12Car-01	2098361	58.30	60.35	2.05
12Car-01	2098362	60.35	63.20	2.85
12Car-01	2098363	63.20	63.70	0.50
12Car-01	2098364	63.70	66.95	3.25
12Car-01	2098365	68.90	69.30	0.40
12Car-01	2098366	72.50	75.59	3.09
12Car-01	2098367	75.59	78.64	3.05
12Car-01	2098368	standard 11A		
12Car-01	2098369	83.00	83.59	0.59
12Car-01	2098370	83.59	86.30	2.71
12Car-01	2098371	93.88	96.93	3.05
12Car-01	2098372	109.94	112.17	2.23
12Car-01	2098373	112.17	115.21	3.04
12Car-01	2098374	115.21	116.90	1.69
12Car-01	2098375	116.90	118.42	1.52
12Car-01	2098376	118.42	120.20	1.78
12Car-01	2098377	120.20	121.31	1.11
12Car-02	2098378	4.57	8.23	3.66
12Car-02	2098379	8.23	11.28	3.05
12Car-02	2098380	blank		
12Car-02	2098381	11.28	14.33	3.05
12Car-02	2098382	26.52	29.57	3.05
12Car-02	2098383	29.57	31.00	1.43
12Car-02	2098384	31.00	32.61	1.61
12Car-02	2098385	32.61	35.45	2.84
12Car-02	2098386	35.45	36.00	0.55
12Car-02	2098387	36.00	37.18	1.18
12Car-02	2098388	37.18	38.71	1.53
12Car-02	2098389	45.99	46.80	0.81
12Car-02	2098390	standard 11A		
12Car-02	2098391	46.80	48.90	2.10
12Car-02	2098392	48.90	50.90	2.00
12Car-02	2098393	50.90	53.95	3.05
12Car-02	2098394	53.95	54.42	0.47
12Car-02	2098395	54.42	57.00	2.58
12Car-02	2098396	63.09	66.14	3.05
12Car-02	2098397	72.00	73.00	1.00
12Car-02	2098398	73.00	74.30	1.30
12Car-02	2098399	74.30	75.29	0.99

hole id	sample id	fm m	to m	interval
12Car-02	2098400	75.29	78.33	3.04
12Car-02	2098401	81.38	84.43	3.05
12Car-02	2098402	91.80	93.57	1.77
12Car-02	2098403	93.57	98.61	5.04
12Car-02	2098404	98.61	99.40	0.79
12Car-02	2098405	99.40	102.72	3.32
12Car-03	2098406	4.14	4.75	0.61
12Car-03	2098407	blank		
12Car-03	2098408	4.75	6.35	1.60
12Car-03	2098409	6.35	8.53	2.18
12Car-03	2098410	8.53	11.58	3.05
12Car-03	2098411	11.58	14.63	3.05
12Car-03	2098412	standard 12		
12Car-03	2098413	14.63	17.68	3.05
12Car-03	2098414	17.68	20.73	3.05
12Car-03	2098415	20.73	22.10	1.37
12Car-03	2098416	22.10	23.00	0.90
12Car-03	2098417	23.00	23.77	0.77
12Car-03	2098418	33.20	33.90	0.70
12Car-03	2098419	33.90	36.86	2.96
12Car-03	2098420	39.01	42.06	3.05
12Car-03	2098421	42.06	45.11	3.05
12Car-03	2098422	57.30	60.35	3.05
12Car-03	2098423	60.35	63.40	3.05
12Car-03	2098424	71.35	74.40	3.05
12Car-03	2098425	81.69	84.73	3.04
12Car-03	2098426	87.78	90.83	3.05
12Car-03	2098427	96.93	99.97	3.04
12Car-04	2098429	2.30	3.97	1.67
12Car-04	2098430	Blank		
12Car-04	2098431	3.97	5.10	1.13
12Car-04	2098432	5.10	6.60	1.50
12Car-04	2098433	Standard 11a		
12Car-04	2098434	6.60	7.70	1.10
12Car-04	2098435	7.70	8.73	1.03
12Car-04	2098436	8.73	11.58	2.85
12Car-04	2098437	11.58	14.63	3.05
12Car-04	2098438	14.63	17.68	3.05
12Car-04	2098439	17.68	20.73	3.05
12Car-04	2098440	20.73	23.77	3.04
12Car-04	2098441	23.77	24.43	0.66
12Car-04	2098442	24.43	25.05	0.62
12Car-04	2098443	25.05	26.82	1.77
12Car-04	2098444	26.82	29.87	3.05
12Car-05	2098445	1.52	5.79	4.27
12Car-05	2098446	5.79	7.13	1.34
12Car-05	2098447	7.13	8.00	0.87
12Car-05	2098448	8.00	8.84	0.84
12Car-05	2098449	8.84	9.50	0.66

hole id	sample id	fm m	to m	interval
12Car-05	2098450	9.50	11.17	1.67
12Car-05	2098451	11.17	12.16	0.99
12Car-05	2098452	12.16	14.94	2.78
12Car-06	2098453	1.85	4.50	2.65
12Car-06	2098454	blank		
12Car-06	2098455	4.50	6.50	2.00
12Car-06	2098456	6.50	7.10	0.60
12Car-06	2098457	7.10	8.53	1.43
12Car-06	2098458	standard 11a		
12Car-06	2098459	8.53	9.15	0.62
12Car-06	2098460	9.15	11.58	2.43
12Car-06	2098461	11.58	14.63	3.05
12Car-06	2098462	14.63	15.35	0.72
12Car-06	2098463	15.35	17.68	2.33
12Car-07	2098464	4.60	6.35	1.75
12Car-07	2098465	6.35	7.35	1.00
12Car-07	2098466	7.35	8.84	1.49
12Car-07	2098467	8.84	9.70	0.86
12Car-07	2098468	9.70	11.89	2.19
12Car-08	2098469	3.45	5.49	2.04
12Car-08	2098470	5.49	6.20	0.71
12Car-08	2098471	6.20	7.00	0.80
12Car-08	2098472	7.00	8.24	1.24
12Car-08	2098473	blank		
12Car-08	2098474	8.24	8.53	0.29
12Car-08	2098475	8.53	10.16	1.63
12Car-09	2098476	2.80	5.49	2.69
12Car-09	2098477	standard 12		
12Car-09	2098478	5.49	6.30	0.81
12Car-09	2098479	6.30	6.73	0.43
12Car-09	2098480	6.73	7.52	0.79
12Car-09	2098481	7.52	8.08	0.56
12Car-09	2098482	8.08	10.75	2.67
12Car-09	2098483	10.75	11.58	0.83
12Car-10	2098484	21.10	22.50	1.40
12Car-10	2098485	22.50	23.28	0.78
12Car-10	2098486	23.28	23.66	0.38
12Car-10	2098487	23.66	24.75	1.09
12Car-10	2098488	24.75	26.52	1.77
12Car-10	2098489	44.81	47.85	3.04
12Car-11	2098490	10.63	11.58	0.95
12Car-11	2098491	20.73	23.77	3.04
12Car-11	2098492	23.77	24.76	0.99
12Car-11	2098493	blank		
12Car-11	2098494	24.76	26.10	1.34
12Car-11	2098495	26.10	27.80	1.70
12Car-12	2098496	5.49	7.98	2.49
12Car-12	2098497	7.98	8.37	0.39
12Car-12	2098498	8.37	9.35	0.98

hole id	sample id	fm m	to m	interval
12Car-12	2098499	23.77	25.60	1.83
12Car-12	2098500	25.60	27.10	1.50
12Car-12	2098501	27.10	29.87	2.77
12Car-13	2098502	5.49	8.05	2.56
12Car-13	2098503	8.05	8.78	0.73
12Car-13	2098504	standard 11a		
12Car-13	2098505	8.78	8.97	0.19
12Car-13	2098506	8.97	11.58	2.61
12Car-13	2098507	23.77	25.75	1.98
12Car-13	2098508	25.75	26.85	1.10
12Car-13	2098509	26.85	28.10	1.25
12Car-13	2098510	28.10	29.87	1.77
12Car-14	2098511	5.49	8.53	3.04
12Car-14	2098512	8.53	11.58	3.05
12Car-14	2098513	26.82	29.70	2.88
12Car-14	2098514	blank		
12Car-14	2098515	29.70	30.10	0.40
12Car-14	2098516	30.10	32.38	2.28
12Car-14	2098517	32.38	32.92	0.54
12Car-14	2098518	32.92	35.97	3.05
12Car-15	2098519	5.49	8.53	3.04
12Car-15	2098520	8.53	11.58	3.05
12Car-15	2098521	27.50	30.40	2.90
12Car-15	2098522	30.40	31.39	0.99
12Car-16	2098523	1.92	4.25	2.33
12Car-16	2098524	4.25	4.76	0.51
12Car-16	2098525	standard 12		
12Car-16	2098526	4.76	7.10	2.34
12Car-16	2098527	7.10	8.53	1.43
12Car-16	2098528	8.53	11.58	3.05
12Car-16	2098529	20.73	21.56	0.83
12Car-16	2098530	21.56	22.11	0.55
12Car-16	2098531	22.11	23.39	1.28
12Car-16	2098532	23.39	23.93	0.54
12Car-16	2098533	23.93	26.82	2.89
12Car-16	2098534	32.92	35.92	3.00
12Car-17	2098535	6.31	7.35	1.04
12Car-17	2098536	blank		
12Car-17	2098537	7.35	7.65	0.30
12Car-17	2098538	7.65	8.53	0.88
12Car-17	2098539	8.53	11.58	3.05
12Car-17	2098540	20.73	23.18	2.45
12Car-17	2098541	23.18	23.77	0.59
12Car-17	2098542	23.77	25.10	1.33
12Car-17	2098543	25.10	26.82	1.72
12Car-18	2098544	17.37	19.05	1.68
12Car-18	2098545	standard 11a		
12Car-18	2098546	19.05	20.79	1.74
12Car-18	2098547	20.79	22.00	1.21

hole id	sample id	fm m	to m	interval
12Car-18	2098548	22.00	23.47	1.47
12Car-18	2098549	23.47	26.52	3.05
12Car-18	2098550	26.52	28.77	2.25
12Car-18	2098551	28.77	29.80	1.03
12Car-18	2098552	29.80	32.61	2.81
12Car-19	2098553	20.73	22.95	2.22
12Car-19	2098554	22.95	23.86	0.91
12Car-19	2098555	23.86	24.92	1.06
12Car-19	2098556	blank		
12Car-19	2098557	24.92	26.82	1.90
12Car-19	2098558	29.87	32.92	3.05
12Car-20	2098559	17.68	19.91	2.23
12Car-20	2098560	19.91	21.75	1.84
12Car-20	2098561	21.75	23.09	1.34
12Car-20	2098562	23.09	24.35	1.26
12Car-20	2098563	26.82	29.87	3.05
12Car-21	2098564	6.80	8.30	1.50
12Car-21	2098565	standard 12		
12Car-21	2098566	17.68	20.73	3.05
12Car-21	2098567	20.73	22.60	1.87
12Car-21	2098568	22.60	23.80	1.20
12Car-21	2098569	23.80	25.30	1.50
12Car-21	2098570	25.30	27.13	1.83
12Car-22	2098571	5.92	6.50	0.58
12Car-22	2098572	10.18	10.70	0.52
12Car-22	2098573	42.06	43.50	1.44
12Car-22	2098574	43.50	44.90	1.40
12Car-22	2098575	44.90	45.90	1.00
12Car-22	2098576	45.90	48.16	2.26
12Car-22	2098577	48.16	54.21	6.05
12Car-23	2098578	1.52	5.49	3.97
12Car-23	2098579	7.00	7.80	0.80
12Car-23	2098580	blank		
12Car-23	2098581	7.80	8.51	0.71
12Car-23	2098582	8.51	10.50	1.99
12Car-23	2098583	10.50	11.39	0.89
12Car-23	2098584	11.39	12.39	1.00
12Car-23	2098585	28.68	29.87	1.19
12Car-23	2098586	29.87	30.67	237
12Car-23	2098587	standard 11a		
12Car-23	2098588	30.67	32.72	2.05
12Car-23	2098589	38.44	39.01	0.57
12Car-23	2098590	41.84	42.62	0.78
12Car-23	2098591	45.11	47.85	2.74
12Car-24	2098592	11.58	14.63	3.05
12Car-24	2098593	20.73	23.77	3.04
12Car-24	2098594	29.87	32.92	3.05
12Car-25	2098595	8.23	11.28	3.05
12Car-25	2098596	14.33	17.37	3.04

hole id	sample id	fm m	to m	interval
12Car-25	2098597	23.47	26.52	3.05
12Car-25	2098598	29.57	32.61	3.04
12Car-26	2098599	20.73	23.77	3.04
12Car-26	2098600	26.82	29.87	3.05
12Car-26	2098601	blank		
12Car-26	2098602	35.97	39.01	3.04
12Car-26	2098603	39.01	40.28	1.27
12Car-26	2098604	40.28	40.7	0.42
12Car-26	2098605	40.7	42.06	1.36
12Car-26	2098606	42.06	45.11	3.05
12Car-26	2098607	standard 11a		
12Car-26	2098608	45.11	48.16	3.05
12Car-27	2098609	11.28	13.84	2.56
12Car-27	2098610	13.84	14.65	0.81
12Car-27	2098611	14.65	16.5	1.85
12Car-27	2098612	17.37	20.42	3.05
12Car-27	2098613	29.57	32.61	3.04
12Car-27	2098614	35.66	38.71	3.05
12Car-27	2098615	38.71	41.76	3.05
12Car-27	2098616	50.99	53.95	2.96
12Car-27	2098617	60.05	63.09	3.04
12Car-27	2098618	66.14	69.19	3.05
12Car-27	2098619	69.19	71.3	2.11
12Car-27	2098620	71.3	73.05	1.75
12Car-27	2098621	73.05	75.29	2.24
12Car-27	2098622	81.38	82.8	1.42
12Car-27	2098623	82.8	84.43	1.63
12Car-27	2098624	84.43	87.48	3.05
12Car-27	2098625	90.53	93.57	3.04
12Car-27	2098626	96.62	99.67	3.05
12Car-27	2098627	99.67	102.72	3.05
12Car-27	2098628	105.77	108.15	2.38
12Car-27	2098629	108.15	108.81	0.66
12Car-27	2098630	108.81	109.6	0.79
12Car-27	2098631	109.6	110.73	1.13
12Car-27	2098632	110.73	112.8	2.07
12Car-27	2098633	112.8	114.91	2.11
12Car-27	2098634	114.91	117.96	3.05
12Car-27	2098635	117.96	121.01	3.05
12Car-28	2098636	5.18	8.23	3.05
12Car-28	2098637	8.23	11.28	3.05
12Car-28	2098638	11.28	14.33	3.05
12Car-28	2098639	14.33	16.15	1.82
12Car-28	2098640	16.15	17.95	1.80
12Car-28	2098641	blank		
12Car-28	2098642	17.95	20.42	2.47
12Car-28	2098643	20.42	22.9	2.48
12Car-28	2098644	22.9	24.42	1.52
12Car-28	2098645	24.42	26.52	2.10

hole id	sample id	fm m	to m	interval
12Car-28	2098646	26.52	29.57	3.05
12Car-28	2098647	29.57	32.81	3.24
12Car-28	2098648	32.81	34.4	1.59
12Car-28	2098649	standard cdn 11a		
12Car-28	2098650	34.4	35.66	1.26
12Car-28	2098651	35.66	38.71	3.05
12Car-28	2098652	38.71	41.76	3.05
12Car-28	2098653	41.76	44.81	3.05
12Car-28	2098654	44.81	47.85	3.04
12Car-28	2098655	47.85	48.75	0.90
12Car-28	2098656	48.75	50.9	2.15
12Car-28	2098657	50.9	52.6	1.70
12Car-28	2098658	52.6	53	0.40
12Car-28	2098659	53	53.95	0.95
12Car-28	2098660	53.95	57	3.05
12Car-28	2098661	57	60.05	3.05
12Car-28	2098662	60.05	63.09	3.04
12Car-28	2098663	63.09	65.7	2.61
12Car-28	2098664	69.55	72.84	3.29
12Car-28	2098665	76.93	78.5	1.57
12Car-28	2098666	78.5	79.3	0.80
12Car-28	2098667	blank		
12Car-28	2098668	79.3	79.8	0.50
12Car-28	2098669	79.8	81.38	1.58
12Car-28	2098670	81.38	84.43	3.05
12Car-28	2098671	84.43	87.48	3.05
12Car-28	2098672	90.53	93.57	3.04
12Car-28	2098673	96.62	99.67	3.05
12Car-28	2098674	99.67	100.9	1.23
12Car-28	2098675	standard cdn 12		
12Car-28	2098676	100.9	101.5	0.6
12Car-28	2098677	101.5	102.72	1.22
12Car-28	2098678	105.77	108.81	3.04
12Car-28	2098679	111.86	114.91	3.05
12Car-28	2098680	117.96	121.01	3.05
12Car-28	2098681	124.05	126.75	2.7
12Car-28	2098682	126.75	127.7	0.95
12Car-28	2098683	127.7	130.15	2.45
12Car-28	2098684	130.15	133.2	3.05
12Car-28	2098685	133.2	136.25	3.05
12Car-28	2098686	136.25	139.29	3.04
12Car-28	2098687	139.29	142.34	3.05
12Car-28	2098688	142.34	145.39	3.05
12Car-28	2098689	blank		
12Car-28	2098690	145.39	148.44	3.05
12Car-28	2098691	151.49	153.62	2.13
12Car-28	2098692	153.62	156.06	2.44
12Car-28	2098693	11.28	14.33	3.05
12Car-28	2098694	14.33	17.37	3.04

hole id	sample id	fm m	to m	interval
12Car-28	2098695	17.37	17.98	0.61
12Car-28	2098696	17.98	20.6	2.62
12Car-28	2098697	20.6	22.86	2.26
12Car-28	2098698	25.76	28.4	2.64
12Car-28	2098699	28.4	30.4	2
12Car-28	2098700	30.4	32.61	2.21
12Car-28	2098701	standard cdn 11a		
12Car-28	2098702	35.66	38.71	3.05
12Car-28	2098703	38.71	41.76	3.05
12Car-28	2098704	41.76	44.81	3.05
12Car-29	2098705	44.81	47.85	3.04
12Car-29	2098706	47.85	50.9	3.05
12Car-29	2098707	50.9	54.05	3.15
12Car-29	2098708	54.4	57	2.6
12Car-29	2098709	57	60.7	3.7
12Car-29	2098710	60.7	63.09	2.39
12Car-29	2098711	63.09	66.14	3.05
12Car-29	2098712	69.19	72.24	3.05
12Car-29	2098713	blank		
12Car-29	2098714	90.53	93.57	3.04
12Car-29	2098715	96.62	99.67	3.05
12Car-29	2098716	99.67	102.72	3.05
12Car-29	2098717	105.77	108.81	3.04
12Car-29	2098718	108.81	111.86	3.05
12Car-29	2098719	111.86	114.91	3.05
12Car-29	2098720	114.91	117.96	3.05
12Car-29	2098721	117.96	121.01	3.05
12Car-29	2098722	standard cdn 11a		
12Car-29	2098723	121.01	124.05	3.04
12Car-29	2098724	124.05	127.1	3.05

HOLE ID	FROM (m)	TO (m)	INT (m)	REC (m)	REC %	RQD(m)	RQD %	Fractures	NOTES
12CAR-01	0.00	5.49	5.49	3.34	61	0.33	10	>35	
12CAR-01	5.49	8.53	3.04	2.94	97	0.46	16	>35	
12CAR-01	8.53	11.58	3.05	3.20	105	0.14	4	>35	
12CAR-01	11.58	14.63	3.05	2.88	94	0.36	13	>35	
12CAR-01	14.63	17.68	3.05	2.86	94	0.00	0	>35	
12CAR-01	17.68	20.73	3.05	3.02	99	0.00	0	>35	
12CAR-01	20.73	23.77	3.04	2.95	97	0.00	0	>35	
12CAR-01	23.77	26.82	3.05	3.27	107	0.48	15	>35	
12CAR-01	26.82	29.87	3.05	2.83	93	1.06	37	>35	
12CAR-01	29.87	32.92	3.05	3.10	102	0.81	26	29	
12CAR-01	32.92	35.97	3.05	3.05	100	1.31	43	30	
12CAR-01	35.97	39.01	3.04	3.14	103	0.78	25	>35	
12CAR-01	39.01	42.06	3.05	2.95	97	0.87	29	>35	
12CAR-01	42.06	45.11	3.05	2.61	86	1.07	41	26	
12CAR-01	45.11	48.16	3.05	3.02	99	0.65	22	>35	
12CAR-01	48.16	51.21	3.05	3.18	104	0.78	25	>35	
12CAR-01	51.21	54.25	3.04	3.03	100	0.42	14	>35	
12CAR-01	54.25	57.30	3.05	2.88	94	1.14	40	28	
12CAR-01	57.30	60.35	3.05	3.04	100	1.19	39	>35	
12CAR-01	60.35	63.40	3.05	3.05	100	1.36	45	27	
12CAR-01	63.40	66.45	3.05	2.98	98	1.18	40	34	
12CAR-01	66.45	69.49	3.04	3.12	103	0.39	13	>35	
12CAR-01	69.49	72.54	3.05	3.04	100	2.10	69	22	
12CAR-01	72.54	75.59	3.05	2.95	97	1.03	35	32	
12CAR-01	75.59	78.64	3.05	3.05	100	2.36	77	33	
12CAR-01	78.64	81.69	3.05	3.05	100	2.04	67	20	
12CAR-01	81.69	84.73	3.04	3.04	100	2.16	71	23	
12CAR-01	84.73	87.78	3.05	3.06	100	1.94	63	26	
12CAR-01	87.78	90.83	3.05	2.94	96	1.70	58	27	
12CAR-01	90.83	93.88	3.05	3.01	99	1.64	54	29	
12CAR-01	93.88	96.93	3.05	2.96	97	0.69	23	>35	
12CAR-01	96.93	99.97	3.04	3.05	100	1.49	49	30	
12CAR-01	99.97	103.02	3.05	3.05	100	1.18	39	32	
12CAR-01	103.02	106.07	3.05	3.06	100	1.44	47	33	
12CAR-01	106.07	109.12	3.05	2.98	98	1.88	63	22	
12CAR-01	109.12	112.17	3.05	3.03	99	1.71	56	32	
12CAR-01	112.17	115.21	3.04	3.05	100	2.34	77	23	
12CAR-01	115.21	118.26	3.05	2.99	98	1.36	45	>35	
12CAR-01	118.26	121.31	3.05	3.01	99	1.99	66	18	
12CAR-01	EOH								
12CAR-02	4.57	5.18	0.61	0.00	0	0.00			
12CAR-02	5.18	8.23	3.05	2.95	97	0.29	10	>35	
12CAR-02	8.23	11.28	3.05	3.08	101	0.24	8	>35	
12CAR-02	11.28	14.33	3.05	2.95	97	0.26	9	>35	
12CAR-02	14.33	17.37	3.04	2.96	97	0.25	8	>35	
12CAR-02	17.37	20.42	3.05	3.05	100	0.12	4	>35	
12CAR-02	20.42	23.47	3.05	3.04	100	0.49	16	33	
12CAR-02	23.47	26.52	3.05	3.14	103	0.52	17	>35	
12CAR-02	26.52	29.57	3.05	3.00	98	0.40	13	>35	
12CAR-02	29.57	32.61	3.04	3.00	99	1.66	55	25	
12CAR-02	32.61	35.66	3.05	3.07	101	2.64	86	16	
12CAR-02	35.66	38.71	3.05	3.20	105	1.21	38	25	
12CAR-02	38.71	41.76	3.05	3.00	98	2.47	82	15	
12CAR-02	41.76	44.81	3.05	3.05	100	1.82	60	23	
12CAR-02	44.81	47.85	3.04	3.05	100	1.52	50	27	
12CAR-02	47.85	50.90	3.05	3.11	102	0.85	27	30	
12CAR-02	50.90	53.95	3.05	3.02	99	1.78	59	24	
12CAR-02	53.95	57.00	3.05	3.04	100	1.23	40	20	
12CAR-02	57.00	60.05	3.05	3.00	98	2.53	84	8	
12CAR-02	60.05	63.09	3.04	3.05	100	2.05	67	18	
12CAR-02	63.09	66.14	3.05	2.85	93	1.68	59	13	
12CAR-02	66.14	69.19	3.05	3.03	99	1.70	56	16	

HOLE ID	FROM (m)	TO (m)	INT (m)	REC (m)	REC %	RQD(m)	RQD %	Fractures	NOTES
12CAR-02	69.19	72.24	3.05	3.00	98	1.54	51	19	
12CAR-02	72.24	75.29	3.05	3.10	102	0.31	10	>35	
12CAR-02	75.29	78.33	3.05	3.05	100	0.17	6	>35	
12CAR-02	78.33	81.38	3.05	3.06	100	0.10	3	>35	
12CAR-02	81.38	84.43	3.05	3.00	98	0.20	7	>35	
12CAR-02	84.43	87.48	3.05	2.98	98	0.10	3	>35	
12CAR-02	87.48	90.53	3.05	3.12	102	0.20	6	33	
12CAR-02	90.53	93.57	3.05	3.04	100	1.31	43	30	
12CAR-02	93.57	96.62	3.05	3.01	99	1.48	49	31	
12CAR-02	96.62	99.67	3.05	3.03	99	1.48	49	34	
12CAR-02	99.67	102.72	3.05	3.00	98	1.49	50	30	
12CAR-02	EOH								
12CAR-03	0.00	5.49	5.49	3.36	61	1.30	39	33	
12CAR-03	5.49	8.53	3.04	2.80	92	1.00	36	34	
12CAR-03	8.53	11.58	3.05	3.17	104	1.05	33	32	
12CAR-03	11.58	14.63	3.05	2.83	93	0.56	20	>35	
12CAR-03	14.63	17.68	3.05	3.14	103	0.49	16	>35	
12CAR-03	17.68	20.73	3.05	3.06	100	1.06	35	>35	
12CAR-03	20.73	23.77	3.04	2.98	98	1.58	53	24	
12CAR-03	23.77	26.82	3.05	3.20	105	1.92	60	>35	
12CAR-03	26.82	29.87	3.05	3.06	100	1.71	56	23	
12CAR-03	29.87	32.92	3.05	2.92	96	2.30	79	10	
12CAR-03	32.92	35.97	3.05	2.72	89	1.84	68	15	
12CAR-03	35.97	39.01	3.04	2.98	98	2.53	85	14	
12CAR-03	39.01	42.06	3.05	3.08	101	2.27	74	18	
12CAR-03	42.06	45.11	3.05	2.94	96	0.82	28	>35	
12CAR-03	45.11	48.16	3.05	2.98	98	0.77	26	>35	
12CAR-03	48.16	51.21	3.05	3.12	102	0.71	23	>35	
12CAR-03	51.21	54.25	3.04	3.01	99	0.24	8	>35	
12CAR-03	54.25	57.30	3.05	3.04	100	0.00	0	>35	
12CAR-03	57.30	60.35	3.05	3.04	100	0.55	18	>35	
12CAR-03	60.35	63.40	3.05	3.06	100	0.24	8	>35	
12CAR-03	63.40	66.45	3.05	3.03	99	1.88	62	22	
12CAR-03	66.45	69.49	3.04	2.98	98	1.04	35	32	
12CAR-03	69.49	72.54	3.05	3.00	98	1.69	56	26	
12CAR-03	72.54	75.59	3.05	3.00	98	0.68	23	>35	Broken
12CAR-03	75.59	78.64	3.05	3.13	103	1.21	39	26	
12CAR-03	78.64	81.69	3.05	3.10	102	2.47	80	16	
12CAR-03	81.69	84.73	3.04	2.99	98	1.29	43	27	
12CAR-03	84.73	87.78	3.05	3.05	100	1.90	62	18	
12CAR-03	87.78	90.83	3.05	2.95	97	1.47	50	34	
12CAR-03	90.83	93.88	3.05	3.07	101	1.57	51	29	
12CAR-03	93.88	96.93	3.05	3.00	98	1.78	59	27	
12CAR-03	96.93	99.97	3.04	3.05	100	1.11	36	32	
12CAR-03	EOH								
12CAR-04	0.00	5.49	5.49	3.04	55	1.02	34	33	
12CAR-04	5.49	8.53	3.04	2.97	98	2.52	85	12	
12CAR-04	8.53	11.58	3.05	3.05	100	2.42	79	15	
12CAR-04	11.58	14.63	3.05	2.84	93	2.05	72	16	
12CAR-04	14.63	17.68	3.05	2.15	70	0.82	38	23	2' wash
12CAR-04	17.68	20.73	3.05	2.97	97	1.98	67	22	
12CAR-04	20.73	23.77	3.04	2.97	98	2.61	88	14	
12CAR-04	23.77	26.82	3.05	3.00	98	2.43	81	14	
12CAR-04	26.82	29.87	3.05	2.94	96	2.02	69	15	
12CAR-04	EOH								
12CAR-05	1.52	5.79	4.27	3.30	77	2.74	83	14	
12CAR-05	5.79	8.84	3.05	3.00	98	2.35	78	10	
12CAR-05	8.84	11.89	3.05	2.81	92	2.00	71	10	
12CAR-05	11.89	14.94	3.05	3.05	100	2.30	75	11	
12CAR-05	EOH								
12CAR-06	0.00	1.52	1.52	0.50	33	0.10	20	6	
12CAR-06	1.52	5.49	3.97	3.48	88	0.88	25	34	

HOLE ID	FROM (m)	TO (m)	INT (m)	REC (m)	REC %	RQD(m)	RQD %	Fractures	NOTES
12CAR-06	5.49	8.53	3.04	3.12	103	2.36	76	19	
12CAR-06	8.53	11.58	3.05	2.45	80	1.24	51	22	
12CAR-06	11.58	14.63	3.05	3.11	102	2.00	64	24	
12CAR-06	14.63	17.68	3.05	2.86	94	1.37	48	30	
12CAR-06	EOH								
12CAR-07	0.00	5.79	5.79	4.49	78	2.18	49	30	
12CAR-07	5.79	8.84	3.05	2.82	92	2.23	79	13	
12CAR-07	8.84	11.89	3.05	2.96	97	2.40	81	12	
12CAR-07	11.89	14.94	3.05	3.00	98	1.96	65	17	
12CAR-07	14.94	17.98	3.04	2.89	95	1.88	65	17	
12CAR-07	EOH								
12CAR-08	0.00	5.49	5.49	2.13	39	0.68	32	21	
12CAR-08	5.49	8.53	3.04	2.69	88	1.68	62	16	
12CAR-08	8.53	11.58	3.05	2.91	95	1.38	47	24	
12CAR-08	11.58	14.63	3.05	2.96	97	1.10	37	30	
12CAR-08	EOH								
12CAR-09	0.00	5.49	5.49	2.84	52	0.61	21	34	
12CAR-09	5.49	8.53	3.04	3.09	102	2.12	69	19	
12CAR-09	8.53	11.58	3.05	2.90	95	1.18	41	29	
12CAR-09	11.58	14.63	3.05	2.95	97	1.38	47	21	
12CAR-09	EOH								
12CAR-10	0.00	1.52	1.52	0.25	16	0.00	0	14	
12CAR-10	1.52	5.18	3.66	3.13	86	0.20	6	>35	
12CAR-10	5.18	8.23	3.05	2.96	97	1.00	34	>35	
12CAR-10	8.23	11.28	3.05	3.07	101	1.58	51	23	
12CAR-10	11.28	14.33	3.05	2.97	97	2.60	88	12	
12CAR-10	14.33	17.37	3.04	3.02	99	2.33	77	12	
12CAR-10	17.37	20.42	3.05	3.02	99	2.06	68	15	
12CAR-10	20.42	23.47	3.05	2.92	96	1.75	60	25	
12CAR-10	23.47	26.52	3.05	3.10	102	0.72	23	>35	Broken rock
12CAR-10	26.52	29.57	3.05	3.02	99	1.34	44	>35	Broken rock
12CAR-10	29.57	32.61	3.04	3.00	99	1.81	60	18	
12CAR-10	32.61	35.66	3.05	2.93	96	1.93	66	22	
12CAR-10	35.66	38.71	3.05	2.94	96	1.65	56	23	
12CAR-10	38.71	41.76	3.05	3.02	99	1.22	40	22	
12CAR-10	41.76	44.81	3.05	2.95	97	2.16	73	12	
12CAR-10	44.81	47.85	3.04	2.96	97	2.20	74	13	
12CAR-10	EOH								
12CAR-11	0.00	1.52	1.52	0.24	16	0.00	0	12	
12CAR-11	1.52	5.49	3.97	2.77	70	0.00	0	>35	
12CAR-11	5.49	8.53	3.04	3.02	99	0.36	12	>35	
12CAR-11	8.53	11.58	3.05	3.12	102	1.75	56	18	
12CAR-11	11.58	14.63	3.05	3.00	98	1.22	41	25	
12CAR-11	14.63	17.68	3.05	3.10	102	2.13	69	10	
12CAR-11	17.68	20.73	3.05	3.04	100	2.24	74	10	
12CAR-11	20.73	23.77	3.04	3.04	100	2.40	79	14	
12CAR-11	23.77	26.82	3.05	3.00	98	1.90	63	15	
12CAR-11	26.82	29.87	3.05	3.00	98	2.23	74	17	
12CAR-11	29.87	32.92	3.05	3.10	102	2.53	82	14	
12CAR-11	EOH		#VALUE!		#VALUE!		#DIV/0!		
12CAR-12	0.00	5.49	5.49	2.10	38	0.00	0	>35	
12CAR-12	5.49	8.53	3.04	3.19	105	0.99	31	>35	
12CAR-12	8.53	11.58	3.05	3.04	100	1.51	50	24	
12CAR-12	11.58	14.63	3.05	3.04	100	2.37	78	12	
12CAR-12	14.63	17.68	3.05	3.13	103	1.52	49	21	
12CAR-12	17.68	20.73	3.05	2.96	97	2.47	83	15	
12CAR-12	20.73	23.77	3.04	3.20	105	1.28	40	26	
12CAR-12	23.77	26.82	3.05	3.04	100	1.63	54	22	
12CAR-12	26.82	29.87	3.05	3.10	102	2.34	75	23	
12CAR-12	EOH								
12CAR-13	0.00	1.52	1.52	0.29	19	0.00	0	12	
12CAR-13	1.52	5.49	3.97	3.20	81	0.22	7	>35	

HOLE ID	FROM (m)	TO (m)	INT (m)	REC (m)	REC %	RQD(m)	RQD %	Fractures	NOTES
12CAR-13	5.49	8.53	3.04	2.97	98	1.74	59	31	
12CAR-13	8.53	11.58	3.05	3.01	99	2.54	84	13	
12CAR-13	11.58	14.63	3.05	2.88	94	1.90	66	16	
12CAR-13	14.63	17.68	3.05	2.85	93	1.75	61	15	
12CAR-13	17.68	20.73	3.05	3.30	108	1.98	60	23	
12CAR-13	20.73	23.77	3.04	2.97	98	2.05	69	17	
12CAR-13	23.77	26.82	3.05	2.97	97	1.79	60	13	
12CAR-13	26.82	29.87	3.05	3.13	103	2.56	82	21	
12CAR-13	29.87	32.92	3.05	2.54	83	1.72	68	21	
12CAR-13	EOH								
12CAR-14	0.00	1.52	1.52	0.49	32	0.00	0	11	
12CAR-14	1.52	5.49	3.97	3.14	79	0.00	0	>35	
12CAR-14	5.49	8.53	3.04	3.35	110	0.52	16	>35	
12CAR-14	8.53	11.58	3.05	2.96	97	1.79	60	19	
12CAR-14	11.58	14.63	3.05	3.10	102	1.73	56	20	
12CAR-14	14.63	17.68	3.05	2.92	96	1.90	65	14	
12CAR-14	17.68	20.73	3.05	3.18	104	2.04	64	14	
12CAR-14	20.73	23.77	3.04	2.92	96	1.34	46	16	
12CAR-14	23.77	26.82	3.05	2.95	97	0.98	33	31	
12CAR-14	26.82	29.87	3.05	3.16	104	1.87	59	25	
12CAR-14	29.87	32.92	3.05	2.20	72	0.54	25	26	
12CAR-14	32.92	35.97	3.05	3.10	102	1.55	50	24	
12CAR-14	EOH								
12CAR-15	0.00	1.52	1.52	0.34	22	0.00	0	12	
12CAR-15	1.52	5.49	3.97	2.37	60	0.00	0	>35	
12CAR-15	5.49	8.53	3.04	2.72	89	0.59	22	33	
12CAR-15	8.53	11.58	3.05	2.53	83	1.40	55	20	
12CAR-15	11.58	14.63	3.05	3.17	104	2.66	84	9	
12CAR-15	14.63	17.68	3.05	3.12	102	1.49	48	19	
12CAR-15	17.68	20.73	3.05	3.17	104	1.94	61	19	
12CAR-15	20.73	23.77	3.04	3.18	105	2.33	73	14	
12CAR-15	23.77	26.82	3.05	3.12	102	1.60	51	21	
12CAR-15	26.82	29.87	3.05	3.14	103	1.99	63	19	
12CAR-15	29.87	31.39	1.52	1.32	87	0.72	55	8	
12CAR-15	EOH								
12CAR-16	1.52	5.49	3.97	3.13	79	1.25	40	29	
12CAR-16	5.49	8.53	3.04	2.86	94	1.58	55	24	
12CAR-16	8.53	11.58	3.05	3.11	102	1.63	52	21	
12CAR-16	11.58	14.63	3.05	3.18	104	2.07	65	18	
12CAR-16	14.63	17.68	3.05	3.15	103	1.44	46	22	
12CAR-16	17.68	20.73	3.05	3.17	104	0.89	28	27	
12CAR-16	20.73	23.77	3.04	2.71	89	0.82	30	23	
12CAR-16	23.77	26.82	3.05	2.81	92	1.19	42	22	
12CAR-16	26.82	29.87	3.05	2.98	98	1.77	59	21	
12CAR-16	29.87	32.92	3.05	3.00	98	1.84	61	28	
12CAR-16	32.92	35.97	3.05	3.07	101	1.20	39	23	
12CAR-16	EOH								
12CAR-17	0.00	1.52	1.52	0.22	14	0.00	0	6	
12CAR-17	1.52	5.49	3.97	3.17	80	1.24	39	34	
12CAR-17	5.49	8.53	3.04	3.13	103	1.60	51	19	
12CAR-17	8.53	11.58	3.05	2.95	97	1.47	50	17	
12CAR-17	11.58	14.63	3.05	3.13	103	1.45	46	19	
12CAR-17	14.63	17.68	3.05	3.12	102	1.50	48	28	
12CAR-17	17.68	20.73	3.05	3.17	104	1.21	38	19	
12CAR-17	20.73	23.77	3.04	2.81	92	0.82	29	>35	
12CAR-17	23.77	26.82	3.05	2.68	88	1.19	44	23	
12CAR-17	26.82	29.87	3.05	3.12	102	1.74	56	22	
12CAR-17	EOH								
12CAR-18	0.00	1.52	1.52	0.32	21	0.10	31	4	
12CAR-18	1.52	5.18	3.66	3.31	90	0.58	18	>35	
12CAR-18	5.18	8.23	3.05	3.11	102	1.21	39	32	
12CAR-18	8.23	11.28	3.05	2.95	97	1.74	59	19	

HOLE ID	FROM (m)	TO (m)	INT (m)	REC (m)	REC %	RQD(m)	RQD %	Fractures	NOTES
12CAR-18	11.28	14.33	3.05	2.98	98	1.21	41	43	
12CAR-18	14.33	17.37	3.04	3.10	102	1.23	40	34	
12CAR-18	17.37	20.42	3.05	3.00	98	1.10	37	26	
12CAR-18	20.42	23.47	3.05	3.05	100	1.64	54	26	
12CAR-18	23.47	26.52	3.05	2.97	97	1.46	49	27	
12CAR-18	26.52	29.57	3.05	2.95	97	1.43	48	24	
12CAR-18	29.57	32.61	3.04	3.01	99	1.92	64	21	
12CAR-18	EOH								
12CAR-19	0.00	1.52	1.52	0.26	17	0.00	0	0	
12CAR-19	1.52	5.49	3.97	2.98	75	1.35	45	10	
12CAR-19	5.49	8.53	3.04	3.24	107	1.52	47	25	
12CAR-19	8.53	11.58	3.05	3.10	102	1.59	51	25	
12CAR-19	11.58	14.63	3.05	3.02	99	1.28	42	25	
12CAR-19	14.63	17.68	3.05	2.90	95	1.92	66	30	
12CAR-19	17.68	20.73	3.05	3.00	98	1.56	52	18	
12CAR-19	20.73	23.77	3.04	2.95	97	1.99	67	24	
12CAR-19	23.77	26.82	3.05	2.58	85	0.79	31	32	
12CAR-19	26.82	29.87	3.05	2.38	78	1.28	54	23	
12CAR-19	29.87	32.92	3.05	3.02	99	1.09	36	15	
12CAR-19	EOH								
12CAR-20	1.52	5.49	3.97	3.15	79	1.48	47	17	
12CAR-20	5.49	8.53	3.04	2.63	87	0.88	33	32	
12CAR-20	8.53	11.58	3.05	3.00	98	1.65	55	28	
12CAR-20	11.58	14.63	3.05	3.18	104	0.47	15	25	
12CAR-20	14.63	17.68	3.05	3.04	100	1.37	45	>35	
12CAR-20	17.68	20.73	3.05	3.01	99	1.34	45	33	
12CAR-20	20.73	23.77	3.04	2.95	97	1.71	58	28	
12CAR-20	23.77	26.82	3.05	3.25	107	0.72	22	24	
12CAR-20	26.82	29.87	3.05	3.12	102	1.55	50	27	
12CAR-20	EOH								
12CAR-21	1.52	5.49	3.97	3.22	81	1.58	49	>35	
12CAR-21	5.49	8.53	3.04	3.16	104	2.01	64	19	
12CAR-21	8.53	11.58	3.05	2.82	92	1.71	61	16	
12CAR-21	11.58	14.63	3.05	3.12	102	1.79	57	21	
12CAR-21	14.63	17.68	3.05	3.05	100	1.72	56	24	
12CAR-21	17.68	20.73	3.05	1.87	61	0.62	33	19	3' wash
12CAR-21	20.73	23.77	3.04	2.83	93	1.09	39	26	
12CAR-21	23.77	26.82	3.05	2.42	79	1.32	55	25	
12CAR-21	26.82	29.87	3.05	2.88	94	1.00	35	30	
12CAR-21	29.87	32.92	3.05	3.13	103	1.88	60	26	
12CAR-21	EOH								
12CAR-22	1.29	1.52	0.23	0.23	100	0.00	0	12	
12CAR-22	1.52	5.49	3.97	3.49	88	0.40	11	>35	
12CAR-22	5.49	8.53	3.04	3.10	102	0.22	7	>35	
12CAR-22	8.53	11.58	3.05	2.87	94	0.85	30	>35	
12CAR-22	11.58	14.63	3.05	3.16	104	0.75	24	>35	
12CAR-22	14.63	17.68	3.05	2.86	94	0.66	23	33	
12CAR-22	17.68	20.73	3.05	2.90	95	1.85	64	19	
12CAR-22	20.73	23.77	3.04	2.98	98	1.63	55	29	
12CAR-22	23.77	26.82	3.05	3.08	101	1.64	53	24	
12CAR-22	26.82	29.87	3.05	3.14	103	1.26	40	34	
12CAR-22	29.87	32.92	3.05	3.09	101	2.25	73	15	
12CAR-22	32.92	35.97	3.05	3.06	100	1.73	57	19	
12CAR-22	35.97	39.01	3.04	2.94	97	2.14	73	18	
12CAR-22	39.01	42.06	3.05	3.03	99	1.54	51	23	
12CAR-22	42.06	45.11	3.05	3.14	103	2.42	77	17	
12CAR-22	45.11	48.16	3.05	3.01	99	2.03	67	19	
12CAR-22	48.16	51.21	3.05	3.00	98	1.55	52	28	
12CAR-22	EOH								
12CAR-23	1.29	1.52	0.23	0.23	100	0.00	0	10	
12CAR-23	1.52	5.49	3.97	3.44	87	0.52	15	>35	
12CAR-23	5.49	8.53	3.04	3.20	105	0.62	19	33	

HOLE ID	FROM (m)	TO (m)	INT (m)	REC (m)	REC %	RQD(m)	RQD %	Fractures	NOTES
12CAR-23	8.53	11.58	3.05	2.95	97	0.83	28	32	
12CAR-23	11.58	14.63	3.05	2.86	94	0.98	34	34	
12CAR-23	14.63	17.68	3.05	2.77	91	0.97	35	>35	
12CAR-23	17.68	20.73	3.05	2.93	96	1.02	35	>35	
12CAR-23	20.73	23.77	3.04	2.81	92	1.94	69	24	
12CAR-23	23.77	26.82	3.05	2.51	82	1.43	57	25	
12CAR-23	26.82	29.87	3.05	3.14	103	1.37	44	29	
12CAR-23	29.87	32.92	3.05	2.99	98	1.60	54	23	
12CAR-23	32.92	35.97	3.05	2.94	96	2.08	71	17	
12CAR-23	35.97	39.01	3.04	3.00	99	2.12	71	13	
12CAR-23	39.01	42.06	3.05	2.94	96	1.49	51	26	
12CAR-23	42.06	45.11	3.05	3.08	101	2.13	69	17	
12CAR-23	45.11	47.85	2.74	2.78	101	2.08	75	17	
12CAR-23	EOH								
12CAR-24	4.40	4.57	0.17	0.17	100	0.00	0	4	
12CAR-24	4.57	5.49	0.92	0.66	72	0.00	0	22	
12CAR-24	5.49	8.53	3.04	3.37	111	0.35	10	>35	
12CAR-24	8.53	11.58	3.05	2.92	96	0.62	21	>35	
12CAR-24	11.58	14.63	3.05	3.08	101	0.00	0	>35	
12CAR-24	14.63	17.68	3.05	3.20	105	0.58	18	>35	
12CAR-24	17.68	20.73	3.05	3.26	107	0.51	16	30	Broken Rock
12CAR-24	20.73	23.77	3.04	3.16	104	1.67	53	34	
12CAR-24	23.77	26.82	3.05	3.11	102	0.92	30	33	
12CAR-24	26.82	29.87	3.05	3.10	102	1.66	54	34	
12CAR-24	29.87	32.92	3.05	3.12	102	1.80	58	26	
12CAR-24	EOH								
12CAR-25	4.40	4.57	0.17	0.17	100	0.00	0	6	
12CAR-25	4.57	8.23	3.66	3.41	93	0.00	0	>35	
12CAR-25	8.23	11.28	3.05	2.99	98	0.22	7	>35	
12CAR-25	11.28	14.33	3.05	3.16	104	0.34	11	>35	
12CAR-25	14.33	17.37	3.04	3.25	107	0.46	14	>35	
12CAR-25	17.37	20.42	3.05	3.09	101	0.70	23	>35	
12CAR-25	20.42	23.47	3.05	2.96	97	0.25	8	>35	
12CAR-25	23.47	26.52	3.05	3.12	102	1.31	42	30	
12CAR-25	26.52	29.57	3.05	3.14	103	1.80	57	32	
12CAR-25	29.57	32.61	3.04	2.99	98	1.82	61	27	
12CAR-25	EOH								
12CAR-26	4.65	4.88	0.23	0.23	100	0.00	0	6	
12CAR-26	4.88	5.49	0.61	0.52	85	0.00	0	12	
12CAR-26	5.49	8.53	3.04	3.16	104	0.29	9	>35	
12CAR-26	8.53	11.58	3.05	3.08	101	1.20	39	>35	
12CAR-26	11.58	14.63	3.05	3.10	102	0.56	18	>35	
12CAR-26	14.63	17.68	3.05	2.85	93	1.34	47	34	
12CAR-26	17.68	20.73	3.05	3.29	108	1.43	43	34	
12CAR-26	20.73	23.77	3.04	3.07	101	2.20	72	29	
12CAR-26	23.77	26.82	3.05	2.88	94	0.59	20	28	
12CAR-26	26.82	29.87	3.05	2.59	85	0.99	38	34	
12CAR-26	29.87	32.92	3.05	2.74	90	1.35	49	31	
12CAR-26	32.92	35.97	3.05	3.09	101	1.98	64	26	
12CAR-26	35.97	39.01	3.04	3.12	103	1.54	49	29	
12CAR-26	39.01	42.06	3.05	2.97	97	0.92	31	30	
12CAR-26	42.06	45.11	3.05	3.06	100	2.41	79	20	
12CAR-26	45.11	48.16	3.05	3.05	100	2.47	81	14	
12CAR-26	EOH								
12CAR-27	2.65	3.05	0.40	0.40	100	0.00	0	14	
12CAR-27	3.05	5.18	2.13	2.07	97	0.58	28	27	
12CAR-27	5.18	8.23	3.05	2.74	90	0.85	31	30	
12CAR-27	8.23	11.28	3.05	2.96	97	1.20	41	34	
12CAR-27	11.28	14.33	3.05	3.05	100	1.39	46	29	
12CAR-27	14.33	17.37	3.04	3.01	99	0.69	23	34	
12CAR-27	17.37	20.42	3.05	3.04	100	0.67	22	>35	
12CAR-27	20.42	23.47	3.05	3.14	103	0.47	15	>35	

HOLE ID	FROM (m)	TO (m)	INT (m)	REC (m)	REC %	RQD(m)	RQD %	Fractures	NOTES
12CAR-27	23.47	26.52	3.05	3.04	100	0.38	13	>35	
12CAR-27	26.52	29.57	3.05	3.11	102	0.14	5	>35	
12CAR-27	29.57	32.61	3.04	2.95	97	0.22	7	>35	
12CAR-27	32.61	35.66	3.05	3.14	103	0.14	4	>35	
12CAR-27	35.66	38.71	3.05	3.04	100	0.00	0	>35	
12CAR-27	38.71	41.76	3.05	2.88	94	0.14	5	>35	
12CAR-27	41.76	44.81	3.05	3.11	102	0.00	0	>35	
12CAR-27	44.81	47.85	3.04	3.02	99	0.45	15	>35	
12CAR-27	47.85	50.90	3.05	3.03	99	0.00	0	>35	
12CAR-27	50.90	53.95	3.05	3.00	98	0.56	19	>35	
12CAR-27	53.95	57.00	3.05	3.12	102	0.30	10	>35	
12CAR-27	57.00	60.05	3.05	3.15	103	0.40	13	>35	
12CAR-27	60.05	63.09	3.04	3.06	101	1.68	55	27	
12CAR-27	63.09	66.14	3.05	3.02	99	1.24	41	24	
12CAR-27	66.14	69.19	3.05	2.96	97	0.54	18	34	
12CAR-27	69.19	72.24	3.05	2.99	98	0.96	32	30	
12CAR-27	72.24	75.29	3.05	3.03	99	2.08	69	26	
12CAR-27	75.29	78.33	3.05	2.89	95	1.57	54	21	
12CAR-27	78.33	81.38	3.05	3.06	100	2.36	77	14	
12CAR-27	81.38	84.43	3.05	2.97	97	2.48	84	15	
12CAR-27	84.43	87.48	3.05	3.01	99	1.86	62	17	
12CAR-27	87.48	90.53	3.05	3.01	99	2.76	92	9	
12CAR-27	90.53	93.57	3.05	3.03	99	2.77	91	8	
12CAR-27	93.57	96.62	3.05	3.07	101	2.63	86	12	
12CAR-27	96.62	99.67	3.05	3.05	100	2.10	69	21	
12CAR-27	99.67	102.72	3.05	3.05	100	2.36	77	13	
12CAR-27	102.72	105.77	3.05	3.00	98	2.70	90	10	
12CAR-27	105.77	108.81	3.05	3.00	98	2.14	71	16	
12CAR-27	108.81	111.86	3.05	3.05	100	0.60	20	>35	
12CAR-27	111.86	114.91	3.05	3.13	103	0.36	12	>35	
12CAR-27	114.91	117.96	3.05	3.09	101	0.52	17	>35	
12CAR-27	117.96	121.01	3.05	3.02	99	0.48	16	>35	
12CAR-27	EOH								
12CAR-28	2.97	3.05	0.08	0.08	100	0.00	0	4	
12CAR-28	3.05	5.18	2.13	1.77	83	0.00	0	>35	
12CAR-28	5.18	8.23	3.05	2.89	95	0.00	0	>35	
12CAR-28	8.23	11.28	3.05	3.03	99	0.17	6	>35	
12CAR-28	11.28	14.33	3.05	3.27	107	0.00	0	>35	
12CAR-28	14.33	17.37	3.04	2.79	92	0.77	28	>35	
12CAR-28	17.37	20.42	3.05	3.29	108	0.13	4	>35	
12CAR-28	20.42	23.47	3.05	2.91	95	0.82	28	>35	
12CAR-28	23.47	26.52	3.05	2.99	98	0.72	24	>35	
12CAR-28	26.52	29.57	3.05	3.02	99	1.38	46	34	
12CAR-28	29.57	32.61	3.04	3.01	99	1.39	46	>35	
12CAR-28	32.61	35.66	3.05	2.91	95	1.27	44	35	
12CAR-28	35.66	38.71	3.05	2.80	92	0.23	8	>35	
12CAR-28	38.71	41.76	3.05	3.07	101	1.60	52	32	
12CAR-28	41.76	44.81	3.05	3.03	99	1.73	57	>35	
12CAR-28	44.81	47.85	3.04	3.00	99	0.84	28	>35	
12CAR-28	47.85	50.90	3.05	3.00	98	1.03	34	>35	
12CAR-28	50.90	53.95	3.05	3.08	101	0.47	15	>35	
12CAR-28	53.95	57.00	3.05	3.11	102	0.94	30	>35	
12CAR-28	57.00	60.05	3.05	2.72	89	0.27	10	>35	
12CAR-28	60.05	63.09	3.04	3.12	103	0.23	7	>35	
12CAR-28	63.09	66.14	3.05	2.95	97	0.68	23	>35	
12CAR-28	66.14	69.19	3.05	2.77	91	1.74	63	22	
12CAR-28	69.19	72.24	3.05	2.98	98	1.00	34	>35	
12CAR-28	72.24	75.29	3.05	2.98	98	2.26	76	10	
12CAR-28	75.29	78.33	3.05	3.08	101	1.56	51	29	
12CAR-28	78.33	81.38	3.05	2.85	94	0.92	32	>35	
12CAR-28	81.38	84.43	3.05	3.02	99	0.42	14	>35	
12CAR-28	84.43	87.48	3.05	2.88	94	1.68	58	30	

HOLE ID	FROM (m)	TO (m)	INT (m)	REC (m)	REC %	RQD(m)	RQD %	Fractures	NOTES
12CAR-28	87.48	90.53	3.05	3.01	99	1.39	46	>35	
12CAR-28	90.53	93.57	3.05	3.08	101	0.62	20	>35	
12CAR-28	93.57	96.62	3.05	3.13	103	1.15	37	>35	
12CAR-28	96.62	99.67	3.05	3.09	101	1.50	49	>35	
12CAR-28	99.67	102.72	3.05	2.70	89	0.74	27	>35	
12CAR-28	102.72	105.77	3.05	3.04	100	1.43	47	>35	
12CAR-28	105.77	108.81	3.05	2.83	93	1.40	49	>35	
12CAR-28	108.81	111.86	3.05	3.05	100	0.88	29	>35	
12CAR-28	111.86	114.91	3.05	3.06	100	0.87	28	>35	
12CAR-28	114.91	117.96	3.05	3.11	102	1.85	59	33	
12CAR-28	117.96	121.01	3.05	2.89	95	1.36	47	32	
12CAR-28	121.01	124.05	3.04	3.17	104	0.79	25	>35	
12CAR-28	124.05	127.10	3.05	2.96	97	0.92	31	>35	
12CAR-28	127.10	130.15	3.05	3.10	102	1.86	60	25	
12CAR-28	130.15	133.20	3.05	2.93	96	2.19	75	>35	
12CAR-28	133.20	136.25	3.05	2.99	98	1.22	41	>35	
12CAR-28	136.25	139.29	3.04	2.97	98	0.44	15	>35	
12CAR-28	139.29	142.34	3.05	1.92	63	0.00	0	>35	ruble
12CAR-28	142.34	145.39	3.05	2.36	77	0.00	0	>35	
12CAR-28	145.39	148.44	3.05	0.10	3	0.00	0	>35	9.5wash
12CAR-28	148.44	151.49	3.05	0.10	3	0.00	0	>35	9.5wash
12CAR-28	151.49	153.62	2.13	0.77	36	0.00	0	>35	block
12CAR-28	153.62	156.06	2.44	2.00	82	0.10	5	>35	ruble
12CAR-28	EOH								
12CAR-29	4.57	5.18	0.61	1.02	167	0.40	39	16	
12CAR-29	5.18	8.23	3.05	0.17	6	0.00	0	10	
12CAR-29	8.23	11.28	3.05	0.70	23	0.14	20	>35	
12CAR-29	11.28	14.33	3.05	1.55	51	0.72	46	>35	
12CAR-29	14.33	17.37	3.04	3.09	102	1.13	37	>35	
12CAR-29	17.37	19.35	1.98	1.74	88	0.28	16	>35	
12CAR-29	19.35	22.86	3.51	1.92	55	0.00	0	>35	
12CAR-29	22.86	25.76	2.90	2.55	88	0.00	0	>35	
12CAR-29	25.76	26.52	0.76	0.80	105	0.28	35	12	
12CAR-29	26.52	29.57	3.05	3.06	100	1.50	49	>35	
12CAR-29	29.57	32.61	3.04	2.95	97	0.98	33	31	
12CAR-29	32.61	35.66	3.05	2.89	95	0.47	16	>35	
12CAR-29	35.66	38.71	3.05	2.90	95	0.22	8	>35	
12CAR-29	38.71	41.76	3.05	3.04	100	0.15	5	>35	
12CAR-29	41.76	44.81	3.05	2.70	89	0.58	21	>35	
12CAR-29	44.81	47.85	3.04	2.96	97	1.07	36	23	
12CAR-29	47.85	50.90	3.05	2.99	98	1.15	38	34	
12CAR-29	50.90	53.95	3.05	3.06	100	1.36	44	32	
12CAR-29	53.95	57.00	3.05	2.99	98	1.77	59	23	
12CAR-29	57.00	60.05	3.05	3.05	100	2.70	89	8	
12CAR-29	60.05	63.09	3.04	3.10	102	1.25	40	24	
12CAR-29	63.09	66.14	3.05	2.86	94	0.62	22	>35	
12CAR-29	66.14	69.19	3.05	2.84	93	0.91	32	>35	
12CAR-29	69.19	72.24	3.05	2.81	92	1.38	49	17	
12CAR-29	72.24	75.29	3.05	3.10	102	1.99	64	20	
12CAR-29	75.29	78.33	3.04	2.92	96	1.34	46	26	
12CAR-29	78.33	81.38	3.05	3.00	98	0.65	22	>35	
12CAR-29	81.38	84.43	3.05	2.84	93	1.92	68	15	
12CAR-29	84.43	87.48	3.05	2.92	96	1.76	60	22	
12CAR-29	87.48	90.53	3.05	3.05	100	1.40	46	20	
12CAR-29	90.53	93.57	3.04	3.06	101	1.82	59	16	
12CAR-29	93.57	96.62	3.05	3.14	103	1.75	56	14	
12CAR-29	96.62	99.67	3.05	3.09	101	2.42	78	10	
12CAR-29	99.67	102.72	3.05	2.92	96	2.30	79	16	
12CAR-29	102.72	105.77	3.05	3.15	103	1.31	42	28	
12CAR-29	105.77	108.81	3.04	2.95	97	1.74	59	22	
12CAR-29	108.81	111.86	3.05	2.86	94	0.82	29	>35	
12CAR-29	111.86	114.91	3.05	3.12	102	0.94	30	>35	

HOLE ID	FROM (m)	TO (m)	INT (m)	REC (m)	REC %	RQD(m)	RQD %	Fractures	NOTES
12CAR-29	114.91	117.96	3.05	2.90	95	0.93	32	32	
12CAR-29	117.96	121.01	3.05	3.04	100	0.89	29	>35	
12CAR-29	121.01	124.05	3.04	2.88	95	0.66	23	>35	
12CAR-29	124.05	127.10	3.05	3.06	100	2.51	82	17	
12CAR-29	EOH								

CDN Resource Laboratories Ltd.

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

STANDARD REFERENCE MATERIAL: CDN-CM-11A

Recommended values and the "Between Lab" Two Standard Deviations

Gold	***1.014 g/t ± 0.106 g/t***	***Certified value***
Copper	***0.332 % ± 0.012 %***	***Certified value***
Molybdenum	***0.038 % ± 0.004 %***	***Certified value***

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 10, 2011

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-CM-11A was prepared using a North American calc-alkalic copper-gold-molybdenum porphyry ore. It is derived from altered granodiorite, mafic to intermediate volcanic and volcaniclastic sedimentary rocks. Mineralization is principally pyrite, chalcopyrite and molybdenite that occurs in veins, stockworks and disseminations. 705 kg of this ore was blended with 8 kg of a Cu-Au-Mo concentrate.

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 blender. Splits were taken and sent to 15 commercial laboratories for round robin assaying.

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

	Percent			Percent
SiO2	74.1		MgO	1.3
Al2O3	9.8		K2O	1.1
Fe2O3	5.3		TiO2	0.4
CaO	2.3		LOI	1.7
Na2O	2.7		S	0.4
C	0.1			

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.

CDN Resource Laboratories Ltd.

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

STANDARD REFERENCE MATERIAL: CDN-CM-12

Recommended values and the "Between Lab" Two Standard Deviations

Gold: ***0.686 ± 0.072 g/t***
Copper: ***0.917 ± 0.044 %***
Molybdenum: ***0.112 ± 0.012 %***

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: January 31, 2011

ORIGIN OF REFERENCE MATERIAL:

Standard CDN-CM-12 was prepared using a North American calc-alkalic copper-gold-molybdenum porphyry ore. It is derived from altered granodiorite, mafic to intermediate volcanic and volcaniclastic sedimentary rocks. Mineralization is principally pyrite, chalcopyrite and molybdenite that occurs in veins, stockworks and disseminations. 710 kg of this ore was blended with 20 kg of a Cu-Au-Mo concentrate.

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 blender. Splits were taken and sent to 15 commercial laboratories for round robin assaying.

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

	Percent			Percent
SiO2	61.6		MgO	2.5
Al2O3	14.1		K2O	4.2
Fe2O3	7.9		TiO2	0.6
CaO	2.4		LOI	3.1
Na2O	2.1		S	2.0
C	0.3			

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.

Results from round-robin assaying are displayed on the following page.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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

Submitted By: Tim Andrew
Receiving Lab: Canada-Vancouver
Received: October 22, 2012
Report Date: October 27, 2012
Page: 1 of 4

CERTIFICATE OF ANALYSIS VAN12005013.1

CLIENT JOB INFORMATION

Project: Cariboo
Shipment ID: 12 Excal-1
P.O. Number
Number of Samples: 77

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	74	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX2	77	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
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.

ADDITIONAL COMMENTS

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

CC: Perry Grunenberg
Andrew Roberts

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

Project: Cariboo
Report Date: October 27, 2012

CERTIFICATE OF ANALYSIS VAN12005013.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
G1	Prep Blank	<0.01	<0.1	1.6	4.8	51	<0.1	3.8	4.5	598	1.96	<0.5	2.6	5.2	59	<0.1	<0.1	0.1	35	0.46	0.079
G1	Prep Blank	<0.01	0.1	1.6	7.5	53	<0.1	4.2	4.4	589	1.96	<0.5	2.8	5.2	59	<0.1	<0.1	0.1	35	0.46	0.076
2098351	Drill Core	2.98	<0.1	15.4	11.9	57	<0.1	5.5	10.0	932	2.12	1.4	1.8	2.6	148	0.1	0.2	<0.1	11	2.42	0.102
2098352	Drill Core	4.25	0.2	57.7	28.0	119	<0.1	10.1	12.9	1035	2.13	2.0	0.7	2.5	137	0.3	0.2	0.1	15	2.94	0.125
2098353	Drill Core	3.12	<0.1	15.8	7.1	76	<0.1	18.0	21.9	1361	2.95	5.9	<0.5	1.5	151	0.2	0.5	<0.1	52	3.07	0.177
2098354	Drill Core	4.75	1.0	116.9	24.3	135	0.3	28.8	22.0	1236	3.86	15.0	19.4	1.2	169	0.4	0.6	<0.1	31	4.03	0.154
2098355	Drill Core	4.61	0.3	147.4	6.5	69	0.2	13.9	22.5	1464	4.25	3.9	11.3	2.0	189	0.2	1.0	<0.1	36	4.83	0.178
2098356	Drill Core	2.17	0.3	14.6	27.1	147	<0.1	3.7	10.1	1089	2.36	1.1	39.7	1.9	157	0.3	0.4	<0.1	9	4.17	0.099
2098357	Drill Core	0.56	0.6	5.7	9.2	36	<0.1	3.3	14.4	1481	2.23	1.5	13.2	1.3	122	0.3	0.3	0.1	5	6.11	0.085
2098358	Drill Core	4.23	0.3	19.2	14.0	79	<0.1	3.1	9.2	1027	2.20	1.3	2.0	2.1	199	0.2	0.4	<0.1	9	4.17	0.099
2098359	Drill Core	1.61	0.2	100.5	7.1	72	0.2	42.8	23.1	1321	3.41	2.7	3.0	1.7	352	0.3	1.3	<0.1	21	5.98	0.136
2098360	Rock Chip	0.33	<0.1	2.0	12.5	89	<0.1	3.3	4.1	521	1.79	<0.5	1.8	5.2	59	<0.1	<0.1	<0.1	34	0.58	0.073
2098361	Drill Core	3.34	0.9	161.2	6.7	77	0.3	18.9	26.9	1553	4.33	2.5	5.9	2.2	168	0.1	0.5	<0.1	41	5.55	0.185
2098362	Drill Core	5.11	1.3	142.2	34.3	220	0.2	23.7	25.3	1593	4.48	3.4	6.8	1.5	253	0.4	0.5	<0.1	41	5.39	0.168
2098363	Drill Core	0.75	0.7	169.8	9.1	65	0.3	15.5	25.2	1748	3.83	2.2	8.5	1.7	141	0.2	0.7	<0.1	24	4.51	0.180
2098364	Drill Core	4.67	0.6	95.0	5.8	65	0.2	15.7	23.6	1581	4.30	2.0	4.6	1.5	191	0.2	0.6	<0.1	31	4.77	0.169
2098365	Drill Core	0.74	0.4	293.8	47.2	237	0.2	68.6	35.4	1968	4.62	2.6	2.0	0.9	344	0.9	1.5	<0.1	40	6.70	0.122
2098366	Drill Core	5.09	0.3	49.4	31.9	129	0.2	68.3	33.1	1403	4.92	3.7	5.4	0.9	465	0.5	0.7	<0.1	45	7.17	0.129
2098367	Drill Core	5.24	0.8	111.8	7.0	56	0.3	10.8	22.3	1533	4.32	3.3	12.0	1.8	569	0.2	0.7	<0.1	29	5.00	0.175
2098368	Rock Pulp	0.05	355.5	3348	23.7	52	1.8	31.7	8.5	437	3.08	13.3	783.6	1.2	36	0.2	3.5	0.6	49	0.72	0.047
2098369	Drill Core	1.12	0.4	9.7	34.2	139	<0.1	34.5	33.4	1785	5.36	6.7	5.8	0.9	356	0.6	1.3	<0.1	38	7.28	0.134
2098370	Drill Core	4.79	0.1	58.1	6.9	59	0.2	12.9	15.2	1171	2.94	2.7	5.2	1.8	236	0.1	0.5	<0.1	19	4.38	0.107
2098371	Drill Core	4.73	0.1	31.7	13.4	96	0.1	8.5	9.9	1020	2.48	4.0	5.2	2.5	194	0.2	0.6	<0.1	12	3.83	0.101
2098372	Drill Core	3.89	0.2	58.2	46.9	140	<0.1	8.2	21.9	1410	3.55	4.9	<0.5	1.7	139	0.9	0.5	<0.1	46	4.69	0.157
2098373	Drill Core	5.10	0.7	248.6	24.9	182	0.2	11.6	21.8	1641	3.99	9.0	1.9	1.5	176	1.2	2.3	<0.1	44	4.82	0.156
2098374	Drill Core	2.48	1.9	147.7	50.4	328	2.8	17.0	21.7	2304	3.99	18.4	38.9	1.5	104	1.4	5.1	<0.1	37	5.90	0.172
2098375	Drill Core	2.33	79.0	211.4	1428	5160	98.0	26.0	19.8	>10000	2.80	170.7	4270	0.3	187	81.2	68.5	<0.1	60	8.02	0.066
2098376	Drill Core	2.84	1.9	90.0	272.6	567	3.2	46.9	33.6	2747	5.36	39.6	136.0	0.8	186	5.6	5.8	<0.1	59	7.96	0.140
2098377	Drill Core	2.00	1.0	173.7	170.8	295	0.6	56.2	34.9	1588	5.26	17.7	16.6	0.7	250	1.5	11.5	<0.1	103	7.14	0.131
2098378	Drill Core	4.28	0.3	77.8	9.2	71	0.3	5.5	10.2	934	2.41	6.5	15.8	2.9	76	0.2	1.2	<0.1	11	1.57	0.107

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Suite 400, 20 Adelaide Street East
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Project: Cariboo
Report Date: October 27, 2012

CERTIFICATE OF ANALYSIS VAN12005013.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
G1	Prep Blank	9	9	0.58	227	0.115	3	1.03	0.088	0.50	<0.1	<0.01	2.6	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	10	9	0.58	225	0.116	3	1.01	0.086	0.49	0.1	<0.01	2.7	0.3	<0.05	5	<0.5	<0.2
2098351	Drill Core	16	5	0.46	120	0.007	3	0.90	0.036	0.34	<0.1	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
2098352	Drill Core	12	11	0.61	156	0.008	3	1.23	0.042	0.51	<0.1	0.01	2.0	<0.1	<0.05	3	<0.5	<0.2
2098353	Drill Core	9	14	1.33	87	0.041	<1	1.39	0.043	0.33	0.1	<0.01	2.9	<0.1	<0.05	3	<0.5	<0.2
2098354	Drill Core	5	42	1.06	110	0.004	2	0.97	0.035	0.26	0.1	0.03	3.1	<0.1	0.35	2	<0.5	<0.2
2098355	Drill Core	12	9	0.67	125	0.007	1	0.71	0.039	0.27	<0.1	0.02	3.9	<0.1	<0.05	1	<0.5	<0.2
2098356	Drill Core	12	2	0.46	64	0.002	1	0.47	0.039	0.25	<0.1	<0.01	1.9	<0.1	0.07	1	<0.5	<0.2
2098357	Drill Core	9	2	0.09	118	0.003	1	0.35	0.024	0.18	<0.1	<0.01	1.5	<0.1	0.11	<1	<0.5	<0.2
2098358	Drill Core	13	2	0.55	81	0.003	1	0.47	0.038	0.26	<0.1	0.02	1.7	<0.1	<0.05	1	<0.5	<0.2
2098359	Drill Core	9	71	1.23	90	0.005	<1	0.70	0.030	0.24	0.3	0.05	3.0	<0.1	<0.05	1	<0.5	<0.2
2098360	Rock Chip	9	6	0.60	200	0.111	<1	0.95	0.061	0.43	0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2
2098361	Drill Core	13	24	0.51	139	0.006	3	1.15	0.035	0.29	<0.1	<0.01	4.2	<0.1	<0.05	2	<0.5	<0.2
2098362	Drill Core	8	21	1.45	80	0.004	2	1.06	0.034	0.28	<0.1	0.04	4.3	<0.1	0.11	2	<0.5	<0.2
2098363	Drill Core	8	9	0.54	157	0.008	2	0.45	0.016	0.29	0.3	0.02	3.3	<0.1	<0.05	1	<0.5	<0.2
2098364	Drill Core	9	13	1.00	106	0.006	1	0.45	0.022	0.28	0.3	<0.01	3.6	<0.1	<0.05	1	<0.5	<0.2
2098365	Drill Core	4	94	2.90	227	0.003	<1	0.66	0.015	0.22	0.2	0.09	6.9	<0.1	<0.05	2	<0.5	<0.2
2098366	Drill Core	5	114	3.06	225	0.003	2	0.86	0.018	0.23	0.2	0.01	7.1	<0.1	<0.05	2	<0.5	<0.2
2098367	Drill Core	10	8	0.91	152	0.005	<1	0.58	0.024	0.32	0.1	<0.01	3.7	<0.1	<0.05	1	<0.5	<0.2
2098368	Rock Pulp	5	32	0.58	125	0.110	6	1.26	0.083	0.10	0.8	0.09	4.3	0.2	0.37	4	1.5	<0.2
2098369	Drill Core	6	59	1.14	244	0.004	1	0.44	0.014	0.26	0.5	0.03	7.2	<0.1	<0.05	1	<0.5	<0.2
2098370	Drill Core	8	18	0.91	176	0.003	2	0.41	0.030	0.28	0.2	<0.01	2.8	<0.1	0.07	1	<0.5	<0.2
2098371	Drill Core	13	4	0.46	114	0.002	1	0.61	0.040	0.23	0.1	0.03	2.0	<0.1	0.12	2	<0.5	<0.2
2098372	Drill Core	11	5	0.37	94	0.048	<1	0.90	0.033	0.24	0.1	<0.01	2.3	<0.1	<0.05	2	<0.5	<0.2
2098373	Drill Core	10	17	0.47	80	0.010	<1	0.78	0.033	0.28	<0.1	0.11	2.4	<0.1	<0.05	2	1.0	<0.2
2098374	Drill Core	9	31	0.08	289	0.011	1	0.60	0.030	0.32	0.3	0.57	3.1	0.1	<0.05	1	<0.5	<0.2
2098375	Drill Core	<1	8	0.72	67	0.003	1	0.17	0.019	0.10	0.9	9.54	3.8	1.2	1.75	<1	1.9	0.8
2098376	Drill Core	4	112	0.16	334	0.015	1	0.46	0.016	0.37	4.1	0.85	6.5	0.3	<0.05	1	<0.5	<0.2
2098377	Drill Core	4	135	1.71	186	0.169	<1	1.85	0.013	1.46	3.3	0.16	9.0	1.3	<0.05	5	<0.5	<0.2
2098378	Drill Core	14	4	0.23	141	0.003	2	0.64	0.040	0.22	0.2	0.03	2.0	0.1	0.07	2	<0.5	<0.2

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Project: Cariboo
Report Date: October 27, 2012

CERTIFICATE OF ANALYSIS VAN12005013.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2098379	Drill Core	4.45	0.2	20.9	12.3	83	<0.1	5.2	9.3	974	2.32	3.9	7.9	3.0	113	0.2	1.0	<0.1	10	2.76	0.100
2098380	Rock Chip	0.37	<0.1	1.8	4.8	50	<0.1	3.7	4.1	537	1.73	0.5	2.4	4.4	59	<0.1	<0.1	<0.1	32	0.56	0.072
2098381	Drill Core	4.07	0.2	17.8	7.6	76	<0.1	6.3	9.8	887	2.57	1.8	0.7	2.9	110	<0.1	0.4	<0.1	16	1.86	0.108
2098382	Drill Core	3.86	0.3	169.2	27.5	202	1.0	42.3	33.2	2084	5.28	23.0	18.0	1.3	66	3.9	3.6	<0.1	53	4.35	0.160
2098383	Drill Core	2.24	0.4	795.8	13.7	199	1.4	50.8	36.4	2232	6.06	29.3	12.1	1.0	113	2.6	5.6	<0.1	77	6.40	0.139
2098384	Drill Core	2.83	0.1	51.3	13.6	106	0.6	51.8	30.1	1804	5.32	10.8	4.6	0.6	235	0.2	2.4	<0.1	95	6.29	0.117
2098385	Drill Core	5.02	0.6	66.4	10.0	120	1.0	33.1	27.1	2261	4.85	32.6	66.1	0.5	203	0.5	4.1	<0.1	62	6.81	0.100
2098386	Drill Core	0.86	2.6	78.1	38.8	345	4.7	31.5	31.9	4011	5.18	130.8	576.7	0.6	82	1.1	10.0	<0.1	39	5.57	0.132
2098387	Drill Core	1.75	108.8	99.0	1495	4207	67.0	31.5	25.2	4986	3.51	242.5	6012	0.4	80	66.4	43.2	<0.1	31	3.93	0.076
2098388	Drill Core	2.26	2.3	106.2	260.0	698	8.8	38.2	35.2	3862	5.86	104.3	384.0	0.9	45	6.5	16.2	<0.1	63	4.04	0.140
2098389	Drill Core	1.42	0.8	332.7	24.1	126	0.4	32.4	26.5	1413	5.29	26.2	3.4	0.7	186	4.4	20.4	<0.1	57	7.10	0.125
2098390	Rock Pulp	0.04	363.2	3354	24.0	55	2.1	30.3	8.4	402	3.17	11.7	896.7	1.1	30	0.4	3.7	0.5	49	0.69	0.048
2098391	Drill Core	3.58	1.6	131.3	58.6	234	0.5	29.0	28.4	2390	4.65	25.6	12.5	0.9	79	3.5	1.7	<0.1	39	6.96	0.145
2098392	Drill Core	3.19	1.0	99.7	36.5	231	0.6	13.9	21.8	2293	3.94	8.2	5.3	1.2	56	6.1	2.1	<0.1	33	5.42	0.150
2098393	Drill Core	4.95	1.8	151.4	916.8	304	1.9	32.1	28.1	2509	4.62	13.5	127.8	0.8	100	4.6	4.8	<0.1	57	6.25	0.144
2098394	Drill Core	0.77	5.3	>10000	985.5	1587	>100	74.0	36.5	3371	6.35	519.8	168.7	0.4	156	32.5	1034	<0.1	85	6.22	0.116
2098395	Drill Core	4.34	0.3	117.8	20.4	125	0.3	54.4	32.6	1578	5.30	10.5	1.9	0.9	216	2.6	2.2	<0.1	122	6.32	0.135
2098396	Drill Core	5.19	0.1	201.4	5.9	76	0.6	49.2	27.9	983	4.50	20.1	22.8	0.6	101	0.4	4.0	<0.1	125	3.25	0.132
2098397	Drill Core	1.76	1.0	217.3	87.6	226	0.5	24.5	28.6	2829	4.63	18.4	9.9	0.7	176	3.3	4.2	<0.1	45	8.25	0.119
2098398	Drill Core	2.07	1.6	117.5	13.4	95	0.5	11.5	24.9	2094	4.40	11.9	39.2	1.3	87	1.0	2.5	0.2	43	3.91	0.146
2098399	Drill Core	1.71	1.1	93.4	14.2	100	0.2	14.5	23.3	2038	4.59	12.6	26.9	0.9	147	0.6	1.7	<0.1	44	4.63	0.164
2098400	Drill Core	5.08	2.5	121.7	9.3	60	0.3	5.8	20.9	1321	4.18	4.5	6.3	0.8	153	0.2	6.7	<0.1	39	5.30	0.139
2098401	Drill Core	5.02	0.3	355.8	15.0	107	0.5	29.0	26.0	1469	4.04	2.1	5.8	1.8	458	0.2	0.7	<0.1	56	4.25	0.185
2098402	Drill Core	2.84	0.6	91.6	3.8	72	0.1	35.6	25.9	780	4.70	2.3	2.2	1.7	278	<0.1	0.5	<0.1	100	4.59	0.218
2098403	Drill Core	5.24	0.2	98.9	9.5	103	<0.1	38.2	25.7	753	5.22	2.6	<0.5	2.0	327	<0.1	0.4	<0.1	140	4.59	0.217
2098404	Drill Core	4.81	0.6	124.3	4.6	64	<0.1	35.8	27.2	804	5.18	3.2	<0.5	2.0	355	<0.1	0.5	<0.1	110	4.54	0.223
2098405	Drill Core	5.47	0.3	118.8	8.4	82	0.1	35.3	25.0	784	4.75	2.6	<0.5	1.8	451	0.1	0.5	<0.1	85	4.95	0.218
2098406	Drill Core	1.12	3.4	74.1	23.4	242	4.1	34.8	32.5	4360	5.11	84.2	162.6	0.5	60	1.4	5.5	<0.1	41	5.07	0.130
2098407	Rock Chip	0.35	<0.1	3.0	7.0	66	<0.1	3.7	4.2	526	1.80	<0.5	9.8	4.3	55	<0.1	<0.1	<0.1	33	0.61	0.072
2098408	Drill Core	1.74	47.5	72.3	4333	4093	63.4	23.2	17.1	9908	3.05	167.7	2195	0.3	204	82.4	40.5	<0.1	42	7.70	0.060

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2098379	Drill Core	14	3	0.25	112	0.002	1	0.61	0.052	0.25	0.2	0.03	2.0	<0.1	0.13	2	<0.5	<0.2
2098380	Rock Chip	8	7	0.59	207	0.108	<1	0.91	0.057	0.43	<0.1	0.02	2.1	0.3	<0.05	5	<0.5	<0.2
2098381	Drill Core	16	6	0.56	112	0.003	1	1.26	0.068	0.22	<0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
2098382	Drill Core	8	119	0.10	282	0.015	1	0.66	0.023	0.35	0.4	0.22	6.6	0.1	<0.05	1	0.8	<0.2
2098383	Drill Core	5	129	0.24	215	0.026	2	0.70	0.018	0.43	0.4	0.21	7.8	0.3	<0.05	2	<0.5	<0.2
2098384	Drill Core	4	113	2.28	38	0.097	2	1.01	0.019	0.86	0.2	0.03	7.9	0.7	<0.05	3	<0.5	<0.2
2098385	Drill Core	2	74	1.52	38	0.011	2	0.25	0.009	0.27	1.4	0.14	6.8	0.2	0.18	<1	<0.5	<0.2
2098386	Drill Core	2	27	0.17	115	0.006	4	0.30	0.005	0.29	1.2	0.33	7.3	1.0	0.45	<1	0.6	0.3
2098387	Drill Core	1	12	0.14	63	0.003	2	0.17	0.004	0.18	2.6	7.81	5.2	1.2	1.01	<1	1.0	1.7
2098388	Drill Core	5	52	0.06	299	0.011	1	0.36	0.007	0.37	4.7	1.00	7.3	0.3	<0.05	1	<0.5	<0.2
2098389	Drill Core	4	52	0.69	203	0.010	2	0.36	0.027	0.30	2.8	0.25	6.2	<0.1	<0.05	1	<0.5	<0.2
2098390	Rock Pulp	5	30	0.57	124	0.108	5	1.24	0.087	0.11	0.9	0.11	4.4	<0.1	0.40	4	1.0	<0.2
2098391	Drill Core	5	26	0.07	305	0.006	2	0.47	0.018	0.36	1.5	0.32	5.6	<0.1	<0.05	1	<0.5	<0.2
2098392	Drill Core	7	15	0.06	238	0.017	3	0.61	0.024	0.37	1.4	0.40	4.4	<0.1	<0.05	<1	<0.5	<0.2
2098393	Drill Core	4	81	0.59	293	0.066	2	1.02	0.017	0.73	1.1	0.38	6.0	0.3	<0.05	3	<0.5	<0.2
2098394	Drill Core	2	181	1.26	285	0.144	1	1.51	0.016	1.12	0.7	11.55	7.8	0.6	0.10	4	<0.5	<0.2
2098395	Drill Core	6	139	2.09	135	0.196	1	2.22	0.020	1.71	0.7	0.05	9.6	0.6	<0.05	5	<0.5	<0.2
2098396	Drill Core	4	146	2.22	62	0.128	<1	2.04	0.060	0.87	0.2	0.05	7.1	0.2	<0.05	6	<0.5	<0.2
2098397	Drill Core	4	47	0.46	261	0.024	<1	0.41	0.022	0.24	0.7	0.17	6.0	<0.1	<0.05	<1	<0.5	<0.2
2098398	Drill Core	6	9	0.21	173	0.045	2	0.43	0.015	0.28	0.8	0.11	4.0	<0.1	0.05	<1	<0.5	<0.2
2098399	Drill Core	2	7	0.30	214	0.037	2	0.48	0.022	0.28	1.1	0.12	4.7	<0.1	0.70	<1	<0.5	<0.2
2098400	Drill Core	4	3	0.71	147	0.022	1	0.42	0.029	0.21	>100	0.43	3.5	<0.1	0.06	<1	<0.5	<0.2
2098401	Drill Core	8	23	1.75	93	0.043	2	0.48	0.036	0.19	0.9	0.04	3.2	<0.1	<0.05	1	<0.5	<0.2
2098402	Drill Core	9	63	1.74	251	0.011	1	1.20	0.099	0.14	0.5	<0.01	6.0	<0.1	<0.05	4	<0.5	<0.2
2098403	Drill Core	10	81	1.75	299	0.010	1	1.68	0.127	0.14	<0.1	<0.01	8.0	<0.1	<0.05	6	<0.5	<0.2
2098404	Drill Core	10	73	1.77	232	0.007	<1	1.48	0.102	0.16	<0.1	<0.01	6.4	<0.1	<0.05	5	<0.5	<0.2
2098405	Drill Core	9	60	1.62	215	0.008	1	1.69	0.090	0.24	<0.1	<0.01	5.9	<0.1	<0.05	5	<0.5	<0.2
2098406	Drill Core	2	22	0.25	42	0.009	2	0.29	0.009	0.35	1.8	0.27	7.8	0.3	0.67	<1	<0.5	<0.2
2098407	Rock Chip	8	7	0.62	201	0.110	<1	0.90	0.060	0.43	0.1	<0.01	2.2	0.2	<0.05	5	<0.5	<0.2
2098408	Drill Core	1	9	0.36	107	0.002	2	0.15	0.006	0.16	1.0	6.46	4.9	0.4	0.46	<1	2.7	0.3

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Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2098409	Drill Core	3.43	0.5	173.6	24.4	200	1.1	39.2	33.8	2253	5.47	93.1	31.9	0.7	34	1.8	8.5	<0.1	44	6.29	0.130
2098410	Drill Core	4.56	4.0	128.3	310.7	1224	14.9	40.1	37.0	4807	5.57	183.6	736.4	0.7	50	11.6	24.3	<0.1	41	4.83	0.131
2098411	Drill Core	4.50	0.7	192.8	47.9	261	1.1	29.5	30.4	2604	4.71	21.6	26.5	1.1	66	5.0	4.1	<0.1	38	6.57	0.148
2098412	Rock Pulp	0.05	1052	8706	43.4	157	4.2	38.1	20.0	469	4.35	33.3	597.4	1.5	40	1.7	6.3	1.2	101	0.98	0.083
2098413	Drill Core	4.82	1.6	127.8	50.7	285	0.7	11.3	20.6	1618	3.91	10.0	59.2	1.7	44	1.9	3.3	<0.1	39	2.50	0.168
2098414	Drill Core	5.02	1.1	145.0	130.5	309	0.9	19.9	23.2	1945	4.09	10.0	15.8	0.9	116	3.4	1.9	0.1	37	4.65	0.148
2098415	Drill Core	2.20	0.9	68.1	37.4	254	0.3	29.9	27.5	2145	4.68	22.4	10.3	0.6	199	2.3	2.1	<0.1	53	6.87	0.118
2098416	Drill Core	1.80	1.0	1715	78.1	402	5.5	77.1	39.2	2749	5.88	23.2	53.2	0.9	200	7.5	21.2	<0.1	48	6.66	0.149
2098417	Drill Core	1.61	0.6	89.3	22.1	144	0.4	20.3	19.4	1886	4.29	14.8	19.0	1.0	143	0.7	9.9	<0.1	47	7.06	0.145
2098418	Drill Core	1.32	0.6	82.2	5.3	47	0.2	32.9	28.1	1758	5.11	13.8	<0.5	0.5	76	0.9	1.2	<0.1	31	8.56	0.123
2098419	Drill Core	4.02	0.5	41.8	9.1	83	0.2	41.0	31.8	1774	5.50	17.1	1.6	0.7	173	0.9	2.0	<0.1	38	8.66	0.138
2098420	Drill Core	5.24	0.7	105.0	8.8	74	0.2	57.8	31.6	1496	4.96	7.9	3.8	0.7	370	0.2	1.3	<0.1	41	6.71	0.130
2098421	Drill Core	4.91	0.5	182.9	24.4	84	0.3	16.9	20.4	2074	4.04	4.6	2.3	1.2	209	0.7	1.9	<0.1	36	5.71	0.144
2098422	Drill Core	5.22	0.4	142.0	4.0	60	0.1	19.7	21.9	1348	4.25	1.3	1.6	1.5	196	<0.1	0.7	<0.1	59	3.99	0.176
2098423	Drill Core	5.32	0.8	185.2	6.5	86	0.1	33.4	25.2	1028	4.52	1.7	<0.5	2.0	296	0.1	0.5	<0.1	60	4.43	0.221
2098424	Drill Core	4.69	0.2	136.8	5.9	67	0.2	36.6	25.7	875	5.17	3.9	2.8	1.8	326	<0.1	0.6	<0.1	85	5.28	0.229
2098425	Drill Core	5.33	0.4	120.8	9.8	114	0.2	35.4	26.9	1061	4.86	12.4	8.3	2.2	359	0.3	0.5	<0.1	99	4.90	0.207
2098426	Drill Core	5.15	1.0	126.7	22.8	70	0.3	34.6	25.8	1107	5.06	25.1	<0.5	2.0	608	0.2	1.2	<0.1	81	7.26	0.240
2098427	Drill Core	5.36	1.5	135.0	9.1	95	0.1	26.6	23.2	1092	5.45	25.9	2.9	1.0	378	0.1	1.8	<0.1	56	3.88	0.174

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Report Date: October 27, 2012

CERTIFICATE OF ANALYSIS VAN12005013.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2098409	Drill Core	4	44	0.08	167	0.012	1	0.34	0.011	0.26	1.0	0.24	8.1	0.1	<0.05	<1	<0.5	<0.2
2098410	Drill Core	3	39	0.09	175	0.006	2	0.38	0.014	0.32	1.3	2.83	8.0	0.8	0.25	1	<0.5	<0.2
2098411	Drill Core	6	34	0.07	284	0.010	2	0.47	0.028	0.33	0.9	0.40	5.8	0.1	<0.05	<1	<0.5	<0.2
2098412	Rock Pulp	8	58	1.05	74	0.135	6	1.74	0.118	0.57	14.9	0.14	8.6	0.4	1.97	6	5.4	0.7
2098413	Drill Core	10	15	0.04	225	0.036	3	0.65	0.026	0.36	0.8	0.43	3.3	0.2	<0.05	1	<0.5	<0.2
2098414	Drill Core	5	30	0.32	202	0.017	2	0.44	0.030	0.33	0.6	0.46	3.9	<0.1	<0.05	1	<0.5	<0.2
2098415	Drill Core	3	59	1.35	108	0.011	<1	0.35	0.025	0.33	1.5	0.32	6.3	<0.1	<0.05	1	<0.5	<0.2
2098416	Drill Core	4	177	1.26	237	0.025	1	0.67	0.017	0.42	0.6	0.44	6.5	0.2	<0.05	1	<0.5	<0.2
2098417	Drill Core	6	34	0.09	241	0.025	1	0.41	0.030	0.32	0.4	0.24	4.2	<0.1	<0.05	1	<0.5	<0.2
2098418	Drill Core	3	79	0.10	148	0.003	1	0.35	0.016	0.24	1.1	0.02	4.5	<0.1	<0.05	<1	<0.5	<0.2
2098419	Drill Core	5	95	0.49	180	0.004	1	0.46	0.020	0.28	1.2	0.02	5.0	<0.1	<0.05	1	<0.5	<0.2
2098420	Drill Core	4	130	2.68	131	0.005	<1	1.02	0.024	0.24	<0.1	0.02	5.0	<0.1	<0.05	2	<0.5	<0.2
2098421	Drill Core	6	31	0.87	134	0.028	1	0.40	0.023	0.27	0.5	0.06	3.3	<0.1	<0.05	1	<0.5	<0.2
2098422	Drill Core	7	17	1.42	243	0.035	<1	0.49	0.044	0.15	0.3	0.01	3.2	<0.1	<0.05	2	<0.5	<0.2
2098423	Drill Core	9	40	1.69	176	0.011	2	1.09	0.071	0.25	<0.1	0.02	3.8	<0.1	<0.05	3	<0.5	<0.2
2098424	Drill Core	8	62	1.31	228	0.006	1	1.19	0.061	0.14	<0.1	<0.01	5.5	<0.1	<0.05	4	<0.5	<0.2
2098425	Drill Core	9	66	2.00	374	0.010	1	1.73	0.089	0.16	<0.1	<0.01	6.7	0.1	0.11	6	<0.5	<0.2
2098426	Drill Core	4	55	1.74	108	0.009	1	2.13	0.038	0.18	<0.1	0.04	5.0	<0.1	2.08	6	<0.5	<0.2
2098427	Drill Core	4	35	0.80	74	0.005	<1	2.47	0.043	0.24	<0.1	0.01	4.3	<0.1	0.73	6	<0.5	<0.2

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Project: Cariboo
Report Date: October 27, 2012

QUALITY CONTROL REPORT VAN12005013.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
2098351	Drill Core	2.98	<0.1	15.4	11.9	57	<0.1	5.5	10.0	932	2.12	1.4	1.8	2.6	148	0.1	0.2	<0.1	11	2.42	0.102
REP 2098351	QC		<0.1	14.9	11.4	56	<0.1	5.4	10.0	939	2.12	1.4	1.6	2.6	141	0.1	0.3	<0.1	11	2.40	0.104
2098358	Drill Core	4.23	0.3	19.2	14.0	79	<0.1	3.1	9.2	1027	2.20	1.3	2.0	2.1	199	0.2	0.4	<0.1	9	4.17	0.099
REP 2098358	QC		0.3	20.0	14.1	84	<0.1	3.0	8.6	1056	2.24	1.3	3.1	2.2	197	0.3	0.5	<0.1	9	4.25	0.103
2098386	Drill Core	0.86	2.6	78.1	38.8	345	4.7	31.5	31.9	4011	5.18	130.8	576.7	0.6	82	1.1	10.0	<0.1	39	5.57	0.132
REP 2098386	QC		2.2	77.2	38.3	346	4.7	30.8	31.4	4004	5.17	127.5	594.1	0.6	78	1.4	10.1	<0.1	40	5.59	0.131
2098393	Drill Core	4.95	1.8	151.4	916.8	304	1.9	32.1	28.1	2509	4.62	13.5	127.8	0.8	100	4.6	4.8	<0.1	57	6.25	0.144
REP 2098393	QC		1.4	152.4	918.5	300	2.0	32.2	28.5	2438	4.53	13.5	130.9	0.9	99	4.6	4.7	<0.1	57	6.07	0.152
2098419	Drill Core	4.02	0.5	41.8	9.1	83	0.2	41.0	31.8	1774	5.50	17.1	1.6	0.7	173	0.9	2.0	<0.1	38	8.66	0.138
REP 2098419	QC		0.4	40.9	9.1	81	0.1	40.3	31.2	1767	5.50	17.0	0.8	0.8	175	0.9	2.0	<0.1	38	8.65	0.134
Core Reject Duplicates																					
2098354	Drill Core	4.75	1.0	116.9	24.3	135	0.3	28.8	22.0	1236	3.86	15.0	19.4	1.2	169	0.4	0.6	<0.1	31	4.03	0.154
DUP 2098354	QC	<0.01	0.8	118.2	27.8	144	0.3	28.0	22.3	1204	3.84	14.8	32.7	1.2	169	0.5	0.6	<0.1	32	3.96	0.151
2098388	Drill Core	2.26	2.3	106.2	260.0	698	8.8	38.2	35.2	3862	5.86	104.3	384.0	0.9	45	6.5	16.2	<0.1	63	4.04	0.140
DUP 2098388	QC	<0.01	2.1	110.0	268.4	695	8.8	40.3	35.2	3890	5.97	100.4	417.1	0.9	43	5.9	15.5	<0.1	63	4.05	0.138
2098422	Drill Core	5.22	0.4	142.0	4.0	60	0.1	19.7	21.9	1348	4.25	1.3	1.6	1.5	196	<0.1	0.7	<0.1	59	3.99	0.176
DUP 2098422	QC	<0.01	0.2	149.1	3.9	59	0.1	20.3	23.5	1319	4.24	1.8	<0.5	1.6	194	<0.1	0.7	<0.1	58	3.98	0.183
Reference Materials																					
STD DS9	Standard		13.5	114.1	127.7	318	2.0	39.7	7.3	566	2.35	25.9	196.2	6.7	69	2.1	5.6	5.8	40	0.76	0.082
STD DS9	Standard		14.0	113.7	136.4	315	1.9	42.2	8.2	614	2.33	26.4	103.9	7.4	69	2.5	5.7	6.5	40	0.76	0.079
STD DS9	Standard		12.8	105.0	136.2	303	1.8	39.7	7.3	576	2.32	24.5	90.9	6.7	75	2.3	5.9	7.3	39	0.73	0.081
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank		<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	0.02	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	<0.1	1.6	4.8	51	<0.1	3.8	4.5	598	1.96	<0.5	2.6	5.2	59	<0.1	<0.1	0.1	35	0.46	0.079
G1	Prep Blank	<0.01	0.1	1.6	7.5	53	<0.1	4.2	4.4	589	1.96	<0.5	2.8	5.2	59	<0.1	<0.1	0.1	35	0.46	0.076

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Project: Cariboo
Report Date: October 27, 2012

QUALITY CONTROL REPORT VAN12005013.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
2098351	Drill Core	16	5	0.46	120	0.007	3	0.90	0.036	0.34	<0.1	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
REP 2098351	QC	15	5	0.46	121	0.004	2	0.92	0.044	0.36	<0.1	<0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
2098358	Drill Core	13	2	0.55	81	0.003	1	0.47	0.038	0.26	<0.1	0.02	1.7	<0.1	<0.05	1	<0.5	<0.2
REP 2098358	QC	13	2	0.56	85	0.004	2	0.46	0.040	0.27	<0.1	0.02	1.7	<0.1	<0.05	1	<0.5	<0.2
2098386	Drill Core	2	27	0.17	115	0.006	4	0.30	0.005	0.29	1.2	0.33	7.3	1.0	0.45	<1	0.6	0.3
REP 2098386	QC	2	26	0.17	109	0.006	4	0.29	0.005	0.30	1.4	0.31	7.1	1.0	0.45	<1	1.0	<0.2
2098393	Drill Core	4	81	0.59	293	0.066	2	1.02	0.017	0.73	1.1	0.38	6.0	0.3	<0.05	3	<0.5	<0.2
REP 2098393	QC	4	77	0.58	281	0.063	1	1.02	0.019	0.74	1.0	0.37	5.9	0.4	<0.05	2	<0.5	<0.2
2098419	Drill Core	5	95	0.49	180	0.004	1	0.46	0.020	0.28	1.2	0.02	5.0	<0.1	<0.05	1	<0.5	<0.2
REP 2098419	QC	5	94	0.49	183	0.003	<1	0.46	0.019	0.28	1.2	0.03	5.1	<0.1	<0.05	1	<0.5	<0.2
Core Reject Duplicates																		
2098354	Drill Core	5	42	1.06	110	0.004	2	0.97	0.035	0.26	0.1	0.03	3.1	<0.1	0.35	2	<0.5	<0.2
DUP 2098354	QC	5	40	1.05	119	0.004	2	1.07	0.045	0.28	<0.1	0.04	3.3	<0.1	0.35	2	<0.5	<0.2
2098388	Drill Core	5	52	0.06	299	0.011	1	0.36	0.007	0.37	4.7	1.00	7.3	0.3	<0.05	1	<0.5	<0.2
DUP 2098388	QC	4	53	0.06	307	0.009	2	0.37	0.007	0.36	4.6	0.95	7.6	0.3	<0.05	1	<0.5	<0.2
2098422	Drill Core	7	17	1.42	243	0.035	<1	0.49	0.044	0.15	0.3	0.01	3.2	<0.1	<0.05	2	<0.5	<0.2
DUP 2098422	QC	7	17	1.39	248	0.034	<1	0.48	0.042	0.15	0.3	0.02	3.2	<0.1	<0.05	2	<0.5	<0.2
Reference Materials																		
STD DS9	Standard	15	120	0.62	317	0.115	3	0.99	0.088	0.40	3.1	0.21	2.7	5.1	0.16	5	6.1	5.0
STD DS9	Standard	16	126	0.63	312	0.121	3	1.02	0.085	0.41	3.1	0.21	2.5	5.5	0.16	5	5.2	5.2
STD DS9	Standard	13	118	0.62	300	0.118	2	0.96	0.087	0.40	3.0	0.20	2.3	5.3	0.16	5	4.5	5.3
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank	9	9	0.58	227	0.115	3	1.03	0.088	0.50	<0.1	<0.01	2.6	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	10	9	0.58	225	0.116	3	1.01	0.086	0.49	0.1	<0.01	2.7	0.3	<0.05	5	<0.5	<0.2

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Submitted By: Tim Andrew
Receiving Lab: Canada-Vancouver
Received: October 25, 2012
Report Date: November 15, 2012
Page: 1 of 3

CERTIFICATE OF ANALYSIS VAN12005099.1

CLIENT JOB INFORMATION

Project: Cariboo
Shipment ID: 12 Excal-2
P.O. Number
Number of Samples: 55

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	49	Crush, split and pulverize 250 g rock to 200 mesh			VAN
P200	3	Pulverize to 85% - 200 mesh			VAN
1DX2	55	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Perry Grunenberg
Andrew Roberts

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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 15, 2012

CERTIFICATE OF ANALYSIS VAN12005099.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
G1	Prep Blank	<0.01	<0.1	2.3	3.0	49	<0.1	4.2	4.6	601	2.05	<0.5	<0.5	5.2	61	<0.1	<0.1	<0.1	39	0.47	0.080
G1	Prep Blank	<0.01	<0.1	2.2	2.9	47	<0.1	4.2	4.6	600	2.02	<0.5	<0.5	5.4	62	<0.1	<0.1	<0.1	39	0.47	0.082
2098429	Drill Core	2.51	0.8	42.8	9.7	225	0.5	29.7	27.5	2431	5.33	8.2	<0.5	0.9	93	1.8	3.4	<0.1	67	6.68	0.144
2098430	Rock Chip	0.36	0.1	2.6	4.1	47	<0.1	3.8	4.3	575	2.00	<0.5	<0.5	5.2	76	<0.1	<0.1	<0.1	38	0.67	0.080
2098431	Drill Core	1.14	2.9	195.0	269.0	760	10.9	42.5	42.5	5088	5.77	132.1	353.5	1.0	41	6.1	24.7	<0.1	41	2.06	0.177
2098432	Drill Core	2.68	46.1	57.8	3243	3980	50.0	7.3	4.8	9685	1.43	38.4	1071	<0.1	345	76.1	50.5	<0.1	27	11.48	0.013
2098433	Rock Pulp	0.05	373.3	3470	31.5	67	2.0	31.7	8.7	470	3.21	13.7	753.3	1.2	38	0.7	3.7	0.6	54	0.71	0.055
2098434	Drill Core	2.16	14.6	76.9	405.7	1228	35.3	30.8	28.2	8293	3.85	237.6	1623	0.5	257	16.6	36.0	<0.1	45	8.78	0.100
2098435	Drill Core	1.93	1.0	71.7	47.9	470	2.9	41.7	32.8	3072	6.13	76.9	55.8	0.8	45	3.7	10.5	<0.1	66	6.69	0.134
2098436	Drill Core	4.66	1.2	134.7	49.2	181	1.2	36.3	30.3	2084	5.06	86.1	226.5	0.4	248	2.3	10.4	<0.1	49	6.69	0.120
2098437	Drill Core	4.89	1.3	1397	62.6	284	3.1	36.5	36.9	2333	4.60	60.2	52.3	0.5	246	7.6	20.5	<0.1	43	7.00	0.146
2098438	Drill Core	3.60	1.3	137.5	50.6	281	0.8	30.5	28.1	2353	4.78	12.0	131.1	1.1	172	3.5	3.1	<0.1	51	6.63	0.175
2098439	Drill Core	4.96	1.1	159.0	32.0	258	0.5	6.6	17.5	2612	3.64	8.6	127.4	1.5	131	4.1	4.5	<0.1	32	4.75	0.167
2098440	Drill Core	5.45	0.9	149.1	105.3	354	0.9	31.9	26.8	2594	4.81	22.2	32.2	0.7	220	4.2	2.8	<0.1	50	7.05	0.138
2098441	Drill Core	1.19	0.7	567.0	276.0	397	1.7	64.7	38.4	2555	5.98	27.9	22.4	0.7	194	7.8	5.2	<0.1	83	6.90	0.154
2098442	Drill Core	1.10	48.8	9833	490.4	868	18.2	73.8	33.0	2001	5.86	90.3	46.2	0.6	182	30.3	106.4	<0.1	57	4.68	0.141
2098443	Drill Core	3.13	0.5	58.2	11.2	85	0.1	51.1	33.3	1699	5.32	15.5	1.5	0.8	211	0.9	1.9	<0.1	78	7.09	0.147
2098444	Drill Core	5.13	0.5	50.0	7.3	79	0.1	50.9	32.1	1368	5.24	9.1	1.6	0.8	280	0.4	3.0	<0.1	87	5.71	0.138
2098445	Drill Core	5.29	1.2	108.9	74.9	378	0.8	35.2	33.5	2770	5.61	16.4	4.8	0.9	121	11.9	4.0	<0.1	77	5.96	0.133
2098446	Drill Core	2.40	1.4	74.3	18.9	317	1.1	31.2	27.8	3467	5.23	26.5	33.3	0.7	212	2.2	3.1	<0.1	59	6.70	0.141
2098447	Drill Core	1.25	3.3	73.7	349.8	547	18.4	33.5	29.6	5329	4.68	104.2	571.1	1.0	38	7.6	14.8	<0.1	50	3.28	0.167
2098448	Drill Core	1.41	82.2	99.1	1306	1776	72.0	7.6	4.3	7234	1.17	51.2	1331	<0.1	162	44.2	67.6	<0.1	52	7.62	0.011
2098449	Drill Core	1.21	127.6	124.0	1971	6332	>100	43.8	26.8	9838	3.83	297.0	3599	0.3	110	83.5	69.4	<0.1	35	4.94	0.076
2098450	Drill Core	2.21	21.6	137.8	1498	3589	63.9	43.1	34.3	8304	5.84	365.4	3297	0.8	67	39.1	71.6	<0.1	41	2.56	0.148
2098451	Drill Core	1.58	4.3	67.6	168.8	847	10.4	28.9	30.2	5564	4.33	214.4	468.8	0.5	187	9.3	16.8	<0.1	34	7.78	0.136
2098452	Drill Core	4.41	0.9	96.8	79.0	818	3.8	38.2	32.0	2879	5.75	62.4	99.8	0.7	81	5.5	10.0	<0.1	60	5.98	0.145
2098453	Drill Core	3.47	0.9	79.2	15.3	317	0.6	33.5	32.4	2593	5.47	16.9	12.2	1.0	92	2.2	5.4	<0.1	70	6.41	0.143
2098454	Rock Chip	0.36	0.1	2.4	5.7	53	0.1	3.7	4.3	581	1.93	<0.5	6.1	5.1	73	<0.1	0.1	<0.1	37	0.72	0.076
2098455	Drill Core	3.07	0.8	41.7	12.1	207	0.6	28.8	25.3	2067	5.01	16.3	2.6	1.0	71	1.1	5.7	<0.1	86	6.99	0.136
2098456	Drill Core	1.21	5.6	102.3	584.8	995	18.7	38.1	34.0	6133	4.58	281.6	742.0	0.4	280	22.7	22.2	<0.1	30	8.60	0.103

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Suite 400, 20 Adelaide Street East
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Project: Cariboo
Report Date: November 15, 2012

CERTIFICATE OF ANALYSIS VAN12005099.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
G1	Prep Blank	9	8	0.62	262	0.131	2	1.03	0.080	0.52	<0.1	<0.01	2.7	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	10	8	0.60	252	0.123	2	1.02	0.080	0.51	<0.1	<0.01	2.5	0.3	<0.05	5	<0.5	<0.2
2098429	Drill Core	5	48	0.26	99	0.036	2	0.25	0.006	0.27	2.2	0.18	7.8	<0.1	<0.05	<1	<0.5	<0.2
2098430	Rock Chip	9	8	0.67	231	0.129	1	1.02	0.078	0.47	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2
2098431	Drill Core	5	23	0.06	284	0.008	2	0.32	<0.001	0.32	1.8	1.00	8.9	0.5	<0.05	1	0.8	<0.2
2098432	Drill Core	<1	2	1.52	165	<0.001	<1	0.03	0.002	0.02	0.2	7.56	1.5	<0.1	0.63	<1	2.0	0.3
2098433	Rock Pulp	6	33	0.58	141	0.117	5	1.26	0.084	0.11	0.9	0.12	4.7	<0.1	0.40	4	0.9	<0.2
2098434	Drill Core	1	12	0.99	68	0.002	2	0.16	0.001	0.20	0.9	2.76	7.5	1.0	2.29	<1	<0.5	<0.2
2098435	Drill Core	4	58	0.07	137	0.014	2	0.30	0.011	0.28	4.1	0.62	8.0	0.1	<0.05	<1	<0.5	<0.2
2098436	Drill Core	2	59	2.02	78	0.008	2	0.34	0.015	0.34	0.9	0.33	7.7	0.2	0.50	<1	<0.5	<0.2
2098437	Drill Core	2	45	1.24	293	0.006	3	0.39	0.035	0.36	0.9	0.58	7.1	0.1	0.25	<1	<0.5	<0.2
2098438	Drill Core	6	33	0.36	248	0.019	3	0.41	0.032	0.29	0.9	0.40	6.0	<0.1	<0.05	<1	<0.5	<0.2
2098439	Drill Core	8	8	0.19	159	0.032	2	0.41	0.025	0.29	0.5	0.40	2.5	<0.1	<0.05	<1	<0.5	<0.2
2098440	Drill Core	3	65	1.07	167	0.010	2	0.34	0.026	0.32	0.8	0.56	5.0	<0.1	0.07	1	<0.5	<0.2
2098441	Drill Core	4	172	0.86	289	0.069	1	1.01	0.020	0.66	0.6	0.45	8.1	0.4	<0.05	3	<0.5	<0.2
2098442	Drill Core	3	190	1.27	97	0.048	2	0.93	0.015	0.59	0.6	1.27	7.1	0.3	0.07	2	<0.5	<0.2
2098443	Drill Core	4	114	1.21	194	0.090	2	1.08	0.023	0.74	0.3	0.04	6.4	0.3	<0.05	3	<0.5	<0.2
2098444	Drill Core	5	132	2.89	117	0.037	1	1.64	0.036	0.40	0.2	0.04	7.2	0.1	<0.05	4	<0.5	<0.2
2098445	Drill Core	4	40	0.70	81	0.028	2	0.28	0.008	0.34	1.4	0.60	9.0	<0.1	<0.05	<1	<0.5	<0.2
2098446	Drill Core	3	30	0.78	60	0.022	2	0.26	0.007	0.32	1.8	0.49	8.1	0.1	0.27	<1	<0.5	<0.2
2098447	Drill Core	5	18	0.04	105	0.009	2	0.29	0.004	0.31	1.5	1.38	8.2	0.3	0.07	<1	<0.5	<0.2
2098448	Drill Core	<1	2	0.65	168	<0.001	<1	0.03	<0.001	0.02	0.5	6.76	1.5	0.2	0.50	<1	1.1	0.9
2098449	Drill Core	<1	8	0.87	32	0.002	<1	0.13	0.003	0.13	3.0	13.33	5.0	2.1	3.54	<1	2.9	1.5
2098450	Drill Core	3	14	0.05	134	0.003	3	0.26	0.006	0.29	3.2	12.71	9.2	2.8	0.69	<1	1.2	1.1
2098451	Drill Core	2	16	0.44	29	0.005	2	0.20	0.005	0.25	1.2	1.30	9.3	0.6	1.23	<1	0.7	<0.2
2098452	Drill Core	3	62	0.23	174	0.012	2	0.35	0.018	0.34	1.5	1.24	7.6	0.1	0.11	<1	<0.5	<0.2
2098453	Drill Core	5	58	0.35	135	0.031	1	0.28	0.011	0.28	1.5	0.29	8.1	<0.1	<0.05	<1	<0.5	<0.2
2098454	Rock Chip	10	6	0.67	213	0.121	<1	0.99	0.080	0.46	<0.1	0.03	2.5	0.2	<0.05	5	<0.5	<0.2
2098455	Drill Core	4	42	0.10	74	0.054	2	0.24	0.005	0.27	4.3	0.15	7.8	<0.1	<0.05	<1	<0.5	<0.2
2098456	Drill Core	1	13	0.83	47	0.002	1	0.17	0.008	0.18	1.6	1.86	8.9	0.8	3.32	<1	1.8	<0.2

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Project: Cariboo
Report Date: November 15, 2012

CERTIFICATE OF ANALYSIS VAN12005099.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2098457	Drill Core	2.65	46.3	62.9	1412	3150	37.5	13.5	9.9	9168	2.08	78.4	1935	0.1	321	53.0	36.9	<0.1	37	9.58	0.036
2098458	Rock Pulp	0.05	369.8	3417	24.0	54	1.9	30.0	8.6	446	3.21	13.4	780.9	1.2	35	0.4	3.4	0.6	54	0.69	0.051
2098459	Drill Core	1.03	47.7	112.3	1650	4409	68.4	38.3	29.5	9865	4.33	346.6	2985	0.4	226	62.0	38.5	<0.1	36	7.78	0.103
2098460	Drill Core	2.76	2.3	151.8	60.8	755	5.0	44.6	41.2	3233	5.86	167.1	535.9	0.8	40	8.1	11.2	<0.1	43	3.84	0.157
2098461	Drill Core	5.11	2.8	185.3	77.6	254	1.8	41.2	35.3	2190	5.06	124.0	74.6	0.4	262	4.2	10.1	<0.1	42	6.54	0.131
2098462	Drill Core	1.31	1.1	318.3	34.7	228	0.8	44.1	39.9	2036	4.92	79.6	12.2	0.4	196	5.3	4.4	<0.1	32	7.10	0.138
2098463	Drill Core	3.68	1.0	137.1	52.9	245	0.4	31.9	30.5	2265	5.03	17.4	23.5	0.8	103	3.6	3.2	<0.1	46	8.12	0.129
2098464	Drill Core	3.19	0.9	77.1	7.4	136	0.8	25.7	24.3	1909	4.93	9.0	2.3	0.7	152	0.8	3.7	<0.1	77	7.41	0.115
2098465	Drill Core	1.75	13.3	77.3	573.0	733	11.6	38.4	36.9	4752	4.52	163.2	1316	0.4	239	12.4	8.9	0.6	33	7.36	0.119
2098466	Drill Core	2.24	135.0	78.6	1729	3667	50.0	15.4	9.9	8481	1.92	86.9	8135	0.1	444	70.2	45.2	<0.1	28	11.36	0.030
2098467	Drill Core	1.50	39.1	98.0	688.6	2402	29.8	33.4	26.3	8008	4.42	216.3	1794	0.5	237	29.9	30.3	<0.1	37	8.87	0.115
2098468	Drill Core	3.64	10.4	210.3	257.2	760	12.6	41.3	35.3	3089	5.52	158.4	8418	0.4	197	8.6	14.3	<0.1	43	6.76	0.120
2098469	Drill Core	3.13	0.8	70.3	14.7	219	0.5	40.3	34.1	2511	6.43	11.0	15.5	1.1	48	6.6	2.4	<0.1	69	3.79	0.147
2098470	Drill Core	1.07	4.1	80.6	313.9	1147	25.3	34.1	32.5	5311	4.74	76.6	2121	0.8	34	16.9	20.2	<0.1	55	3.50	0.138
2098471	Drill Core	1.12	30.9	73.5	1394	2444	60.9	14.8	10.1	9484	2.10	69.0	1710	0.1	183	52.2	47.0	<0.1	56	8.80	0.035
2098472	Drill Core	1.69	27.0	126.6	844.6	1896	36.6	35.4	26.5	8864	4.67	349.7	2147	0.5	126	29.6	44.2	<0.1	32	7.97	0.105
2098473	Rock Chip	0.35	0.1	2.8	6.5	52	0.2	3.8	4.2	551	1.85	<0.5	2.8	4.6	65	0.1	0.2	<0.1	36	0.63	0.069
2098474	Drill Core	0.51	10.3	58.9	600.7	1700	65.6	13.5	9.5	9129	2.03	90.9	1708	0.1	416	31.2	29.3	<0.1	64	15.61	0.025
2098475	Drill Core	2.25	1.4	100.7	145.5	1444	8.8	43.5	38.0	3336	5.97	106.6	361.4	0.8	31	16.0	15.7	<0.1	43	3.53	0.134
2098476	Drill Core	3.79	0.4	75.9	14.4	154	0.5	33.5	30.2	2208	5.64	8.0	4.6	1.1	82	6.1	3.1	<0.1	63	4.10	0.131
2098477	Rock Pulp	0.02	1078	8585	43.0	149	3.4	39.2	20.3	512	4.32	28.7	568.7	1.4	39	1.5	4.8	1.2	102	1.00	0.076
2098478	Drill Core	1.44	0.8	121.0	20.0	270	1.6	26.7	25.1	3204	4.73	20.0	38.6	0.6	209	3.5	2.5	<0.1	54	6.56	0.128
2098479	Drill Core	0.39	7.9	167.1	129.7	491	16.6	42.0	43.2	4892	5.36	245.1	690.7	1.0	36	5.9	25.3	<0.1	43	0.42	0.134
2098480	Drill Core	1.44	77.8	98.2	1600	4101	93.3	10.9	8.4	6412	1.56	59.8	3054	0.1	135	88.9	59.1	0.3	58	4.91	0.027
2098481	Drill Core	1.00	27.8	105.3	769.0	1873	33.9	43.7	31.4	8371	5.16	299.4	2736	0.5	153	30.8	23.6	<0.1	35	6.17	0.112
2098482	Drill Core	3.46	3.5	170.1	831.1	1729	31.9	40.9	41.5	4676	5.42	209.5	976.9	0.8	39	25.7	28.7	<0.1	45	4.07	0.137
2098483	Drill Core	0.94	0.8	266.1	42.0	353	3.2	45.4	43.6	2979	6.66	112.1	35.2	0.8	37	2.8	8.5	<0.1	52	4.63	0.127

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2098457	Drill Core	<1	3	1.25	115	<0.001	2	0.05	0.003	0.05	0.5	4.87	2.9	0.2	1.04	<1	1.9	0.4
2098458	Rock Pulp	5	31	0.59	130	0.113	7	1.24	0.085	0.10	0.9	0.06	4.7	<0.1	0.39	4	0.9	<0.2
2098459	Drill Core	2	10	0.85	36	0.002	2	0.14	0.002	0.15	1.0	5.75	7.3	0.9	3.58	<1	1.1	1.0
2098460	Drill Core	4	48	0.06	203	0.005	2	0.37	0.014	0.31	1.2	1.17	7.3	0.4	0.08	<1	<0.5	<0.2
2098461	Drill Core	2	71	1.36	146	0.005	2	0.32	0.021	0.36	1.0	0.66	6.4	0.2	0.67	<1	<0.5	<0.2
2098462	Drill Core	2	77	0.83	215	0.004	3	0.29	0.023	0.29	1.0	0.34	5.4	0.1	0.38	<1	<0.5	<0.2
2098463	Drill Core	4	42	0.10	323	0.011	3	0.29	0.033	0.25	0.9	0.31	5.8	<0.1	<0.05	<1	<0.5	<0.2
2098464	Drill Core	3	40	0.94	27	0.049	3	0.18	0.014	0.27	4.9	0.08	7.6	<0.1	<0.05	<1	<0.5	<0.2
2098465	Drill Core	1	15	0.81	34	0.004	3	0.20	0.009	0.24	1.5	1.38	7.4	0.7	3.23	<1	1.5	<0.2
2098466	Drill Core	<1	3	0.82	81	<0.001	2	0.04	0.009	0.05	3.3	6.72	2.4	0.2	1.26	<1	2.4	0.4
2098467	Drill Core	2	18	0.76	49	0.004	2	0.17	0.012	0.22	0.9	3.80	7.0	1.1	2.31	<1	1.1	0.4
2098468	Drill Core	2	45	0.88	116	0.007	3	0.25	0.017	0.30	1.3	1.32	7.1	0.2	0.95	<1	<0.5	<0.2
2098469	Drill Core	6	63	0.06	176	0.039	2	0.30	0.014	0.29	1.7	0.23	7.7	<0.1	<0.05	<1	<0.5	<0.2
2098470	Drill Core	4	20	0.05	130	0.020	2	0.25	0.007	0.27	2.2	1.83	7.3	0.2	<0.05	<1	<0.5	<0.2
2098471	Drill Core	<1	3	2.08	30	<0.001	2	0.05	0.009	0.07	0.5	7.46	3.0	0.1	0.49	<1	1.3	0.4
2098472	Drill Core	1	11	2.16	11	0.002	2	0.13	0.009	0.14	1.1	6.53	7.3	1.0	3.18	<1	1.5	0.2
2098473	Rock Chip	8	6	0.64	191	0.119	1	0.92	0.066	0.44	<0.1	0.02	2.4	0.2	<0.05	5	<0.5	<0.2
2098474	Drill Core	<1	3	0.79	98	<0.001	1	0.04	0.008	0.07	0.3	6.20	2.8	0.2	0.56	<1	0.9	<0.2
2098475	Drill Core	4	20	0.07	170	0.008	2	0.28	0.008	0.24	1.2	2.14	8.1	0.2	<0.05	<1	<0.5	<0.2
2098476	Drill Core	6	65	0.33	107	0.032	1	0.28	0.017	0.27	1.7	0.16	7.2	<0.1	<0.05	<1	<0.5	<0.2
2098477	Rock Pulp	7	58	1.06	44	0.138	6	1.74	0.118	0.55	13.5	0.13	8.8	0.4	2.01	6	4.5	0.6
2098478	Drill Core	3	31	0.66	29	0.022	2	0.21	0.008	0.25	2.2	0.46	6.5	<0.1	0.31	<1	<0.5	<0.2
2098479	Drill Core	5	18	0.03	67	0.007	2	0.25	0.009	0.27	1.3	2.00	9.2	0.3	0.09	<1	1.2	<0.2
2098480	Drill Core	<1	4	1.09	116	0.001	<1	0.07	0.012	0.06	0.3	9.85	2.2	<0.1	0.83	<1	3.1	0.4
2098481	Drill Core	1	12	1.20	25	0.003	2	0.17	0.009	0.20	1.2	3.99	7.2	1.1	3.93	<1	2.0	0.8
2098482	Drill Core	3	20	0.09	110	0.012	2	0.24	0.009	0.24	2.9	3.74	7.5	0.6	0.15	<1	0.8	0.4
2098483	Drill Core	4	60	0.08	215	0.007	2	0.30	0.011	0.23	1.7	0.56	7.8	0.1	<0.05	<1	<0.5	<0.2

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Project: Cariboo
Report Date: November 15, 2012

QUALITY CONTROL REPORT VAN12005099.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
2098449	Drill Core	1.21	127.6	124.0	1971	6332	>100	43.8	26.8	9838	3.83	297.0	3599	0.3	110	83.5	69.4	<0.1	35	4.94	0.076
REP 2098449	QC		125.9	121.7	1957	6280	>100	42.6	26.3	9772	3.77	295.6	3426	0.3	110	83.3	67.8	<0.1	35	4.89	0.073
2098458	Rock Pulp	0.05	369.8	3417	24.0	54	1.9	30.0	8.6	446	3.21	13.4	780.9	1.2	35	0.4	3.4	0.6	54	0.69	0.051
REP 2098458	QC		370.2	3403	24.1	54	1.9	30.0	8.6	446	3.17	13.6	850.3	1.2	38	0.3	3.3	0.6	53	0.70	0.054
2098470	Drill Core	1.07	4.1	80.6	313.9	1147	25.3	34.1	32.5	5311	4.74	76.6	2121	0.8	34	16.9	20.2	<0.1	55	3.50	0.138
REP 2098470	QC		3.7	74.8	298.9	1103	24.7	33.6	30.9	5282	4.54	75.5	2000	0.8	32	17.1	19.9	<0.1	54	3.37	0.129
2098478	Drill Core	1.44	0.8	121.0	20.0	270	1.6	26.7	25.1	3204	4.73	20.0	38.6	0.6	209	3.5	2.5	<0.1	54	6.56	0.128
REP 2098478	QC		0.5	120.3	19.1	288	1.5	28.9	26.0	3158	4.72	20.5	39.5	0.6	211	3.4	2.4	<0.1	54	6.55	0.125
Core Reject Duplicates																					
2098445	Drill Core	5.29	1.2	108.9	74.9	378	0.8	35.2	33.5	2770	5.61	16.4	4.8	0.9	121	11.9	4.0	<0.1	77	5.96	0.133
DUP 2098445	QC	<0.01	1.1	92.8	80.8	377	0.7	34.2	34.2	2772	5.66	16.2	3.6	0.9	116	11.6	3.7	<0.1	76	5.84	0.134
2098479	Drill Core	0.39	7.9	167.1	129.7	491	16.6	42.0	43.2	4892	5.36	245.1	690.7	1.0	36	5.9	25.3	<0.1	43	0.42	0.134
DUP 2098479	QC	<0.01	8.6	163.1	121.9	487	16.9	41.2	44.1	4820	5.45	244.0	677.8	1.0	37	5.7	24.2	<0.1	49	0.43	0.143
Reference Materials																					
STD DS9	Standard		14.0	114.7	132.8	316	1.9	41.0	7.8	599	2.42	27.4	188.5	7.4	81	2.7	5.8	7.7	44	0.76	0.085
STD DS9	Standard		13.7	106.3	129.4	310	1.7	40.3	7.4	606	2.34	24.1	132.1	7.1	73	2.0	4.9	6.4	43	0.75	0.078
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	0.2	<0.1	2	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	0.3	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	<0.1	2.3	3.0	49	<0.1	4.2	4.6	601	2.05	<0.5	<0.5	5.2	61	<0.1	<0.1	<0.1	39	0.47	0.080
G1	Prep Blank	<0.01	<0.1	2.2	2.9	47	<0.1	4.2	4.6	600	2.02	<0.5	<0.5	5.4	62	<0.1	<0.1	<0.1	39	0.47	0.082

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Project: Cariboo
Report Date: November 15, 2012

QUALITY CONTROL REPORT VAN12005099.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
2098449	Drill Core	<1	8	0.87	32	0.002	<1	0.13	0.003	0.13	3.0	13.33	5.0	2.1	3.54	<1	2.9	1.5
REP 2098449	QC	<1	8	0.86	32	0.002	2	0.13	0.004	0.13	2.9	13.81	5.0	2.1	3.50	<1	3.3	1.4
2098458	Rock Pulp	5	31	0.59	130	0.113	7	1.24	0.085	0.10	0.9	0.06	4.7	<0.1	0.39	4	0.9	<0.2
REP 2098458	QC	5	31	0.58	133	0.111	6	1.23	0.079	0.10	0.8	0.11	4.4	<0.1	0.39	4	1.0	<0.2
2098470	Drill Core	4	20	0.05	130	0.020	2	0.25	0.007	0.27	2.2	1.83	7.3	0.2	<0.05	<1	<0.5	<0.2
REP 2098470	QC	4	19	0.05	127	0.018	2	0.23	0.006	0.25	2.0	1.70	7.4	0.2	<0.05	<1	0.5	<0.2
2098478	Drill Core	3	31	0.66	29	0.022	2	0.21	0.008	0.25	2.2	0.46	6.5	<0.1	0.31	<1	<0.5	<0.2
REP 2098478	QC	3	33	0.66	28	0.023	1	0.20	0.008	0.25	2.2	0.49	6.6	0.1	0.32	<1	<0.5	<0.2
Core Reject Duplicates																		
2098445	Drill Core	4	40	0.70	81	0.028	2	0.28	0.008	0.34	1.4	0.60	9.0	<0.1	<0.05	<1	<0.5	<0.2
DUP 2098445	QC	5	39	0.66	83	0.027	2	0.29	0.009	0.32	1.4	0.61	8.3	<0.1	<0.05	<1	<0.5	<0.2
2098479	Drill Core	5	18	0.03	67	0.007	2	0.25	0.009	0.27	1.3	2.00	9.2	0.3	0.09	<1	1.2	<0.2
DUP 2098479	QC	5	20	0.04	69	0.008	2	0.30	0.011	0.35	1.4	1.85	9.9	0.2	0.09	1	1.4	<0.2
Reference Materials																		
STD DS9	Standard	15	123	0.65	336	0.124	2	1.00	0.087	0.41	3.2	0.21	2.9	5.6	0.17	5	4.9	5.6
STD DS9	Standard	14	121	0.65	297	0.122	2	1.01	0.090	0.40	3.0	0.20	2.7	5.4	0.17	5	5.6	4.9
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.03	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank	9	8	0.62	262	0.131	2	1.03	0.080	0.52	<0.1	<0.01	2.7	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	10	8	0.60	252	0.123	2	1.02	0.080	0.51	<0.1	<0.01	2.5	0.3	<0.05	5	<0.5	<0.2

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Submitted By: Tim Andrew
Receiving Lab: Canada-Vancouver
Received: October 31, 2012
Report Date: November 08, 2012
Page: 1 of 4

CERTIFICATE OF ANALYSIS VAN12005189.1

CLIENT JOB INFORMATION

Project:	Cariboo
Shipment ID:	12 Excal-3
P.O. Number	
Number of Samples:	75

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	72	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX2	75	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
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.

ADDITIONAL COMMENTS

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

CC: Perry Grunenberg
Andrew Roberts

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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 08, 2012

CERTIFICATE OF ANALYSIS VAN12005189.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
G1	Prep Blank	<0.01	<0.1	1.6	2.5	49	<0.1	3.7	4.4	581	2.02	<0.5	1.0	4.6	55	<0.1	<0.1	<0.1	37	0.44	0.079
G1	Prep Blank	<0.01	<0.1	1.6	2.4	48	<0.1	3.8	4.4	593	1.98	<0.5	<0.5	5.2	59	<0.1	<0.1	<0.1	36	0.45	0.081
2098484	Drill Core	2.40	0.6	76.9	16.0	191	2.0	37.7	31.4	2957	5.74	49.0	11.4	1.0	125	1.4	3.1	<0.1	42	7.81	0.144
2098485	Drill Core	0.90	45.7	160.1	2568	4824	87.6	52.9	50.6	7188	6.90	330.2	6803	0.8	51	62.1	43.2	<0.1	41	0.64	0.137
2098486	Drill Core	0.52	72.9	63.9	779.4	4952	32.8	20.1	15.7	9300	3.06	114.3	2667	0.2	173	71.3	23.8	<0.1	36	5.21	0.049
2098487	Drill Core	1.26	10.1	153.0	942.4	4308	43.4	54.7	47.8	6825	6.27	233.5	2681	0.9	39	43.0	32.3	<0.1	40	0.44	0.158
2098488	Drill Core	3.07	1.1	142.2	20.7	549	2.3	43.4	39.1	1760	5.69	80.2	362.8	0.7	228	3.5	6.4	<0.1	52	4.85	0.145
2098489	Drill Core	5.09	0.2	36.4	9.3	87	0.1	55.9	34.7	1347	5.70	13.6	6.0	0.8	226	0.6	1.2	<0.1	181	5.24	0.134
2098490	Drill Core	2.21	0.3	18.0	4.7	84	0.2	35.8	30.7	1916	5.86	10.0	2.1	0.9	70	0.3	2.7	<0.1	66	7.93	0.119
2098491	Drill Core	5.23	0.4	106.2	6.5	95	1.0	42.2	31.4	1937	5.38	27.4	8.0	0.6	337	0.3	2.5	<0.1	64	6.54	0.120
2098492	Drill Core	1.57	14.3	106.6	332.6	1182	22.4	48.4	39.1	4690	6.56	222.4	3240	0.6	170	15.1	16.8	<0.1	26	4.63	0.157
2098493	Rock Chip	0.29	0.1	2.1	3.5	49	<0.1	3.5	4.2	549	1.86	<0.5	1.0	4.8	63	<0.1	<0.1	<0.1	34	0.62	0.076
2098494	Drill Core	2.16	116.8	95.0	3884	>10000	50.6	27.4	19.2	7314	2.94	152.6	8698	0.2	296	136.4	29.1	0.3	26	7.94	0.055
2098495	Drill Core	1.09	2.4	134.1	266.3	1385	10.4	41.7	38.6	3022	5.41	153.9	445.8	0.4	258	9.8	6.9	<0.1	27	6.58	0.151
2098496	Drill Core	3.62	1.5	272.8	53.7	396	1.9	15.4	23.1	2334	4.54	24.4	41.3	1.2	246	3.0	2.7	<0.1	29	4.20	0.228
2098497	Drill Core	0.63	2.1	178.9	37.5	574	2.2	17.5	39.3	3019	4.24	30.1	52.3	1.1	37	3.4	1.8	<0.1	28	2.79	0.163
2098498	Drill Core	2.10	1.4	71.8	68.0	478	0.9	32.3	26.2	3263	5.46	17.0	19.7	0.8	158	2.7	1.6	<0.1	57	7.02	0.126
2098499	Drill Core	2.88	15.5	110.4	486.6	899	12.6	48.7	38.1	4001	6.23	146.1	877.9	0.5	198	10.4	11.4	<0.1	47	5.69	0.130
2098500	Drill Core	1.94	129.4	53.5	1473	7519	32.8	16.9	9.4	>10000	2.55	64.8	3083	0.1	166	116.1	27.5	<0.1	31	8.58	0.047
2098501	Drill Core	4.85	4.8	112.2	197.4	800	5.7	48.7	34.4	3484	5.52	186.4	711.0	0.4	333	10.7	9.1	<0.1	67	7.02	0.143
2098502	Drill Core	4.27	2.1	379.7	73.6	408	1.8	15.3	23.6	2629	4.43	27.7	16.9	1.4	202	6.2	6.0	<0.1	34	3.94	0.203
2098503	Drill Core	1.25	0.8	107.6	8.7	140	0.6	12.5	19.6	1460	4.18	10.0	3.9	1.7	126	1.3	1.2	<0.1	25	4.30	0.222
2098504	Rock Pulp	0.05	370.6	3453	24.1	56	1.9	31.1	8.6	467	3.20	13.5	887.9	1.2	36	0.2	3.8	0.6	51	0.71	0.054
2098505	Drill Core	0.50	0.4	40.8	30.6	353	0.6	18.7	20.7	2445	4.24	26.7	18.9	0.8	234	1.7	0.9	<0.1	31	5.41	0.141
2098506	Drill Core	4.43	0.5	53.0	9.8	163	0.4	37.1	28.7	2066	5.76	17.0	5.4	0.9	201	0.9	5.4	<0.1	68	6.75	0.124
2098507	Drill Core	3.53	1.4	60.9	62.9	348	6.3	41.3	31.5	2499	5.61	55.0	144.7	0.5	339	3.1	3.4	<0.1	59	6.02	0.131
2098508	Drill Core	1.13	23.0	120.0	2888	2820	45.5	44.9	45.1	3987	7.25	317.3	1971	0.8	67	33.9	23.9	0.1	31	0.88	0.138
2098509	Drill Core	2.43	106.0	68.2	1262	4370	27.2	25.0	17.6	6657	3.07	138.7	3889	0.2	200	64.4	17.8	<0.1	26	5.32	0.057
2098510	Drill Core	3.15	1.4	184.4	60.5	395	3.1	39.7	30.8	2752	5.10	147.0	206.9	0.4	349	3.8	8.1	<0.1	42	6.93	0.123
2098511	Drill Core	4.96	2.3	223.3	86.5	530	4.8	13.6	22.8	3452	4.36	23.3	158.7	1.3	143	4.2	4.8	<0.1	36	3.79	0.189

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CERTIFICATE OF ANALYSIS VAN12005189.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
G1	Prep Blank	9	8	0.60	232	0.109	2	0.95	0.061	0.47	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	9	7	0.59	234	0.114	<1	0.96	0.068	0.48	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2
2098484	Drill Core	5	59	0.13	197	0.005	2	0.35	0.007	0.31	1.0	0.11	6.4	0.2	<0.05	1	<0.5	<0.2
2098485	Drill Core	3	16	0.03	244	0.003	2	0.32	0.007	0.22	3.1	8.19	9.1	1.3	0.13	1	0.8	4.2
2098486	Drill Core	<1	5	0.34	99	0.001	1	0.11	0.005	0.08	0.6	5.94	3.6	0.4	0.49	1	1.4	1.1
2098487	Drill Core	4	20	0.04	338	0.004	1	0.33	0.005	0.24	1.6	7.55	7.6	1.3	0.10	2	1.2	0.5
2098488	Drill Core	4	95	1.82	154	0.033	2	0.71	0.010	0.52	0.4	0.75	6.5	0.6	<0.05	2	<0.5	<0.2
2098489	Drill Core	5	164	3.26	103	0.177	1	2.82	0.029	1.11	0.2	0.04	18.0	0.4	<0.05	9	<0.5	<0.2
2098490	Drill Core	5	67	0.12	105	0.034	1	0.29	0.012	0.19	1.1	0.01	7.5	<0.1	<0.05	1	<0.5	<0.2
2098491	Drill Core	3	109	2.27	78	0.022	2	0.48	0.014	0.40	0.4	0.04	6.6	0.3	0.08	2	<0.5	<0.2
2098492	Drill Core	2	25	0.57	58	0.003	<1	0.27	0.008	0.21	0.9	1.01	6.5	2.0	2.10	1	1.0	1.5
2098493	Rock Chip	8	6	0.62	212	0.107	<1	0.91	0.061	0.45	<0.1	0.02	2.1	0.3	<0.05	5	<0.5	<0.2
2098494	Drill Core	<1	6	0.57	62	0.001	1	0.09	0.005	0.08	0.7	9.07	4.6	0.6	2.35	<1	3.5	2.3
2098495	Drill Core	2	41	0.54	164	0.004	1	0.29	0.006	0.27	1.2	1.48	6.1	0.3	0.90	1	<0.5	<0.2
2098496	Drill Core	6	17	0.50	227	0.004	1	0.40	0.020	0.30	0.2	0.42	3.1	<0.1	0.15	1	<0.5	<0.2
2098497	Drill Core	6	14	0.05	158	0.014	<1	0.31	0.010	0.23	0.7	0.41	4.7	<0.1	0.07	<1	<0.5	<0.2
2098498	Drill Core	3	64	0.51	62	0.016	1	0.28	0.006	0.26	0.7	0.43	7.5	<0.1	0.10	1	<0.5	<0.2
2098499	Drill Core	2	93	0.83	79	0.006	<1	0.28	0.009	0.23	1.0	1.30	7.8	0.8	0.33	1	0.9	0.7
2098500	Drill Core	<1	4	0.57	182	0.001	<1	0.07	0.003	0.06	0.6	8.73	3.5	0.2	0.50	1	1.5	0.4
2098501	Drill Core	2	93	1.68	106	0.097	1	1.26	0.009	0.93	0.9	1.13	6.7	1.1	1.50	3	<0.5	<0.2
2098502	Drill Core	8	19	0.49	229	0.007	2	0.40	0.019	0.28	0.2	0.45	3.1	<0.1	<0.05	1	<0.5	<0.2
2098503	Drill Core	9	16	0.37	293	0.005	1	0.40	0.018	0.29	0.2	0.08	3.2	<0.1	<0.05	<1	<0.5	<0.2
2098504	Rock Pulp	5	33	0.58	131	0.110	7	1.26	0.087	0.11	0.9	0.10	4.7	<0.1	0.39	5	0.8	<0.2
2098505	Drill Core	3	41	0.60	361	0.006	2	0.26	0.008	0.26	0.6	0.29	4.7	<0.1	0.21	<1	<0.5	<0.2
2098506	Drill Core	5	86	0.90	49	0.019	1	0.23	0.012	0.21	0.6	0.11	7.0	<0.1	<0.05	1	<0.5	<0.2
2098507	Drill Core	2	94	2.01	95	0.032	<1	0.44	0.010	0.42	0.3	0.28	6.8	0.7	0.76	2	0.8	<0.2
2098508	Drill Core	4	18	0.06	104	0.004	1	0.31	0.012	0.21	0.7	1.87	8.2	2.1	0.31	<1	1.1	2.3
2098509	Drill Core	<1	6	0.81	41	0.001	<1	0.09	0.006	0.08	0.9	4.05	3.4	0.7	2.45	<1	2.1	1.2
2098510	Drill Core	2	72	1.43	106	0.022	1	0.43	0.009	0.40	0.6	0.42	6.3	0.6	1.28	1	<0.5	<0.2
2098511	Drill Core	7	13	0.23	410	0.007	1	0.41	0.021	0.27	0.6	0.55	3.2	<0.1	0.09	1	<0.5	<0.2

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Project: Cariboo
Report Date: November 08, 2012

CERTIFICATE OF ANALYSIS VAN12005189.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2098512	Drill Core	4.64	0.8	68.0	14.5	253	0.7	33.6	26.9	2469	6.05	14.2	6.8	1.1	111	1.4	2.6	<0.1	71	5.30	0.132
2098513	Drill Core	4.28	1.7	102.4	228.8	865	7.4	31.8	29.0	3957	4.59	93.0	251.0	0.5	233	12.1	7.0	<0.1	44	6.92	0.131
2098514	Rock Chip	0.37	0.1	1.7	3.5	45	<0.1	3.3	4.0	559	1.93	<0.5	<0.5	4.9	63	<0.1	<0.1	<0.1	34	0.65	0.075
2098515	Drill Core	0.64	28.2	157.0	765.2	2721	32.1	62.5	45.1	8527	7.25	263.1	2563	0.9	58	55.3	28.7	<0.1	19	1.43	0.152
2098516	Drill Core	1.94	73.9	79.7	688.2	2475	33.8	12.8	7.4	3602	1.60	71.8	2342	0.2	49	39.1	23.0	<0.1	21	2.00	0.035
2098517	Drill Core	1.21	1.0	172.3	43.0	555	1.4	41.4	35.2	2708	5.54	89.8	35.2	0.5	216	4.6	4.8	0.2	40	7.50	0.141
2098518	Drill Core	4.83	0.4	151.0	11.2	111	0.3	65.0	36.3	1634	5.74	43.2	15.5	0.9	247	0.8	3.6	<0.1	157	6.24	0.130
2098519	Drill Core	4.41	0.9	187.9	83.7	475	1.1	11.9	22.0	2151	4.37	28.0	9.4	1.5	158	2.7	8.6	<0.1	33	3.82	0.193
2098520	Drill Core	3.61	1.3	130.5	78.0	417	1.8	31.0	34.2	3148	5.56	41.9	33.4	1.2	43	2.8	3.1	<0.1	48	4.52	0.156
2098521	Drill Core	5.26	0.7	100.0	27.1	189	3.1	41.1	31.1	2059	5.46	32.3	54.5	0.5	315	1.4	3.2	<0.1	55	6.35	0.127
2098522	Drill Core	1.03	2.9	169.2	64.6	729	7.7	41.4	36.7	5236	5.70	112.3	411.6	0.9	59	7.6	6.2	<0.1	49	4.17	0.155
2098523	Drill Core	2.21	1.6	71.6	39.2	164	1.7	43.3	35.8	2197	5.86	66.6	30.5	0.5	124	0.9	8.9	<0.1	52	6.12	0.117
2098524	Drill Core	0.83	0.2	15.4	33.7	123	0.4	34.6	26.4	2358	4.94	43.5	7.9	0.6	119	0.5	2.0	<0.1	39	4.61	0.107
2098525	Rock Pulp	0.05	1094	9180	44.7	157	3.8	37.9	20.9	520	4.48	33.0	535.8	1.5	46	<0.1	6.3	1.3	101	0.99	0.081
2098526	Drill Core	3.80	0.5	118.4	8.7	176	0.7	44.7	29.7	2128	5.57	29.9	10.4	0.5	152	0.9	6.4	<0.1	64	5.59	0.112
2098527	Drill Core	1.96	0.7	67.1	6.0	174	0.6	45.4	37.2	2159	5.40	40.2	5.7	0.9	82	0.5	9.1	<0.1	60	6.52	0.124
2098528	Drill Core	5.45	1.5	486.2	43.2	461	4.5	45.9	35.5	2928	6.32	70.1	68.0	0.7	84	4.2	6.0	<0.1	62	4.47	0.128
2098529	Drill Core	1.71	78.8	121.7	849.8	1967	17.6	43.3	36.7	6305	5.15	144.6	4923	0.5	142	29.8	9.9	1.0	40	4.50	0.133
2098530	Drill Core	1.00	72.3	116.4	299.4	3324	29.1	20.4	27.4	5776	2.82	160.6	2264	0.4	50	52.9	42.1	0.1	14	2.01	0.051
2098531	Drill Core	1.57	171.5	206.9	2713	5554	91.7	54.3	40.9	>10000	6.19	454.6	11099	0.9	128	114.9	48.7	<0.1	44	0.16	0.115
2098532	Drill Core	0.91	6.0	419.3	486.6	2286	14.7	53.5	36.3	4137	6.02	104.3	1017	0.9	83	29.5	14.8	<0.1	55	5.04	0.157
2098533	Drill Core	5.31	1.0	100.7	31.7	275	0.7	54.9	36.4	2041	5.96	27.9	42.1	0.9	191	3.2	3.4	<0.1	131	5.84	0.141
2098534	Drill Core	5.73	0.9	101.1	63.9	293	0.6	87.9	42.0	2626	5.92	29.8	52.6	0.8	128	3.0	5.7	<0.1	83	7.58	0.143
2098535	Drill Core	2.45	0.5	74.2	6.5	90	0.3	46.0	32.4	1868	5.95	22.8	7.6	0.9	146	0.8	2.3	<0.1	76	6.03	0.119
2098536	Rock Chip	0.37	0.1	2.0	3.5	49	<0.1	3.6	4.2	566	1.89	<0.5	2.2	4.9	64	<0.1	<0.1	<0.1	34	0.64	0.077
2098537	Drill Core	0.75	0.2	118.1	5.5	66	0.6	39.5	27.0	1764	4.69	23.0	8.2	0.6	165	0.6	3.1	<0.1	61	5.39	0.105
2098538	Drill Core	1.71	0.2	57.8	4.3	67	0.5	43.9	29.8	1729	5.37	27.1	6.1	0.8	177	0.2	5.1	<0.1	89	5.76	0.120
2098539	Drill Core	6.31	1.5	113.6	43.3	536	3.0	43.9	33.8	2677	5.52	55.5	73.9	0.7	114	4.4	4.9	<0.1	66	6.13	0.124
2098540	Drill Core	4.06	0.5	88.1	13.3	231	0.7	52.8	35.5	1662	5.96	14.9	11.1	0.6	124	2.0	2.6	<0.1	78	5.08	0.143
2098541	Drill Core	0.96	1.9	47.7	31.1	532	1.7	38.4	38.7	2464	5.79	67.1	222.5	0.9	44	7.1	5.5	<0.1	30	4.60	0.160

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2098512	Drill Core	6	65	0.38	105	0.041	<1	0.26	0.007	0.23	1.0	0.14	6.9	<0.1	<0.05	1	<0.5	<0.2
2098513	Drill Core	2	31	0.57	94	0.008	<1	0.29	0.006	0.27	1.3	0.98	6.3	0.4	0.75	1	0.6	<0.2
2098514	Rock Chip	8	6	0.63	214	0.107	<1	0.92	0.060	0.45	<0.1	<0.01	2.3	0.2	<0.05	5	<0.5	<0.2
2098515	Drill Core	4	18	0.03	202	0.002	<1	0.33	0.007	0.20	0.9	1.27	11.8	3.8	0.09	1	1.4	4.5
2098516	Drill Core	1	5	0.02	163	0.001	<1	0.10	0.009	0.07	0.6	4.13	2.3	0.3	0.07	<1	0.7	2.5
2098517	Drill Core	3	111	0.37	279	0.012	3	0.42	0.012	0.32	1.1	0.32	4.7	0.5	0.13	1	<0.5	<0.2
2098518	Drill Core	5	185	3.03	257	0.243	2	2.82	0.012	2.47	3.9	0.07	14.2	1.9	<0.05	7	<0.5	<0.2
2098519	Drill Core	8	15	0.22	206	0.011	5	0.42	0.019	0.27	0.3	0.59	2.9	0.2	<0.05	1	<0.5	<0.2
2098520	Drill Core	6	61	0.07	176	0.012	4	0.32	0.007	0.26	0.7	0.40	5.8	0.1	<0.05	<1	<0.5	<0.2
2098521	Drill Core	2	98	1.93	93	0.020	2	0.42	0.012	0.35	0.3	0.15	6.4	0.4	0.18	1	<0.5	<0.2
2098522	Drill Core	4	30	0.05	208	0.017	2	0.28	0.005	0.23	1.9	0.29	7.5	0.6	<0.05	<1	<0.5	<0.2
2098523	Drill Core	2	91	1.03	22	0.006	2	0.24	0.007	0.23	0.3	0.22	6.4	0.1	0.43	<1	<0.5	<0.2
2098524	Drill Core	3	91	1.15	38	0.003	2	0.15	0.009	0.16	0.3	0.08	7.2	<0.1	<0.05	<1	<0.5	<0.2
2098525	Rock Pulp	7	63	1.06	70	0.141	6	1.74	0.111	0.55	14.4	0.12	9.3	0.4	1.97	6	5.3	0.6
2098526	Drill Core	2	92	2.30	18	0.021	<1	0.39	0.007	0.33	0.4	0.23	7.5	0.2	0.14	2	<0.5	<0.2
2098527	Drill Core	5	94	0.52	115	0.021	2	0.34	0.006	0.25	0.6	0.19	6.9	0.1	<0.05	1	<0.5	<0.2
2098528	Drill Core	3	86	0.81	109	0.011	1	0.31	0.005	0.26	0.6	0.66	6.7	0.2	<0.05	1	<0.5	<0.2
2098529	Drill Core	2	34	0.50	111	0.010	<1	0.27	0.008	0.23	1.2	1.62	5.4	0.6	1.42	<1	0.7	0.8
2098530	Drill Core	2	6	0.02	78	0.001	<1	0.13	0.004	0.10	1.5	1.94	4.0	0.5	0.06	<1	<0.5	1.0
2098531	Drill Core	5	10	0.02	375	0.002	<1	0.22	0.004	0.18	21.5	10.16	7.7	1.4	0.10	<1	1.1	2.7
2098532	Drill Core	5	95	0.11	277	0.012	1	0.42	0.006	0.30	12.4	2.01	5.7	0.7	<0.05	1	<0.5	<0.2
2098533	Drill Core	5	146	2.36	146	0.208	<1	2.28	0.011	1.59	6.1	0.25	10.2	1.6	<0.05	6	<0.5	<0.2
2098534	Drill Core	4	235	1.33	277	0.091	<1	1.30	0.008	0.72	0.9	0.31	9.8	0.7	<0.05	4	<0.5	<0.2
2098535	Drill Core	5	105	1.63	69	0.025	1	0.45	0.007	0.38	0.3	0.09	7.9	0.3	<0.05	2	<0.5	<0.2
2098536	Rock Chip	8	7	0.65	209	0.120	1	0.93	0.061	0.45	<0.1	0.03	2.2	0.3	<0.05	5	<0.5	<0.2
2098537	Drill Core	3	77	2.15	19	0.034	1	0.41	0.007	0.37	0.3	0.07	7.8	0.3	<0.05	2	<0.5	<0.2
2098538	Drill Core	4	72	2.16	17	0.059	2	0.36	0.010	0.34	0.5	0.05	7.9	0.2	<0.05	2	<0.5	<0.2
2098539	Drill Core	3	100	1.17	58	0.022	2	0.40	0.006	0.33	0.5	0.44	7.4	0.3	0.11	2	<0.5	<0.2
2098540	Drill Core	4	140	1.83	164	0.126	1	1.55	0.009	1.05	0.3	0.05	7.2	1.1	<0.05	4	<0.5	<0.2
2098541	Drill Core	5	113	0.09	216	0.004	<1	0.43	0.010	0.26	1.2	0.08	5.9	0.5	<0.05	1	<0.5	<0.2

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Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2098542	Drill Core	2.82	213.9	149.8	1667	5916	68.0	36.1	26.7	5081	4.14	238.1	7432	0.6	32	88.6	38.9	<0.1	39	0.90	0.100
2098543	Drill Core	2.84	1.4	165.1	37.9	410	1.7	47.7	32.6	2904	5.31	63.4	98.5	0.5	236	5.1	5.4	<0.1	59	8.05	0.146
2098544	Drill Core	3.70	0.8	85.9	19.8	182	0.9	53.2	36.4	2060	6.00	23.4	47.8	0.6	189	1.1	2.6	<0.1	119	5.85	0.130
2098545	Rock Pulp	0.05	366.9	3404	24.0	53	1.8	30.6	8.8	436	3.20	13.0	915.9	1.3	36	<0.1	3.6	0.5	50	0.70	0.050
2098546	Drill Core	3.32	2.2	138.1	91.2	826	3.6	39.2	32.5	3906	5.85	59.3	91.3	0.8	126	10.4	6.8	<0.1	60	5.15	0.138
2098547	Drill Core	3.15	161.3	288.5	2329	4334	56.7	27.2	18.2	7436	2.93	155.7	2179	0.2	204	68.5	83.7	<0.1	32	6.76	0.061
2098548	Drill Core	2.42	12.2	161.4	113.6	699	8.1	43.8	34.5	3576	5.69	129.4	692.0	0.4	292	7.8	10.9	<0.1	43	7.19	0.139
2098549	Drill Core	6.47	0.7	87.0	13.0	170	0.5	60.3	32.7	1449	4.85	15.6	20.6	0.6	202	1.3	2.9	<0.1	119	5.62	0.115
2098550	Drill Core	4.86	1.1	145.2	274.0	695	1.5	60.4	33.1	2358	5.42	35.6	57.8	0.7	197	8.8	4.9	<0.1	53	6.40	0.139
2098551	Drill Core	2.19	0.6	72.1	42.7	314	0.5	36.1	26.5	2207	5.19	21.6	9.1	0.8	258	3.7	9.3	<0.1	54	6.75	0.127
2098552	Drill Core	5.73	0.9	87.0	28.0	174	0.5	33.9	29.0	2361	5.03	33.0	14.9	0.6	166	1.9	1.9	0.1	45	8.14	0.132
2098553	Drill Core	4.33	0.9	103.4	29.5	220	1.8	45.3	34.7	2927	5.87	41.3	129.6	0.7	113	2.3	3.2	<0.1	67	6.60	0.141
2098554	Drill Core	1.80	244.8	140.7	2490	7929	85.7	56.8	35.0	8492	4.88	297.8	7944	0.7	51	80.0	37.3	<0.1	67	1.20	0.122
2098555	Drill Core	1.77	416.6	558.6	3703	8847	68.2	46.1	33.4	>10000	5.49	296.2	5315	0.4	101	110.0	57.3	0.2	56	3.12	0.101
2098556	Rock Chip	0.31	0.3	2.7	7.1	53	0.3	3.4	4.2	580	1.89	1.5	3.2	4.8	65	<0.1	0.1	<0.1	35	0.66	0.076
2098557	Drill Core	2.87	4.2	221.5	212.2	1401	4.7	48.8	37.0	3716	5.82	109.6	1229	0.7	101	19.4	13.6	<0.1	70	6.06	0.148
2098558	Drill Core	6.22	0.8	93.6	78.5	415	0.7	72.0	35.6	2404	5.61	26.7	35.2	0.7	217	5.4	3.2	<0.1	118	6.61	0.147

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Project: Cariboo
Report Date: November 08, 2012

CERTIFICATE OF ANALYSIS VAN12005189.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2098542	Drill Core	3	11	0.02	118	0.002	<1	0.19	0.004	0.15	4.4	7.77	5.2	0.7	0.33	<1	0.7	6.6
2098543	Drill Core	3	151	0.78	212	0.069	<1	0.85	0.008	0.66	4.2	0.36	5.6	0.9	0.06	3	<0.5	<0.2
2098544	Drill Core	3	138	2.31	140	0.187	<1	1.87	0.010	1.48	0.8	0.14	9.0	1.5	<0.05	5	<0.5	<0.2
2098545	Rock Pulp	5	32	0.57	121	0.114	6	1.24	0.086	0.11	0.9	0.08	4.4	0.1	0.38	5	1.5	<0.2
2098546	Drill Core	4	75	0.63	155	0.020	<1	0.27	0.007	0.23	1.5	0.43	7.0	0.3	0.08	<1	<0.5	<0.2
2098547	Drill Core	<1	6	0.62	72	0.002	<1	0.12	0.007	0.09	0.8	4.42	3.9	0.4	1.83	<1	2.5	1.2
2098548	Drill Core	2	83	0.73	134	0.007	<1	0.32	0.006	0.30	0.9	0.84	5.0	0.4	0.89	1	<0.5	<0.2
2098549	Drill Core	3	155	2.28	183	0.179	<1	2.06	0.008	1.38	1.9	0.08	9.0	1.4	<0.05	5	<0.5	<0.2
2098550	Drill Core	5	138	1.04	145	0.038	1	0.84	0.011	0.53	0.3	0.95	5.8	0.4	<0.05	3	0.6	<0.2
2098551	Drill Core	4	77	1.09	86	0.015	1	0.29	0.009	0.26	0.8	0.53	5.3	<0.1	<0.05	<1	<0.5	<0.2
2098552	Drill Core	3	64	0.49	145	0.006	2	0.29	0.010	0.26	1.3	0.23	4.8	<0.1	0.06	<1	<0.5	<0.2
2098553	Drill Core	4	112	1.16	233	0.070	2	0.79	0.005	0.64	0.6	0.10	6.5	0.8	<0.05	2	<0.5	<0.2
2098554	Drill Core	4	12	0.03	262	0.002	1	0.23	0.003	0.20	15.3	8.70	8.2	1.0	0.16	1	1.0	3.7
2098555	Drill Core	2	8	0.43	215	0.002	1	0.24	0.009	0.13	3.1	8.34	6.6	0.6	0.26	<1	2.3	2.6
2098556	Rock Chip	9	8	0.65	210	0.112	<1	0.94	0.061	0.44	0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2
2098557	Drill Core	3	109	0.69	259	0.071	2	0.87	0.006	0.60	2.1	1.07	6.3	1.0	<0.05	2	<0.5	<0.2
2098558	Drill Core	3	175	2.12	205	0.204	2	2.14	0.005	1.67	0.8	0.21	9.0	1.1	<0.05	5	<0.5	<0.2

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Project: Cariboo
Report Date: November 08, 2012

QUALITY CONTROL REPORT VAN12005189.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
2098503	Drill Core	1.25	0.8	107.6	8.7	140	0.6	12.5	19.6	1460	4.18	10.0	3.9	1.7	126	1.3	1.2	<0.1	25	4.30	0.222
REP 2098503	QC		0.9	107.7	8.7	141	0.5	13.2	20.2	1474	4.24	9.8	3.3	1.6	129	1.3	1.4	<0.1	24	4.34	0.220
2098511	Drill Core	4.96	2.3	223.3	86.5	530	4.8	13.6	22.8	3452	4.36	23.3	158.7	1.3	143	4.2	4.8	<0.1	36	3.79	0.189
REP 2098511	QC		2.3	222.1	88.2	520	4.8	13.5	22.5	3467	4.37	22.6	181.6	1.4	151	4.1	4.7	<0.1	36	3.78	0.201
2098538	Drill Core	1.71	0.2	57.8	4.3	67	0.5	43.9	29.8	1729	5.37	27.1	6.1	0.8	177	0.2	5.1	<0.1	89	5.76	0.120
REP 2098538	QC		0.2	58.7	4.0	64	0.5	43.5	29.5	1732	5.28	26.8	4.6	0.8	179	0.3	5.3	<0.1	89	5.76	0.120
2098546	Drill Core	3.32	2.2	138.1	91.2	826	3.6	39.2	32.5	3906	5.85	59.3	91.3	0.8	126	10.4	6.8	<0.1	60	5.15	0.138
REP 2098546	QC		2.7	133.2	94.3	837	3.6	40.3	33.1	3935	5.87	59.9	114.0	0.8	127	10.7	6.6	<0.1	58	5.18	0.137
2098558	Drill Core	6.22	0.8	93.6	78.5	415	0.7	72.0	35.6	2404	5.61	26.7	35.2	0.7	217	5.4	3.2	<0.1	118	6.61	0.147
REP 2098558	QC		0.9	90.8	77.4	399	0.7	70.3	34.9	2401	5.56	26.7	26.5	0.8	220	5.7	3.1	<0.1	117	6.51	0.152
Core Reject Duplicates																					
2098494	Drill Core	2.16	116.8	95.0	3884	>10000	50.6	27.4	19.2	7314	2.94	152.6	8698	0.2	296	136.4	29.1	0.3	26	7.94	0.055
DUP 2098494	QC	<0.01	121.8	101.7	4508	>10000	54.6	28.7	19.6	7000	2.97	163.1	4978	0.2	294	147.6	32.7	0.3	26	7.76	0.061
2098528	Drill Core	5.45	1.5	486.2	43.2	461	4.5	45.9	35.5	2928	6.32	70.1	68.0	0.7	84	4.2	6.0	<0.1	62	4.47	0.128
DUP 2098528	QC	<0.01	1.5	458.7	41.8	452	4.4	45.2	35.2	2970	6.44	68.9	85.2	0.8	86	3.9	5.1	<0.1	66	4.67	0.130
Reference Materials																					
STD DS9	Standard		14.5	114.6	136.2	318	1.7	43.0	8.1	586	2.41	27.1	117.5	6.8	75	2.5	6.1	6.5	40	0.73	0.088
STD DS9	Standard		13.6	108.1	134.0	319	1.9	41.1	7.6	613	2.39	26.1	127.5	6.8	77	2.5	6.1	6.8	41	0.75	0.078
STD DS9	Standard		13.4	106.3	136.6	310	1.9	41.9	7.8	610	2.37	25.8	134.8	6.7	68	2.4	5.5	6.2	41	0.75	0.085
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank		<0.1	0.3	<0.1	<1	<0.1	<0.1	<0.1	1	0.01	<0.5	1.2	<0.1	<1	<0.1	<0.1	<0.1	<2	0.01	<0.001
BLK	Blank		<0.1	0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	<0.1	1.6	2.5	49	<0.1	3.7	4.4	581	2.02	<0.5	1.0	4.6	55	<0.1	<0.1	<0.1	37	0.44	0.079
G1	Prep Blank	<0.01	<0.1	1.6	2.4	48	<0.1	3.8	4.4	593	1.98	<0.5	<0.5	5.2	59	<0.1	<0.1	<0.1	36	0.45	0.081

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Project: Cariboo
Report Date: November 08, 2012

QUALITY CONTROL REPORT VAN12005189.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
2098503	Drill Core	9	16	0.37	293	0.005	1	0.40	0.018	0.29	0.2	0.08	3.2	<0.1	<0.05	<1	<0.5	<0.2
REP 2098503	QC	9	16	0.37	295	0.005	2	0.39	0.018	0.29	0.2	0.11	3.2	<0.1	<0.05	1	<0.5	<0.2
2098511	Drill Core	7	13	0.23	410	0.007	1	0.41	0.021	0.27	0.6	0.55	3.2	<0.1	0.09	1	<0.5	<0.2
REP 2098511	QC	7	13	0.24	413	0.007	1	0.40	0.021	0.28	0.6	0.56	3.3	<0.1	0.09	1	0.7	<0.2
2098538	Drill Core	4	72	2.16	17	0.059	2	0.36	0.010	0.34	0.5	0.05	7.9	0.2	<0.05	2	<0.5	<0.2
REP 2098538	QC	4	71	2.16	18	0.059	1	0.36	0.009	0.33	0.5	0.04	7.9	0.2	<0.05	2	<0.5	<0.2
2098546	Drill Core	4	75	0.63	155	0.020	<1	0.27	0.007	0.23	1.5	0.43	7.0	0.3	0.08	<1	<0.5	<0.2
REP 2098546	QC	4	76	0.64	157	0.020	<1	0.30	0.008	0.23	1.5	0.47	7.2	0.3	0.07	<1	<0.5	<0.2
2098558	Drill Core	3	175	2.12	205	0.204	2	2.14	0.005	1.67	0.8	0.21	9.0	1.1	<0.05	5	<0.5	<0.2
REP 2098558	QC	4	177	2.12	199	0.202	1	2.16	0.005	1.66	0.9	0.22	9.1	1.1	<0.05	6	<0.5	<0.2
Core Reject Duplicates																		
2098494	Drill Core	<1	6	0.57	62	0.001	1	0.09	0.005	0.08	0.7	9.07	4.6	0.6	2.35	<1	3.5	2.3
DUP 2098494	QC	<1	6	0.59	63	0.002	1	0.10	0.006	0.09	0.7	9.76	4.7	0.6	2.61	<1	2.6	2.1
2098528	Drill Core	3	86	0.81	109	0.011	1	0.31	0.005	0.26	0.6	0.66	6.7	0.2	<0.05	1	<0.5	<0.2
DUP 2098528	QC	4	92	0.85	105	0.013	2	0.33	0.005	0.28	0.7	0.62	7.0	0.2	<0.05	1	<0.5	<0.2
Reference Materials																		
STD DS9	Standard	14	129	0.63	307	0.122	4	0.96	0.083	0.40	3.0	0.21	2.4	5.5	0.16	5	5.5	5.0
STD DS9	Standard	15	120	0.63	308	0.119	3	0.98	0.087	0.41	3.2	0.22	2.8	5.6	0.17	5	5.9	5.8
STD DS9	Standard	15	124	0.65	311	0.114	3	1.01	0.084	0.41	3.0	0.24	2.6	5.7	0.16	5	5.5	5.5
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank	9	8	0.60	232	0.109	2	0.95	0.061	0.47	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	9	7	0.59	234	0.114	<1	0.96	0.068	0.48	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2

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Submitted By: Tim Andrew
Receiving Lab: Canada-Vancouver
Received: November 02, 2012
Report Date: November 16, 2012
Page: 1 of 3

CERTIFICATE OF ANALYSIS VAN12005236.1

CLIENT JOB INFORMATION

Project: Cariboo
Shipment ID: 12 Excal-4
P.O. Number
Number of Samples: 33

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	31	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX2	33	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
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.

ADDITIONAL COMMENTS

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

CC: Perry Grunenberg
Andrew Roberts

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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 16, 2012

CERTIFICATE OF ANALYSIS VAN12005236.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
G1	Prep Blank	<0.01	0.1	53.0	2.2	50	<0.1	3.4	4.3	590	1.95	<0.5	<0.5	4.0	54	<0.1	<0.1	<0.1	36	0.51	0.089
G1	Prep Blank	<0.01	<0.1	2.3	2.1	48	<0.1	3.1	3.9	562	1.84	<0.5	<0.5	3.8	48	<0.1	<0.1	<0.1	34	0.47	0.083
2098559	Drill Core	4.56	0.7	73.8	16.0	133	0.9	49.6	35.4	2241	5.93	50.3	87.5	0.4	268	0.6	2.3	<0.1	113	6.54	0.147
2098560	Drill Core	3.79	3.7	88.9	99.9	388	4.3	39.1	35.7	5535	5.82	66.7	249.6	0.5	100	4.6	4.6	<0.1	41	7.50	0.158
2098561	Drill Core	2.11	202.6	225.3	1896	9513	36.1	55.8	27.0	>10000	4.10	187.0	6005	0.3	266	155.6	28.4	0.7	38	7.66	0.101
2098562	Drill Core	7.73	0.9	66.7	30.9	210	0.3	49.8	35.2	1778	6.35	11.1	9.3	0.5	174	0.5	2.6	<0.1	145	6.84	0.150
2098563	Drill Core	5.39	1.0	82.8	85.8	538	1.1	52.7	31.8	2594	5.63	33.0	55.6	0.7	233	7.4	6.8	<0.1	72	8.41	0.156
2098564	Drill Core	3.77	0.5	67.8	8.2	148	0.8	37.1	30.0	2545	5.79	55.5	126.3	0.6	132	1.4	4.2	<0.1	62	7.96	0.139
2098565	Rock Pulp	0.05	1145	9746	37.9	158	4.4	37.0	19.9	557	4.56	33.7	708.0	1.3	41	2.6	6.4	1.3	99	0.97	0.088
2098566	Drill Core	3.51	0.9	69.2	31.1	215	0.2	50.3	36.2	1794	6.37	11.7	13.9	0.5	174	0.4	2.5	<0.1	145	6.76	0.148
2098567	Drill Core	2.83	1.8	97.4	37.9	1255	2.2	54.1	39.8	3064	6.40	36.8	54.3	0.8	76	16.4	7.8	<0.1	71	4.37	0.166
2098568	Drill Core	2.33	3.0	83.7	74.6	1351	4.3	46.8	38.6	3493	6.25	66.5	761.6	0.8	59	13.7	5.8	<0.1	51	5.39	0.169
2098569	Drill Core	4.56	17.1	90.1	524.4	4605	19.1	36.8	25.4	4327	4.08	74.5	1187	0.4	128	39.2	19.8	<0.1	57	5.17	0.097
2098570	Drill Core	0.37	2.9	120.9	47.3	853	4.5	38.6	24.2	2057	4.38	16.4	35.5	0.6	148	24.9	6.7	<0.1	82	5.34	0.116
2098571	Drill Core	8.93	0.2	35.0	8.6	71	0.3	4.1	9.0	983	2.49	7.8	19.4	1.8	205	0.4	0.9	<0.1	10	3.59	0.100
2098572	Drill Core	1.80	0.3	28.1	5.2	51	0.1	3.3	8.7	987	2.32	1.9	6.8	2.3	95	0.3	0.4	<0.1	11	3.31	0.106
2098573	Drill Core	2.66	8.3	110.9	310.5	1208	7.8	41.8	39.9	4426	5.98	96.0	639.4	0.8	68	14.5	10.6	<0.1	47	5.82	0.174
2098574	Drill Core	2.72	419.1	425.4	1700	7945	62.1	56.9	43.3	2622	5.16	230.9	7394	0.4	68	108.6	38.9	0.2	68	1.28	0.131
2098575	Drill Core	1.90	21.5	417.5	979.2	4405	20.2	59.4	46.9	3505	6.82	155.5	1099	0.6	80	83.2	19.2	<0.1	39	3.93	0.194
2098576	Drill Core	4.77	1.4	116.4	15.6	245	1.0	52.2	36.3	1955	5.89	34.5	27.7	0.6	189	1.0	2.3	<0.1	94	8.00	0.143
2098577	Drill Core	6.06	0.7	126.9	21.9	215	0.9	54.2	36.1	2568	5.35	24.7	13.5	0.7	131	2.0	4.0	<0.1	68	8.38	0.146
2098578	Drill Core	6.05	0.4	38.1	21.4	86	0.2	37.4	20.6	1415	4.00	21.4	15.7	1.4	111	0.4	1.6	<0.1	32	2.92	0.124
2098579	Drill Core	2.02	0.2	15.3	6.2	57	<0.1	3.8	8.7	985	2.42	2.6	7.9	1.7	353	0.1	0.4	<0.1	10	4.06	0.095
2098580	Rock Chip	0.36	<0.1	2.1	2.8	47	<0.1	3.5	4.1	560	1.92	<0.5	3.4	4.0	56	<0.1	<0.1	<0.1	34	0.61	0.080
2098581	Drill Core	1.82	0.1	22.4	6.3	55	0.1	3.9	9.9	987	2.56	4.2	14.0	2.0	203	<0.1	0.7	<0.1	10	3.49	0.101
2098582	Drill Core	3.51	0.1	16.8	8.3	60	0.1	4.0	9.3	989	2.58	13.2	14.7	1.7	217	0.1	0.6	<0.1	11	3.67	0.100
2098583	Drill Core	2.02	0.2	19.2	5.2	41	<0.1	3.1	7.7	901	2.16	3.5	6.0	1.7	174	0.1	0.5	<0.1	8	3.35	0.091
2098584	Drill Core	2.21	<0.1	22.0	5.4	53	<0.1	3.2	9.7	1114	2.35	2.9	5.3	2.1	119	0.2	0.3	<0.1	10	3.35	0.105
2098585	Drill Core	2.97	0.1	35.7	9.4	86	0.4	50.6	33.8	1651	5.50	15.7	10.4	0.6	314	0.5	1.7	<0.1	98	7.37	0.132
2098586	Drill Core	1.53	0.4	45.1	21.3	106	0.3	44.1	32.5	2258	4.69	42.4	6.4	0.5	336	0.8	3.4	<0.1	55	9.91	0.120

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Project: Cariboo
Report Date: November 16, 2012

CERTIFICATE OF ANALYSIS VAN12005236.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
G1	Prep Blank	8	9	0.60	250	0.106	2	1.13	0.115	0.53	<0.1	<0.01	3.2	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	7	9	0.59	235	0.104	2	0.99	0.090	0.50	<0.1	<0.01	2.9	0.3	<0.05	5	<0.5	<0.2
2098559	Drill Core	2	126	2.45	122	0.138	<1	1.76	0.013	1.35	0.9	0.06	11.2	1.4	0.14	5	<0.5	<0.2
2098560	Drill Core	2	79	0.30	247	0.006	2	0.41	0.012	0.32	0.6	0.33	8.0	0.5	0.29	<1	<0.5	<0.2
2098561	Drill Core	2	9	0.16	134	0.003	1	0.37	0.012	0.14	1.5	6.71	7.6	0.6	0.55	<1	1.1	1.9
2098562	Drill Core	3	143	2.39	167	0.191	2	2.58	0.015	1.89	0.6	0.03	14.0	1.6	<0.05	7	<0.5	<0.2
2098563	Drill Core	4	137	1.08	198	0.030	3	0.94	0.018	0.50	1.1	0.75	9.0	0.3	<0.05	2	<0.5	<0.2
2098564	Drill Core	3	81	0.66	55	0.011	2	0.33	0.009	0.30	0.5	0.22	7.3	0.1	<0.05	1	<0.5	<0.2
2098565	Rock Pulp	7	59	1.08	91	0.124	6	1.75	0.107	0.55	15.4	0.13	9.9	0.4	1.96	6	5.7	0.7
2098566	Drill Core	3	145	2.34	175	0.188	2	2.58	0.015	1.91	0.6	0.03	13.9	1.6	<0.05	7	<0.5	<0.2
2098567	Drill Core	4	115	0.83	395	0.088	<1	1.05	0.009	0.75	1.7	0.12	8.5	1.2	<0.05	3	<0.5	<0.2
2098568	Drill Core	5	81	0.09	429	0.009	1	0.45	0.009	0.33	1.4	0.40	8.5	0.4	<0.05	1	<0.5	<0.2
2098569	Drill Core	2	65	0.69	211	0.070	1	0.84	0.005	0.54	3.6	3.68	6.3	1.0	<0.05	2	<0.5	0.6
2098570	Drill Core	3	111	1.45	136	0.150	<1	1.62	0.008	1.04	1.4	0.43	8.4	1.6	<0.05	4	<0.5	<0.2
2098571	Drill Core	7	1	0.53	74	0.002	1	0.57	0.035	0.18	0.2	0.03	1.8	<0.1	0.45	1	<0.5	<0.2
2098572	Drill Core	12	2	0.19	97	0.005	1	0.56	0.037	0.21	0.2	<0.01	1.6	<0.1	<0.05	1	<0.5	<0.2
2098573	Drill Core	4	68	0.09	308	0.008	2	0.46	0.009	0.35	1.6	1.17	8.5	0.9	0.05	1	<0.5	0.5
2098574	Drill Core	2	11	0.15	28	0.003	1	0.30	0.009	0.23	1.0	6.05	4.6	1.6	3.37	<1	2.8	14.3
2098575	Drill Core	2	54	0.10	48	0.004	1	0.42	0.009	0.34	1.1	4.16	7.1	0.7	2.47	1	1.0	1.6
2098576	Drill Core	3	123	1.88	225	0.121	1	1.58	0.010	1.09	0.6	0.14	10.3	1.7	<0.05	4	<0.5	<0.2
2098577	Drill Core	4	128	1.34	256	0.048	2	1.42	0.011	0.54	0.7	0.19	9.7	0.6	<0.05	3	<0.5	<0.2
2098578	Drill Core	6	73	0.62	162	0.005	2	0.60	0.024	0.26	0.2	0.07	4.5	<0.1	0.24	1	<0.5	<0.2
2098579	Drill Core	7	2	0.65	73	0.002	1	0.73	0.042	0.21	<0.1	0.02	2.0	<0.1	0.19	2	<0.5	<0.2
2098580	Rock Chip	8	7	0.66	226	0.105	<1	0.97	0.071	0.46	<0.1	<0.01	2.6	0.3	<0.05	5	<0.5	<0.2
2098581	Drill Core	9	2	0.56	75	0.002	1	0.60	0.030	0.15	<0.1	0.01	1.8	<0.1	0.33	1	<0.5	<0.2
2098582	Drill Core	7	2	0.66	94	0.002	<1	0.74	0.049	0.19	0.2	0.02	1.9	<0.1	0.52	2	<0.5	<0.2
2098583	Drill Core	8	2	0.53	242	0.002	<1	0.37	0.024	0.13	0.1	<0.01	1.3	<0.1	0.27	<1	<0.5	<0.2
2098584	Drill Core	9	2	0.24	131	0.003	1	0.42	0.031	0.19	0.1	<0.01	1.5	<0.1	0.14	<1	<0.5	<0.2
2098585	Drill Core	3	115	2.20	50	0.129	1	1.38	0.008	1.10	0.3	0.01	8.7	0.9	<0.05	4	<0.5	<0.2
2098586	Drill Core	3	105	1.07	109	0.030	3	0.71	0.013	0.47	0.4	0.07	9.0	0.3	<0.05	2	<0.5	<0.2

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Project: Cariboo
Report Date: November 16, 2012

CERTIFICATE OF ANALYSIS VAN12005236.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2098587	Rock Pulp	0.05	368.5	3435	20.0	56	2.2	31.2	8.4	437	3.25	12.6	1170	1.0	30	0.9	3.4	0.5	49	0.64	0.050
2098588	Drill Core	4.67	2.4	125.5	38.6	285	1.2	46.4	37.0	2187	5.19	55.6	69.5	0.4	309	3.9	3.9	<0.1	65	7.21	0.132
2098589	Drill Core	1.17	0.6	72.9	36.3	124	1.6	31.8	30.4	2783	5.17	26.8	20.1	0.5	321	1.1	5.0	<0.1	38	9.05	0.122
2098590	Drill Core	1.77	0.6	69.8	37.3	161	0.6	30.8	32.7	2438	4.76	49.1	19.1	0.4	389	1.1	1.8	<0.1	45	8.84	0.116
2098591	Drill Core	5.77	0.8	103.0	12.6	175	1.2	30.8	33.8	2788	4.88	18.5	25.9	0.4	327	2.0	1.7	0.1	30	7.35	0.140

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CERTIFICATE OF ANALYSIS VAN12005236.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2098587	Rock Pulp	5	32	0.59	136	0.099	6	1.24	0.087	0.10	0.9	0.08	4.8	<0.1	0.38	4	1.0	0.2
2098588	Drill Core	2	101	2.01	45	0.071	1	1.05	0.007	0.76	0.4	0.43	7.7	0.6	0.41	3	<0.5	<0.2
2098589	Drill Core	3	90	1.68	131	0.007	1	0.41	0.014	0.32	0.2	0.20	6.4	0.1	<0.05	<1	<0.5	<0.2
2098590	Drill Core	2	87	1.74	109	0.005	<1	0.28	0.018	0.24	0.6	0.19	7.2	0.1	0.27	<1	<0.5	<0.2
2098591	Drill Core	2	66	1.70	287	0.006	<1	0.31	0.020	0.23	0.7	0.16	6.9	0.1	0.41	<1	<0.5	<0.2

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Project: Cariboo
Report Date: November 16, 2012

QUALITY CONTROL REPORT VAN12005236.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
2098559	Drill Core	4.56	0.7	73.8	16.0	133	0.9	49.6	35.4	2241	5.93	50.3	87.5	0.4	268	0.6	2.3	<0.1	113	6.54	0.147
REP 2098559	QC		0.6	72.4	15.8	134	0.9	48.6	34.9	2243	5.96	51.0	72.7	0.4	257	0.6	2.2	<0.1	112	6.49	0.143
2098571	Drill Core	8.93	0.2	35.0	8.6	71	0.3	4.1	9.0	983	2.49	7.8	19.4	1.8	205	0.4	0.9	<0.1	10	3.59	0.100
REP 2098571	QC		0.2	34.7	8.7	71	0.3	4.1	9.0	982	2.52	7.6	30.6	1.8	208	0.4	0.9	<0.1	10	3.55	0.102
Core Reject Duplicates																					
2098577	Drill Core	6.06	0.7	126.9	21.9	215	0.9	54.2	36.1	2568	5.35	24.7	13.5	0.7	131	2.0	4.0	<0.1	68	8.38	0.146
DUP 2098577	QC	<0.01	0.6	123.0	21.0	218	0.9	55.9	38.3	2597	5.47	25.7	10.4	0.8	136	1.9	3.9	<0.1	73	8.43	0.148
Reference Materials																					
STD DS9	Standard		14.0	100.0	125.5	329	2.2	41.6	7.8	626	2.40	28.1	144.9	6.2	71	2.8	5.8	6.5	40	0.73	0.089
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	0.1	53.0	2.2	50	<0.1	3.4	4.3	590	1.95	<0.5	<0.5	4.0	54	<0.1	<0.1	<0.1	36	0.51	0.089
G1	Prep Blank	<0.01	<0.1	2.3	2.1	48	<0.1	3.1	3.9	562	1.84	<0.5	<0.5	3.8	48	<0.1	<0.1	<0.1	34	0.47	0.083

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QUALITY CONTROL REPORT VAN12005236.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
2098559	Drill Core	2	126	2.45	122	0.138	<1	1.76	0.013	1.35	0.9	0.06	11.2	1.4	0.14	5	<0.5	<0.2
REP 2098559	QC	2	127	2.38	125	0.137	1	1.75	0.013	1.33	0.9	0.06	11.2	1.5	0.14	5	<0.5	<0.2
2098571	Drill Core	7	1	0.53	74	0.002	1	0.57	0.035	0.18	0.2	0.03	1.8	<0.1	0.45	1	<0.5	<0.2
REP 2098571	QC	8	2	0.54	78	0.002	1	0.59	0.035	0.18	0.1	0.02	1.8	<0.1	0.43	1	<0.5	<0.2
Core Reject Duplicates																		
2098577	Drill Core	4	128	1.34	256	0.048	2	1.42	0.011	0.54	0.7	0.19	9.7	0.6	<0.05	3	<0.5	<0.2
DUP 2098577	QC	5	131	1.30	262	0.050	2	1.54	0.016	0.60	0.7	0.20	10.5	0.6	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS9	Standard	14	121	0.65	347	0.108	3	1.00	0.088	0.41	3.4	0.25	2.9	6.0	0.16	5	5.6	5.2
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank	8	9	0.60	250	0.106	2	1.13	0.115	0.53	<0.1	<0.01	3.2	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	7	9	0.59	235	0.104	2	0.99	0.090	0.50	<0.1	<0.01	2.9	0.3	<0.05	5	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Excalibur Resources Ltd.**
Suite 400, 20 Adelaide Street East
Toronto ON M5C 2T6 Canada

Submitted By: Tim Andrew
Receiving Lab: Canada-Vancouver
Received: November 27, 2012
Report Date: December 11, 2012
Page: 1 of 6

CERTIFICATE OF ANALYSIS VAN12005568.1

CLIENT JOB INFORMATION

Project: Cariboo
Shipment ID: 12 Excal-5
P.O. Number
Number of Samples: 133

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	124	Crush, split and pulverize 250 g rock to 200 mesh			VAN
P200	5	Pulverize to 85% passing 200 mesh			VAN
1DX2	133	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Perry Grunenberg
Andrew Roberts

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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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Toronto ON M5C 2T6 Canada

Project: Cariboo
Report Date: December 11, 2012

CERTIFICATE OF ANALYSIS VAN12005568.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
G1	Prep Blank	<0.01	0.1	3.1	3.0	50	<0.1	3.9	4.6	568	1.94	0.7	<0.5	4.6	53	<0.1	0.2	<0.1	34	0.46	0.077
G1	Prep Blank	<0.01	<0.1	2.8	2.4	46	<0.1	3.9	4.4	560	1.92	1.4	<0.5	4.6	51	<0.1	0.1	0.1	34	0.46	0.078
2098592	Drill Core	5.00	0.7	57.7	32.2	220	0.1	4.4	19.6	1365	3.42	9.1	0.8	1.4	99	0.9	0.8	<0.1	38	3.56	0.169
2098593	Drill Core	5.32	0.9	110.5	23.5	221	0.2	5.7	16.1	1734	3.66	7.3	8.1	1.4	68	1.3	2.2	<0.1	39	4.49	0.155
2098594	Drill Core	5.94	0.9	114.0	13.7	110	0.5	16.1	22.3	1839	4.43	8.5	66.6	1.3	84	2.1	1.1	<0.1	31	5.10	0.159
2098595	Drill Core	4.99	0.4	44.6	69.7	305	<0.1	5.0	19.1	1375	3.71	4.2	5.6	1.3	96	2.2	0.7	<0.1	46	3.32	0.156
2098596	Drill Core	5.29	0.6	49.3	80.3	310	0.1	3.2	18.1	1533	3.53	6.7	1.0	1.3	113	0.7	1.0	<0.1	35	4.17	0.158
2098597	Drill Core	5.53	0.7	135.3	24.1	157	0.5	10.3	19.7	1477	3.74	7.3	15.0	1.5	86	4.0	2.5	<0.1	32	4.48	0.163
2098598	Drill Core	6.20	3.4	143.6	30.5	237	1.4	9.5	18.7	2271	4.06	9.8	110.6	1.0	105	5.5	1.7	<0.1	33	4.54	0.152
2098599	Drill Core	5.97	0.7	171.9	20.1	125	0.3	2.4	15.8	1666	3.05	4.8	9.4	1.2	219	1.8	2.0	<0.1	28	5.50	0.139
2098600	Drill Core	4.61	0.8	128.9	15.6	100	0.6	12.1	20.6	1481	4.18	7.3	14.1	1.5	55	1.4	1.9	<0.1	33	3.62	0.176
2098601	Rock Chip	0.37	<0.1	6.2	3.1	47	<0.1	3.7	4.6	566	1.94	<0.5	<0.5	4.4	67	<0.1	<0.1	<0.1	35	0.68	0.075
2098602	Drill Core	5.66	1.1	140.3	19.1	121	0.7	13.1	17.8	2308	4.12	6.4	54.7	1.3	115	1.2	1.0	<0.1	29	5.68	0.158
2098603	Drill Core	1.88	0.9	106.0	10.4	60	0.5	25.6	24.0	2519	4.72	15.3	13.8	0.9	135	0.8	4.2	<0.1	49	7.81	0.145
2098604	Drill Core	0.82	0.2	8.6	13.3	41	<0.1	17.1	19.3	1893	3.30	7.2	<0.5	0.6	269	0.4	1.5	<0.1	34	10.58	0.138
2098605	Drill Core	2.93	0.5	43.6	12.8	40	0.1	22.1	20.1	1870	3.99	12.4	2.5	0.7	225	0.4	1.9	<0.1	52	9.90	0.135
2098606	Drill Core	6.19	0.2	57.1	16.0	78	0.1	58.6	36.9	1577	5.26	10.7	3.9	0.7	240	0.5	1.2	<0.1	144	6.49	0.128
2098607	Rock Pulp	0.05	366.9	3507	21.1	54	1.8	31.3	8.5	436	3.08	13.6	813.6	1.1	31	0.7	3.2	0.4	51	0.70	0.048
2098608	Drill Core	6.27	<0.1	69.0	14.1	100	0.2	53.2	34.8	1907	5.25	12.6	3.0	0.8	287	0.9	1.2	<0.1	144	7.31	0.129
2098609	Drill Core	6.85	0.4	32.3	11.1	67	0.1	6.1	10.8	1023	2.49	2.1	1.2	1.8	159	<0.1	0.4	<0.1	23	3.09	0.100
2098610	Drill Core	3.61	0.2	22.2	13.1	67	0.1	5.2	10.6	1180	2.46	5.1	19.4	1.9	191	0.1	0.5	<0.1	7	3.64	0.098
2098611	Drill Core	1.68	0.1	39.2	13.7	103	0.2	4.9	10.3	1268	2.66	11.1	13.4	1.8	159	0.2	0.7	<0.1	8	2.91	0.097
2098612	Drill Core	6.12	0.4	191.1	27.2	205	0.5	4.9	12.2	1895	2.51	15.5	21.2	1.5	210	0.5	0.9	<0.1	9	3.41	0.097
2098613	Drill Core	5.67	0.3	77.5	6.8	103	0.2	11.3	22.5	1907	4.00	3.5	13.1	1.3	183	0.5	0.7	<0.1	25	5.11	0.159
2098614	Drill Core	5.65	1.1	265.2	6.9	85	0.9	27.7	24.4	1711	4.07	4.5	6.2	1.0	105	0.3	1.0	0.2	16	6.72	0.110
2098615	Drill Core	5.56	1.4	148.0	7.3	76	0.4	33.4	32.2	1892	5.35	7.3	4.5	1.1	123	0.3	1.0	0.1	44	5.86	0.157
2098616	Drill Core	5.62	0.4	116.8	6.0	42	0.1	4.5	15.7	1882	3.22	2.9	<0.5	1.4	104	0.9	1.1	<0.1	29	4.21	0.157
2098617	Drill Core	6.42	1.0	115.5	5.8	42	<0.1	7.3	15.4	2048	3.07	3.6	<0.5	1.2	265	0.3	1.5	<0.1	22	4.85	0.144
2098618	Drill Core	5.97	2.3	108.1	10.9	75	0.1	12.0	18.6	2626	3.44	10.8	11.0	0.8	185	0.4	3.8	<0.1	21	6.06	0.145
2098619	Drill Core	3.68	0.7	105.1	5.6	45	0.1	6.4	14.6	1973	3.18	4.7	4.9	1.4	151	1.1	1.0	<0.1	33	5.02	0.147

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Project: Cariboo
Report Date: December 11, 2012

CERTIFICATE OF ANALYSIS VAN12005568.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
G1	Prep Blank	8	10	0.60	234	0.125	1	0.96	0.066	0.48	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	8	10	0.60	222	0.126	2	0.94	0.063	0.47	<0.1	<0.01	2.2	0.5	<0.05	5	<0.5	<0.2
2098592	Drill Core	9	4	0.05	121	0.044	<1	0.41	0.018	0.22	0.4	0.27	2.0	<0.1	<0.05	1	<0.5	<0.2
2098593	Drill Core	9	8	0.06	159	0.045	3	0.44	0.022	0.26	0.7	0.28	2.5	<0.1	<0.05	1	<0.5	<0.2
2098594	Drill Core	9	26	0.05	272	0.012	<1	0.42	0.022	0.29	0.4	0.10	2.4	<0.1	<0.05	1	<0.5	<0.2
2098595	Drill Core	9	1	0.11	100	0.056	<1	0.52	0.021	0.22	0.2	0.19	2.3	<0.1	<0.05	1	<0.5	<0.2
2098596	Drill Core	9	2	0.07	86	0.041	<1	0.43	0.021	0.24	<0.1	0.24	1.9	<0.1	<0.05	1	<0.5	<0.2
2098597	Drill Core	9	13	0.09	145	0.023	<1	0.46	0.017	0.28	0.3	0.23	2.3	<0.1	<0.05	1	<0.5	<0.2
2098598	Drill Core	7	16	0.05	212	0.025	<1	0.41	0.024	0.26	0.3	0.32	1.9	<0.1	<0.05	1	<0.5	<0.2
2098599	Drill Core	7	2	0.37	108	0.036	2	0.36	0.018	0.27	0.4	0.19	2.2	<0.1	<0.05	<1	<0.5	<0.2
2098600	Drill Core	10	14	0.05	182	0.024	<1	0.49	0.019	0.28	1.0	0.12	2.1	<0.1	<0.05	1	0.7	<0.2
2098601	Rock Chip	9	7	0.65	217	0.125	1	0.98	0.067	0.45	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2
2098602	Drill Core	9	18	0.07	214	0.010	2	0.47	0.024	0.31	0.3	0.10	2.0	<0.1	<0.05	1	<0.5	<0.2
2098603	Drill Core	5	45	0.11	223	0.037	<1	0.40	0.023	0.27	1.7	0.03	4.5	<0.1	<0.05	1	<0.5	<0.2
2098604	Drill Core	3	28	0.14	171	0.049	1	0.28	0.032	0.17	0.6	<0.01	5.1	<0.1	<0.05	<1	<0.5	<0.2
2098605	Drill Core	4	57	0.16	183	0.062	<1	0.40	0.015	0.28	1.3	<0.01	4.6	<0.1	<0.05	1	<0.5	<0.2
2098606	Drill Core	3	143	2.98	114	0.173	<1	2.55	0.014	1.03	0.8	<0.01	11.4	0.4	<0.05	7	<0.5	<0.2
2098607	Rock Pulp	5	33	0.57	124	0.113	5	1.25	0.078	0.10	0.9	0.09	4.3	<0.1	0.40	4	1.3	<0.2
2098608	Drill Core	5	145	2.74	141	0.207	<1	2.46	0.012	1.45	0.6	0.01	11.5	0.5	<0.05	7	<0.5	<0.2
2098609	Drill Core	9	8	0.67	75	0.032	<1	1.15	0.048	0.19	<0.1	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
2098610	Drill Core	7	2	0.53	156	0.002	<1	0.54	0.030	0.22	<0.1	<0.01	1.6	<0.1	0.22	1	<0.5	<0.2
2098611	Drill Core	8	2	0.49	105	0.002	<1	0.44	0.042	0.17	<0.1	0.09	1.8	<0.1	0.37	1	0.6	<0.2
2098612	Drill Core	6	2	0.71	72	0.001	<1	0.31	0.026	0.18	0.1	0.35	1.6	<0.1	0.49	<1	<0.5	<0.2
2098613	Drill Core	7	6	0.69	156	0.011	<1	0.43	0.024	0.23	0.4	0.03	4.2	<0.1	0.09	1	<0.5	<0.2
2098614	Drill Core	5	19	0.39	125	0.003	<1	0.36	0.015	0.19	0.5	0.02	4.5	<0.1	0.09	<1	0.5	<0.2
2098615	Drill Core	6	30	0.37	128	0.033	1	0.42	0.017	0.20	0.7	0.06	5.2	<0.1	<0.05	<1	0.7	<0.2
2098616	Drill Core	9	4	0.08	179	0.028	<1	0.45	0.019	0.27	0.9	0.02	2.9	<0.1	<0.05	1	<0.5	<0.2
2098617	Drill Core	8	5	0.44	141	0.013	<1	0.41	0.022	0.29	8.7	0.06	2.4	<0.1	<0.05	1	0.8	<0.2
2098618	Drill Core	4	7	0.36	225	0.010	1	0.42	0.013	0.27	9.9	0.31	2.9	<0.1	0.16	1	0.8	<0.2
2098619	Drill Core	9	6	0.33	71	0.037	2	0.40	0.018	0.25	0.4	0.05	1.9	<0.1	<0.05	1	0.6	<0.2

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Project: Cariboo
Report Date: December 11, 2012

CERTIFICATE OF ANALYSIS VAN12005568.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2098620	Drill Core	3.96	1.3	106.6	6.3	62	0.1	11.7	18.6	2821	3.80	6.0	8.5	1.2	173	1.6	1.2	<0.1	27	7.07	0.146
2098621	Drill Core	4.35	<0.1	72.7	6.5	75	<0.1	55.1	33.0	1474	4.54	6.8	0.5	0.8	255	0.2	0.9	<0.1	98	6.84	0.131
2098622	Drill Core	3.06	0.2	79.6	8.3	88	0.3	61.9	33.7	1383	4.21	32.2	0.7	0.8	205	0.5	1.6	<0.1	155	5.15	0.125
2098623	Drill Core	3.33	0.6	821.8	292.4	730	8.6	99.3	38.4	2855	5.13	30.1	24.1	0.8	204	24.2	3.3	<0.1	117	6.62	0.126
2098624	Drill Core	7.36	0.2	161.4	22.9	147	0.4	55.1	31.3	1851	4.38	18.0	<0.5	0.8	209	0.7	2.1	<0.1	82	7.61	0.127
2098625	Drill Core	6.40	0.3	32.3	5.5	78	<0.1	55.6	34.7	1371	4.66	19.9	4.0	0.8	206	0.1	1.4	<0.1	171	5.76	0.120
2098626	Drill Core	6.74	0.5	533.5	6.3	93	0.8	33.2	29.0	1639	4.39	14.0	8.4	1.2	230	0.3	1.2	<0.1	72	6.33	0.143
2098627	Drill Core	6.31	0.3	111.5	11.5	87	0.1	37.6	27.4	1434	3.71	17.4	3.7	1.1	197	0.1	0.9	<0.1	81	6.58	0.153
2098628	Drill Core	5.08	0.2	78.0	4.5	58	<0.1	41.0	26.8	902	4.33	10.1	2.0	0.7	215	0.1	0.8	<0.1	126	4.57	0.120
2098629	Drill Core	1.42	0.7	16.6	5.4	65	<0.1	31.3	26.6	983	3.99	4.1	2.2	0.8	217	<0.1	0.6	<0.1	65	5.00	0.103
2098630	Drill Core	4.22	0.4	126.7	4.9	85	0.1	37.2	30.0	1464	4.20	3.1	11.3	0.8	264	0.1	0.6	<0.1	59	6.79	0.100
2098631	Drill Core	0.97	0.1	23.5	3.8	116	<0.1	79.1	35.8	1464	4.87	3.8	9.9	1.0	236	0.2	0.9	<0.1	94	5.54	0.110
2098632	Drill Core	2.80	<0.1	30.7	3.7	113	<0.1	79.0	35.4	1487	4.89	3.6	11.7	0.9	251	0.1	0.7	<0.1	94	5.67	0.097
2098633	Drill Core	4.29	0.2	49.7	4.7	62	<0.1	9.0	15.9	1246	3.24	2.3	13.5	2.2	351	0.2	1.1	<0.1	34	4.00	0.109
2098634	Drill Core	6.10	0.2	21.8	3.3	67	<0.1	5.2	9.6	976	2.59	0.6	2.3	2.6	160	0.1	0.5	<0.1	15	3.40	0.098
2098635	Drill Core	6.34	0.3	28.4	7.3	58	<0.1	4.9	10.9	963	2.79	1.4	2.0	2.1	163	0.2	1.5	<0.1	17	3.66	0.097
2098636	Drill Core	5.40	1.1	113.4	4.2	77	0.2	4.0	18.9	626	5.14	9.4	6.0	0.5	106	<0.1	1.0	<0.1	38	3.43	0.155
2098637	Drill Core	4.45	1.0	93.8	2.8	70	0.1	4.0	16.2	660	5.07	2.8	6.6	0.5	113	<0.1	0.6	<0.1	42	2.49	0.133
2098638	Drill Core	5.86	0.4	148.2	3.4	83	0.2	4.8	19.7	588	5.26	4.6	11.6	0.6	127	0.2	1.1	<0.1	44	3.01	0.142
2098639	Drill Core	2.56	0.8	113.5	4.1	93	0.1	14.8	17.0	640	5.36	2.7	4.7	0.8	169	<0.1	0.5	<0.1	51	4.84	0.146
2098640	Drill Core	3.95	0.5	104.3	3.7	78	<0.1	19.2	19.5	747	5.28	3.4	3.3	1.0	187	<0.1	0.9	<0.1	45	5.54	0.145
2098641	Rock Chip	0.38	<0.1	4.6	2.8	44	<0.1	3.4	4.1	514	1.82	<0.5	3.2	4.8	60	<0.1	<0.1	<0.1	33	0.63	0.072
2098642	Drill Core	4.96	0.6	78.7	2.3	71	<0.1	35.0	32.2	946	7.05	3.5	2.2	0.6	209	<0.1	0.3	<0.1	149	4.47	0.135
2098643	Drill Core	6.06	1.0	89.4	4.6	99	0.1	23.8	33.4	1368	6.93	4.0	2.4	0.6	280	0.1	0.1	<0.1	128	6.09	0.126
2098644	Drill Core	2.24	1.2	95.7	5.5	81	<0.1	18.5	26.1	1052	5.94	5.7	4.3	0.9	265	<0.1	0.1	<0.1	97	5.40	0.160
2098645	Drill Core	4.35	1.4	85.6	6.7	83	0.1	35.7	42.6	785	7.38	9.9	2.6	0.4	202	0.1	0.2	0.2	136	4.07	0.142
2098646	Drill Core	6.76	1.0	67.5	6.6	89	0.1	26.4	32.5	788	7.54	9.7	2.5	0.5	179	0.4	0.5	0.6	91	4.16	0.142
2098647	Drill Core	6.64	2.7	73.0	7.7	79	<0.1	26.1	32.4	1344	6.23	12.4	2.5	0.4	262	0.4	0.2	<0.1	79	6.45	0.136
2098648	Drill Core	4.06	1.4	91.2	7.1	80	0.1	39.9	29.3	1071	6.44	11.8	6.1	0.5	367	0.2	0.3	0.2	69	6.36	0.140
2098649	Rock Pulp	0.05	355.5	3390	23.6	54	1.8	32.3	8.4	422	3.13	12.8	801.8	1.1	31	0.6	3.9	0.5	49	0.69	0.049

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Project: Cariboo
Report Date: December 11, 2012

CERTIFICATE OF ANALYSIS VAN12005568.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2098620	Drill Core	8	16	0.12	187	0.015	<1	0.44	0.016	0.28	0.2	0.04	2.2	<0.1	<0.05	1	<0.5	<0.2
2098621	Drill Core	6	115	2.13	93	0.057	<1	1.62	0.025	0.12	0.3	<0.01	7.4	<0.1	<0.05	5	0.7	<0.2
2098622	Drill Core	4	110	3.13	128	0.211	<1	2.51	0.015	1.93	0.2	<0.01	17.0	0.5	<0.05	8	<0.5	<0.2
2098623	Drill Core	4	234	2.23	94	0.130	<1	2.24	0.008	0.74	0.2	0.32	7.8	0.3	<0.05	6	0.7	<0.2
2098624	Drill Core	4	101	1.40	106	0.119	<1	1.48	0.012	0.70	0.3	0.04	6.8	0.2	<0.05	4	<0.5	<0.2
2098625	Drill Core	4	142	3.33	98	0.197	3	2.58	0.023	1.43	0.2	0.02	17.1	0.3	<0.05	9	0.9	<0.2
2098626	Drill Core	7	54	1.89	148	0.055	1	1.51	0.009	0.45	0.1	0.08	5.5	0.2	<0.05	5	<0.5	<0.2
2098627	Drill Core	7	76	2.12	105	0.086	2	1.73	0.008	0.54	0.1	0.01	8.4	0.2	<0.05	6	<0.5	<0.2
2098628	Drill Core	4	135	2.65	69	0.081	2	2.14	0.029	0.06	<0.1	<0.01	9.6	<0.1	<0.05	7	<0.5	<0.2
2098629	Drill Core	5	46	2.18	88	0.043	3	1.67	0.012	0.15	0.1	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
2098630	Drill Core	5	46	1.82	69	0.041	<1	1.42	0.007	0.16	0.1	0.02	4.2	<0.1	<0.05	3	<0.5	<0.2
2098631	Drill Core	4	178	3.29	74	0.045	3	1.60	0.014	0.13	0.5	0.04	9.5	<0.1	<0.05	4	<0.5	<0.2
2098632	Drill Core	4	169	3.31	85	0.043	1	1.59	0.016	0.12	0.4	0.17	9.4	<0.1	<0.05	4	<0.5	<0.2
2098633	Drill Core	9	8	0.94	104	0.023	<1	0.43	0.025	0.18	0.6	0.03	2.2	<0.1	<0.05	1	<0.5	<0.2
2098634	Drill Core	14	3	0.71	62	0.004	<1	0.69	0.035	0.14	<0.1	<0.01	1.5	<0.1	<0.05	2	<0.5	<0.2
2098635	Drill Core	10	2	0.79	65	0.009	2	0.34	0.038	0.16	0.2	0.04	1.6	<0.1	<0.05	<1	<0.5	<0.2
2098636	Drill Core	3	1	0.63	68	0.002	3	1.32	0.071	0.13	<0.1	0.02	4.7	<0.1	0.58	4	1.3	<0.2
2098637	Drill Core	3	2	0.70	59	0.004	3	1.24	0.065	0.14	<0.1	0.08	5.0	<0.1	0.34	4	1.5	<0.2
2098638	Drill Core	3	2	0.85	61	0.010	2	1.14	0.064	0.16	0.1	0.11	5.1	<0.1	0.34	3	0.5	<0.2
2098639	Drill Core	4	8	0.86	67	0.009	1	1.76	0.042	0.15	<0.1	0.07	4.9	<0.1	0.20	4	0.9	<0.2
2098640	Drill Core	2	7	1.05	53	0.005	1	0.59	0.038	0.15	<0.1	0.04	5.2	<0.1	0.21	1	0.5	<0.2
2098641	Rock Chip	8	7	0.62	197	0.110	2	0.92	0.060	0.44	<0.1	<0.01	2.0	0.3	<0.05	5	0.7	<0.2
2098642	Drill Core	3	25	1.97	62	0.029	<1	2.58	0.021	0.11	<0.1	0.02	9.1	<0.1	0.27	7	<0.5	<0.2
2098643	Drill Core	3	19	1.85	60	0.007	<1	2.72	0.016	0.13	<0.1	0.08	9.0	<0.1	2.29	8	1.4	0.7
2098644	Drill Core	4	15	1.48	64	0.006	<1	2.32	0.039	0.17	<0.1	0.02	6.5	<0.1	2.39	7	1.0	<0.2
2098645	Drill Core	2	20	1.88	42	0.008	1	2.59	0.033	0.13	<0.1	0.04	9.4	0.1	4.38	8	1.3	0.4
2098646	Drill Core	5	15	1.71	28	0.004	2	1.87	0.025	0.14	<0.1	0.21	7.3	0.3	6.73	6	10.8	1.9
2098647	Drill Core	2	10	1.67	35	0.005	1	1.92	0.033	0.16	<0.1	0.04	7.5	0.2	5.44	5	2.6	1.1
2098648	Drill Core	2	27	1.68	40	0.008	4	1.69	0.030	0.20	<0.1	0.07	8.1	<0.1	4.99	4	2.5	0.5
2098649	Rock Pulp	5	32	0.58	120	0.108	7	1.21	0.076	0.10	0.9	0.08	4.3	<0.1	0.40	5	1.4	<0.2

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Project: Cariboo
Report Date: December 11, 2012

CERTIFICATE OF ANALYSIS VAN12005568.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2098650	Drill Core	2.55	1.2	77.6	6.3	108	<0.1	24.5	34.0	1611	6.62	7.9	3.5	0.4	380	0.2	0.2	<0.1	99	6.97	0.139
2098651	Drill Core	5.74	0.9	139.2	6.3	102	0.1	18.7	30.0	1268	6.52	16.6	8.1	0.7	242	0.2	0.3	<0.1	141	5.48	0.150
2098652	Drill Core	6.54	4.4	107.4	9.7	136	0.1	22.8	31.5	1777	6.35	19.6	7.6	0.8	334	0.2	0.4	<0.1	90	6.16	0.157
2098653	Drill Core	6.44	4.9	74.2	8.7	109	<0.1	24.4	29.7	1440	6.16	6.4	3.6	0.8	264	0.3	0.4	0.3	66	5.27	0.154
2098654	Drill Core	6.06	1.2	73.3	5.7	82	<0.1	23.7	25.7	1320	7.18	2.6	3.0	0.6	276	0.4	0.3	0.4	90	4.75	0.146
2098655	Drill Core	2.25	1.6	64.2	5.3	118	0.1	25.1	27.2	1078	6.61	3.2	4.7	0.7	219	0.7	0.2	1.1	28	5.89	0.140
2098656	Drill Core	4.51	2.0	44.9	5.5	93	0.1	7.8	22.5	1275	5.90	4.2	6.4	0.7	256	0.3	0.6	0.2	34	6.61	0.160
2098657	Drill Core	3.10	1.5	26.2	5.2	96	0.1	2.9	19.7	1301	5.44	3.6	7.2	0.8	307	0.3	0.5	0.1	45	6.57	0.151
2098658	Drill Core	3.44	2.4	38.9	4.6	44	0.1	8.7	25.8	614	5.30	2.7	7.1	0.6	214	0.2	1.0	<0.1	16	3.92	0.172
2098659	Drill Core	5.81	4.6	49.1	6.3	61	0.2	58.7	35.9	861	5.10	5.2	8.2	0.9	293	0.4	1.8	<0.1	29	6.14	0.247
2098660	Drill Core	4.95	1.5	65.5	6.2	60	0.1	17.7	34.7	851	5.84	5.4	4.7	0.9	161	0.1	0.4	<0.1	64	4.41	0.146
2098661	Drill Core	6.27	0.8	74.6	6.9	92	0.2	27.2	48.1	837	6.88	3.2	7.3	0.9	137	0.3	0.2	<0.1	144	3.84	0.133
2098662	Drill Core	1.17	0.4	71.3	4.9	66	<0.1	23.6	42.1	867	6.90	2.2	3.3	1.0	100	0.3	<0.1	<0.1	132	3.88	0.134
2098663	Drill Core	3.69	2.0	97.0	5.9	73	0.1	22.1	38.8	950	6.91	11.3	2.4	1.1	187	0.3	0.2	<0.1	100	3.95	0.159
2098664	Drill Core	6.51	1.3	98.5	4.8	61	0.2	19.7	31.6	1123	6.41	5.0	12.5	0.7	135	0.3	0.4	<0.1	99	4.98	0.135
2098665	Drill Core	2.96	0.2	34.7	3.4	58	<0.1	5.0	12.6	1064	3.07	3.5	1.2	1.2	109	0.1	0.2	<0.1	19	4.69	0.116
2098666	Drill Core	1.67	0.3	26.4	4.3	65	<0.1	5.1	13.6	1075	3.37	6.0	2.6	1.2	120	0.1	0.2	<0.1	19	4.26	0.119
2098667	Rock Chip	0.35	<0.1	2.9	2.9	44	<0.1	4.1	4.4	549	1.90	<0.5	<0.5	5.2	60	<0.1	<0.1	<0.1	34	0.67	0.071
2098668	Drill Core	0.90	<0.1	9.0	4.1	63	<0.1	5.3	12.9	1285	3.18	1.2	<0.5	1.0	266	0.1	0.1	<0.1	23	5.73	0.106
2098669	Drill Core	3.17	1.7	79.4	6.0	65	<0.1	7.2	24.5	1203	5.07	4.1	1.9	0.7	176	0.2	0.4	<0.1	30	5.95	0.126
2098670	Drill Core	6.02	0.9	98.2	5.1	87	0.1	8.9	29.8	1779	6.43	3.5	2.3	0.6	168	0.2	0.2	<0.1	60	5.84	0.137
2098671	Drill Core	6.48	0.6	106.0	4.6	87	<0.1	8.8	32.1	1814	6.19	6.3	3.2	0.6	159	0.4	0.2	<0.1	54	5.86	0.133
2098672	Drill Core	6.38	0.7	106.9	3.9	65	<0.1	7.1	26.0	1056	6.11	9.8	<0.5	0.8	184	0.2	<0.1	<0.1	65	5.48	0.142
2098673	Drill Core	6.58	0.6	71.1	4.2	62	0.1	6.4	23.4	1090	4.72	9.8	0.8	0.7	182	0.1	0.1	<0.1	44	4.28	0.131
2098674	Drill Core	2.73	0.6	70.6	4.5	85	<0.1	6.3	27.1	1198	5.34	5.6	2.6	0.9	245	0.2	0.1	<0.1	66	5.70	0.133
2098675	Drill Core	0.05	1069	8901	47.9	153	4.2	38.2	20.6	514	4.38	31.4	564.2	1.6	39	0.9	5.0	1.4	98	0.99	0.082
2098676	Drill Core	1.57	1.2	54.4	2.9	126	0.1	6.9	26.1	1087	5.23	6.5	6.4	1.3	158	0.2	0.3	<0.1	73	4.60	0.140
2098677	Drill Core	1.85	1.1	111.7	6.0	60	0.1	10.7	28.7	1211	4.62	17.8	13.2	0.8	279	0.2	0.2	<0.1	39	5.84	0.142
2098678	Drill Core	6.16	0.9	79.9	7.7	144	<0.1	10.1	27.7	1212	5.96	13.4	2.3	0.9	197	0.5	0.2	<0.1	93	5.66	0.140
2098679	Drill Core	5.71	0.3	82.1	3.2	75	<0.1	6.0	24.9	1429	5.53	3.1	6.8	0.9	152	0.2	0.1	<0.1	97	5.85	0.136

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2098650	Drill Core	2	12	1.73	32	0.009	4	2.22	0.028	0.19	<0.1	0.02	9.5	<0.1	4.18	6	3.1	<0.2
2098651	Drill Core	3	18	2.10	31	0.004	3	2.53	0.029	0.15	<0.1	0.03	10.5	<0.1	2.74	7	7.1	<0.2
2098652	Drill Core	4	11	1.63	63	0.006	2	2.27	0.031	0.19	<0.1	0.03	7.0	0.2	2.91	6	3.9	<0.2
2098653	Drill Core	8	13	1.37	33	0.004	3	1.84	0.035	0.19	<0.1	0.03	7.2	0.1	4.15	6	8.7	<0.2
2098654	Drill Core	2	14	1.23	27	0.009	<1	1.78	0.050	0.17	<0.1	0.04	9.6	0.1	5.74	6	10.2	0.4
2098655	Drill Core	5	8	0.80	16	0.004	2	0.83	0.037	0.16	<0.1	0.06	5.6	0.1	6.40	2	8.6	0.9
2098656	Drill Core	2	2	0.97	28	0.004	5	0.81	0.057	0.16	<0.1	0.12	6.0	0.2	4.48	2	2.8	1.3
2098657	Drill Core	2	<1	1.00	45	0.003	2	1.08	0.073	0.16	<0.1	0.03	5.9	<0.1	3.05	3	1.8	0.6
2098658	Drill Core	<1	<1	0.86	23	0.001	3	0.42	0.061	0.15	<0.1	0.11	4.2	<0.1	5.19	<1	4.7	1.9
2098659	Drill Core	9	29	1.51	23	0.008	3	0.73	0.048	0.18	<0.1	0.37	6.2	0.1	4.23	2	4.5	2.3
2098660	Drill Core	3	7	1.31	43	0.003	2	2.04	0.042	0.14	<0.1	0.05	4.5	<0.1	3.06	5	0.6	<0.2
2098661	Drill Core	4	19	2.28	53	0.005	2	3.47	0.017	0.10	<0.1	0.03	7.4	<0.1	1.37	8	1.3	<0.2
2098662	Drill Core	4	19	2.14	52	0.006	<1	3.60	0.012	0.09	<0.1	0.02	7.0	<0.1	0.89	9	1.9	<0.2
2098663	Drill Core	5	14	2.06	67	0.009	1	3.07	0.018	0.16	<0.1	0.03	5.7	<0.1	1.84	7	0.5	<0.2
2098664	Drill Core	4	16	1.62	123	0.004	3	2.16	0.034	0.15	0.1	0.02	8.4	0.2	0.91	6	<0.5	<0.2
2098665	Drill Core	9	2	0.49	239	0.002	1	1.14	0.026	0.16	<0.1	<0.01	2.5	<0.1	<0.05	3	<0.5	<0.2
2098666	Drill Core	6	2	0.52	118	0.001	2	1.06	0.031	0.14	0.1	<0.01	2.9	<0.1	0.11	3	<0.5	<0.2
2098667	Rock Chip	8	7	0.67	209	0.125	<1	0.96	0.066	0.45	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2
2098668	Drill Core	9	4	0.95	101	0.003	1	1.63	0.034	0.12	<0.1	<0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
2098669	Drill Core	2	1	0.64	45	0.002	1	1.28	0.040	0.18	<0.1	0.09	4.3	<0.1	3.28	3	0.6	0.2
2098670	Drill Core	2	1	0.76	42	0.003	<1	1.79	0.039	0.12	<0.1	0.12	5.0	<0.1	3.33	5	1.1	0.7
2098671	Drill Core	2	<1	0.85	43	0.003	<1	1.63	0.036	0.12	<0.1	0.13	5.0	<0.1	3.78	5	1.0	0.8
2098672	Drill Core	2	1	1.16	41	0.003	<1	2.06	0.030	0.11	<0.1	0.04	4.5	0.1	2.87	6	<0.5	0.2
2098673	Drill Core	3	2	0.98	68	0.003	2	1.83	0.040	0.16	<0.1	0.02	3.8	0.1	1.58	4	<0.5	<0.2
2098674	Drill Core	5	1	1.38	57	0.005	<1	2.13	0.028	0.12	<0.1	<0.01	4.9	<0.1	0.46	6	<0.5	<0.2
2098675	Drill Core	7	63	1.05	50	0.140	7	1.69	0.102	0.54	14.6	0.14	8.6	0.4	2.04	5	5.1	0.6
2098676	Drill Core	8	1	1.67	57	0.011	<1	2.25	0.031	0.11	0.1	0.02	4.5	<0.1	0.07	6	<0.5	<0.2
2098677	Drill Core	3	4	1.13	41	0.002	1	1.03	0.036	0.18	<0.1	0.03	3.9	0.1	1.08	2	<0.5	<0.2
2098678	Drill Core	5	9	1.50	42	0.005	<1	2.71	0.027	0.12	<0.1	0.01	6.9	0.3	0.96	8	<0.5	<0.2
2098679	Drill Core	8	2	1.60	50	0.006	<1	2.97	0.027	0.09	<0.1	<0.01	7.4	<0.1	<0.05	9	<0.5	<0.2

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Project: Cariboo
Report Date: December 11, 2012

CERTIFICATE OF ANALYSIS VAN12005568.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2098680	Drill Core	6.11	0.7	158.6	3.5	102	0.3	9.3	26.8	1899	5.93	2.9	45.2	0.6	166	0.2	0.2	<0.1	97	5.72	0.125
2098681	Drill Core	5.60	0.7	99.1	3.6	113	0.1	6.5	25.8	1500	5.79	2.7	7.2	0.7	116	0.2	0.1	<0.1	72	4.27	0.143
2098682	Drill Core	2.13	0.3	57.3	3.8	120	<0.1	6.2	27.5	1893	6.01	4.2	5.2	0.6	121	0.2	0.2	<0.1	104	6.64	0.129
2098683	Drill Core	5.11	0.2	80.3	3.4	115	<0.1	7.4	26.6	1633	5.49	4.0	3.6	0.8	184	0.2	0.1	<0.1	111	5.13	0.131
2098684	Drill Core	6.25	2.4	108.8	4.2	75	<0.1	6.6	23.6	1551	4.74	3.3	2.4	0.7	157	0.2	0.2	<0.1	84	4.74	0.128
2098685	Drill Core	6.03	2.7	133.7	6.4	71	0.2	4.3	20.9	960	4.48	3.3	7.0	0.6	132	0.3	0.3	<0.1	58	4.09	0.140
2098686	Drill Core	5.15	1.2	94.3	5.7	103	0.1	5.6	24.2	1427	5.16	2.9	4.8	0.9	99	0.2	0.5	<0.1	66	3.68	0.145
2098687	Drill Core	4.84	1.8	109.9	7.7	102	8.0	17.1	29.6	1588	5.74	4.4	3.9	0.7	144	0.3	0.3	<0.1	30	5.68	0.134
2098688	Drill Core	3.71	1.3	92.6	6.6	82	0.1	28.5	28.6	1984	5.61	3.9	4.6	0.5	154	0.5	0.7	<0.1	19	6.56	0.120
2098689	Rock Chip	0.34	<0.1	3.2	2.9	46	<0.1	3.7	4.3	539	1.86	<0.5	<0.5	4.9	57	<0.1	<0.1	<0.1	34	0.64	0.072
2098690	Drill Core	0.53	11.9	228.2	9.9	60	2.0	31.8	31.9	1109	7.55	18.2	9.2	0.6	57	0.3	2.9	0.6	27	2.59	0.134
2098691	Drill Core	0.72	3.1	132.3	8.1	64	0.2	4.1	18.0	1094	5.45	3.9	4.1	0.4	81	0.3	0.4	<0.1	16	3.67	0.141
2098692	Drill Core	4.42	1.9	86.9	7.3	63	0.2	4.8	20.4	1505	5.36	4.5	3.1	0.4	103	0.2	0.6	<0.1	14	4.61	0.136
2098693	Drill Core	2.44	0.6	113.1	6.6	46	<0.1	61.5	36.7	1396	6.65	16.3	<0.5	0.3	92	0.2	0.3	<0.1	75	4.37	0.130
2098694	Drill Core	5.89	0.6	124.4	7.9	81	<0.1	66.4	38.5	1575	6.87	9.0	3.3	0.7	223	0.2	0.2	<0.1	183	6.17	0.125
2098695	Drill Core	1.15	0.4	146.3	3.4	73	0.1	21.6	23.9	1191	4.98	2.9	3.2	1.6	248	0.1	0.3	<0.1	96	4.81	0.173
2098696	Drill Core	4.29	1.8	140.8	9.3	28	0.1	61.7	34.5	974	6.78	32.2	7.7	0.4	165	0.1	2.9	0.3	64	4.35	0.140
2098697	Drill Core	3.27	0.5	136.8	8.6	64	<0.1	148.6	44.4	1543	6.64	16.4	2.1	0.6	133	0.2	0.6	0.1	220	4.20	0.092
2098698	Drill Core	5.85	1.1	114.4	6.9	85	0.1	33.5	24.8	1303	4.84	5.5	6.4	0.5	221	0.3	1.0	<0.1	45	4.73	0.132
2098699	Drill Core	4.11	0.9	118.4	6.6	75	0.1	42.4	25.9	1478	4.53	6.9	8.3	0.4	239	0.2	0.9	<0.1	27	5.69	0.135
2098700	Drill Core	4.25	0.9	133.2	8.6	85	0.2	5.7	20.8	1489	4.31	3.8	7.4	0.6	225	0.4	0.3	<0.1	36	4.97	0.149
2098701	Rock Pulp	0.05	361.9	3368	23.6	54	1.9	31.2	8.4	423	3.22	12.9	907.7	1.1	33	<0.1	3.2	0.6	52	0.67	0.052
2098702	Drill Core	6.01	1.7	86.7	12.8	61	0.5	56.8	27.7	1011	4.98	16.0	11.0	0.6	116	0.6	1.7	0.4	21	4.10	0.092
2098703	Drill Core	6.14	1.6	60.0	15.4	156	0.8	25.1	17.3	572	3.97	19.3	9.5	1.0	59	1.8	7.2	0.6	8	2.08	0.085
2098704	Drill Core	5.86	1.6	51.7	9.3	27	0.3	5.3	12.3	886	3.90	11.7	17.6	0.4	80	0.2	1.7	0.3	8	2.87	0.124
2098705	Drill Core	6.60	1.1	63.8	5.4	55	0.2	3.0	14.1	1684	3.84	12.3	6.0	0.2	143	0.4	0.2	<0.1	8	4.52	0.153
2098706	Drill Core	6.13	3.5	25.4	24.2	70	0.4	4.9	8.1	632	2.59	14.8	5.3	1.4	105	0.6	2.2	0.2	3	2.80	0.080
2098707	Drill Core	6.55	1.5	13.9	23.0	61	0.3	5.1	5.8	679	1.89	6.8	2.9	1.7	133	0.4	1.3	<0.1	2	2.55	0.053
2098708	Drill Core	4.98	1.3	42.4	30.8	34	0.7	7.2	8.7	822	1.82	22.5	2.8	1.8	121	0.4	1.3	<0.1	4	1.90	0.063
2098709	Drill Core	7.60	3.5	19.2	15.6	58	0.1	6.0	6.8	1236	1.37	15.7	2.2	2.6	136	0.3	0.4	<0.1	5	2.12	0.055

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2098680	Drill Core	5	3	1.24	52	0.008	2	2.22	0.032	0.12	<0.1	<0.01	6.7	<0.1	0.28	6	<0.5	<0.2
2098681	Drill Core	4	1	1.14	35	0.010	<1	2.28	0.035	0.13	<0.1	<0.01	5.1	<0.1	0.26	6	<0.5	<0.2
2098682	Drill Core	3	1	1.94	89	0.004	1	1.86	0.029	0.10	0.2	<0.01	10.2	<0.1	<0.05	5	<0.5	<0.2
2098683	Drill Core	6	4	2.11	65	0.009	1	2.50	0.038	0.08	0.1	<0.01	8.4	<0.1	<0.05	7	<0.5	<0.2
2098684	Drill Core	4	3	1.88	71	0.005	2	2.29	0.035	0.13	<0.1	<0.01	6.7	<0.1	0.97	7	<0.5	<0.2
2098685	Drill Core	3	3	1.98	54	0.004	<1	1.97	0.041	0.11	<0.1	0.03	3.9	<0.1	2.50	6	1.1	<0.2
2098686	Drill Core	4	2	1.89	81	0.003	<1	2.52	0.021	0.11	<0.1	<0.01	4.1	<0.1	1.08	7	0.6	<0.2
2098687	Drill Core	2	11	1.29	50	0.003	<1	1.14	0.026	0.15	41.6	0.06	3.9	<0.1	3.18	3	1.8	0.3
2098688	Drill Core	1	11	2.67	39	0.001	<1	0.66	0.019	0.12	0.2	0.04	6.2	<0.1	3.66	1	1.7	0.2
2098689	Rock Chip	8	7	0.67	202	0.123	<1	0.96	0.059	0.45	0.4	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2
2098690	Drill Core	2	61	1.39	18	0.006	2	0.89	0.031	0.12	9.0	0.15	3.8	<0.1	5.72	2	4.6	0.8
2098691	Drill Core	2	<1	1.61	24	0.001	<1	0.57	0.046	0.12	0.3	0.02	3.5	<0.1	4.68	1	1.3	<0.2
2098692	Drill Core	2	2	1.75	24	0.001	1	0.42	0.045	0.14	0.2	0.02	3.5	<0.1	4.35	<1	1.7	<0.2
2098693	Drill Core	<1	64	3.51	20	0.002	2	1.76	0.021	0.09	<0.1	0.03	8.5	<0.1	5.65	5	1.1	0.5
2098694	Drill Core	2	120	3.53	72	0.006	<1	3.64	0.010	0.04	<0.1	<0.01	16.8	<0.1	1.69	9	<0.5	<0.2
2098695	Drill Core	8	18	2.50	222	0.004	<1	3.00	0.020	0.10	<0.1	<0.01	5.7	<0.1	<0.05	8	<0.5	<0.2
2098696	Drill Core	<1	57	2.64	21	0.002	2	1.40	0.017	0.14	<0.1	0.22	7.2	<0.1	5.26	3	2.9	1.0
2098697	Drill Core	2	288	5.00	140	0.010	<1	4.93	0.005	0.02	<0.1	0.03	24.8	<0.1	1.06	11	0.6	0.2
2098698	Drill Core	3	34	2.43	96	0.001	1	0.99	0.023	0.17	<0.1	0.03	6.7	<0.1	1.10	2	<0.5	<0.2
2098699	Drill Core	2	25	2.23	65	0.001	1	0.61	0.023	0.19	<0.1	0.01	4.6	<0.1	1.24	1	<0.5	<0.2
2098700	Drill Core	4	9	1.69	77	0.002	2	1.52	0.023	0.19	<0.1	<0.01	3.1	<0.1	1.34	4	<0.5	<0.2
2098701	Rock Pulp	5	32	0.58	127	0.103	4	1.18	0.084	0.11	0.8	0.08	4.2	<0.1	0.39	4	1.4	<0.2
2098702	Drill Core	<1	29	2.15	25	<0.001	<1	0.65	0.021	0.15	<0.1	0.04	5.0	<0.1	4.25	1	2.6	1.0
2098703	Drill Core	<1	4	1.00	23	<0.001	<1	0.32	0.030	0.16	<0.1	0.11	2.4	<0.1	4.12	<1	2.8	1.0
2098704	Drill Core	1	<1	1.10	30	<0.001	<1	0.33	0.043	0.17	<0.1	0.07	1.5	<0.1	3.78	<1	2.0	1.0
2098705	Drill Core	2	<1	1.09	55	0.002	<1	0.37	0.037	0.20	<0.1	0.02	1.6	<0.1	2.74	<1	0.5	0.5
2098706	Drill Core	2	1	0.38	36	<0.001	<1	0.29	0.015	0.19	<0.1	0.09	0.9	<0.1	2.59	<1	1.9	0.6
2098707	Drill Core	2	<1	0.41	64	<0.001	<1	0.27	0.014	0.18	<0.1	0.06	0.7	<0.1	1.90	<1	<0.5	0.5
2098708	Drill Core	3	2	0.30	84	0.002	<1	0.32	0.027	0.24	<0.1	0.02	0.8	<0.1	1.64	<1	<0.5	0.5
2098709	Drill Core	4	7	0.46	94	0.002	<1	0.48	0.027	0.27	<0.1	0.01	0.8	<0.1	0.69	1	<0.5	<0.2

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Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2098710	Drill Core	4.72	0.7	81.9	6.2	79	0.2	52.9	29.0	1554	5.56	15.2	4.2	0.7	315	0.3	3.1	<0.1	168	8.29	0.107
2098711	Drill Core	5.87	0.5	134.5	10.9	90	0.2	58.5	36.7	1516	6.26	23.9	7.2	0.4	153	0.3	1.0	<0.1	214	5.33	0.120
2098712	Drill Core	5.11	0.4	132.4	3.2	80	<0.1	47.4	35.9	1260	5.44	23.4	2.6	0.3	91	0.1	1.0	<0.1	166	3.73	0.131
2098713	Rock Chip	0.33	<0.1	5.0	3.0	48	<0.1	4.1	4.5	569	2.05	<0.5	<0.5	4.7	66	<0.1	<0.1	<0.1	39	0.64	0.079
2098714	Drill Core	6.24	0.8	127.8	8.7	112	0.6	65.7	37.2	1114	5.29	42.7	5.8	0.3	94	0.3	1.0	<0.1	160	4.23	0.118
2098715	Drill Core	6.31	0.8	140.6	7.6	95	0.6	61.9	35.3	1037	5.05	32.9	8.3	0.3	89	0.3	1.2	<0.1	158	2.91	0.128
2098716	Drill Core	6.02	0.6	125.0	21.6	113	0.7	67.0	39.7	1579	6.21	46.8	9.1	0.4	195	0.5	0.7	<0.1	214	6.05	0.116
2098717	Drill Core	6.95	0.6	117.1	35.0	192	0.7	69.0	39.7	1858	5.67	26.2	10.7	0.2	382	1.2	0.8	<0.1	50	6.96	0.111
2098718	Drill Core	5.87	1.5	121.6	132.1	288	1.4	107.9	49.2	1411	7.01	28.4	13.0	0.6	134	2.8	1.8	0.1	34	3.84	0.126
2098719	Drill Core	6.43	0.7	105.4	58.8	194	0.7	68.0	39.8	1872	6.45	17.2	10.3	0.5	472	1.0	0.6	<0.1	171	6.17	0.110
2098720	Drill Core	6.23	0.7	98.1	46.2	216	0.8	65.4	39.1	1762	6.18	12.3	6.0	0.5	314	1.1	0.6	<0.1	91	6.34	0.104
2098721	Drill Core	6.06	1.3	100.8	70.9	198	0.9	71.1	35.6	1812	6.27	18.8	11.1	0.6	238	1.1	0.6	<0.1	60	5.05	0.112
2098722	Rock Pulp	0.05	366.1	3584	24.6	54	1.9	32.6	8.9	451	3.30	13.8	910.8	1.2	33	<0.1	3.4	0.6	53	0.67	0.051
2098723	Drill Core	6.84	0.9	120.1	127.2	336	1.3	47.7	34.9	2654	7.08	22.1	14.3	0.7	172	0.9	0.9	<0.1	52	4.10	0.138
2098724	Drill Core	7.56	1.4	116.7	183.5	731	1.9	68.4	33.4	1790	5.17	37.0	55.8	0.9	159	8.8	1.2	<0.1	20	4.03	0.139

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Project: Cariboo
Report Date: December 11, 2012

CERTIFICATE OF ANALYSIS VAN12005568.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2098710	Drill Core	3	175	3.55	42	0.012	<1	3.07	0.017	0.10	<0.1	0.03	17.6	<0.1	0.43	8	<0.5	<0.2
2098711	Drill Core	3	175	3.99	64	0.143	<1	3.86	0.012	0.11	<0.1	0.01	21.7	<0.1	1.36	10	0.6	1.3
2098712	Drill Core	2	129	3.24	202	0.279	<1	3.30	0.017	1.09	<0.1	<0.01	4.6	0.3	0.56	8	<0.5	0.3
2098713	Rock Chip	8	7	0.67	219	0.122	<1	1.00	0.067	0.46	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2
2098714	Drill Core	1	207	3.05	88	0.235	<1	2.98	0.028	0.83	<0.1	0.11	5.9	0.2	1.93	8	1.3	1.1
2098715	Drill Core	2	201	2.82	237	0.287	<1	2.89	0.026	1.42	<0.1	0.05	4.6	0.4	0.93	7	1.1	0.3
2098716	Drill Core	2	254	3.87	127	0.211	<1	3.79	0.017	0.65	<0.1	0.05	21.1	0.2	1.36	10	1.1	0.5
2098717	Drill Core	1	101	3.60	80	0.003	<1	1.18	0.012	0.21	<0.1	0.04	9.5	<0.1	1.52	2	1.9	<0.2
2098718	Drill Core	<1	37	1.98	27	0.002	1	0.81	0.020	0.21	<0.1	0.38	6.8	<0.1	4.84	2	3.5	0.3
2098719	Drill Core	2	211	3.64	152	0.005	<1	3.27	0.019	0.07	<0.1	0.05	18.8	<0.1	1.03	9	1.4	<0.2
2098720	Drill Core	2	149	3.50	97	0.003	<1	2.34	0.018	0.12	<0.1	0.04	11.4	<0.1	1.55	6	1.6	<0.2
2098721	Drill Core	1	88	2.91	57	0.002	<1	1.98	0.014	0.15	<0.1	0.07	8.5	<0.1	2.34	4	1.2	<0.2
2098722	Rock Pulp	5	33	0.59	129	0.107	8	1.25	0.087	0.11	0.9	0.09	4.4	<0.1	0.41	4	1.1	<0.2
2098723	Drill Core	2	48	2.50	49	0.003	<1	2.06	0.013	0.17	<0.1	0.10	7.1	<0.1	3.07	4	<0.5	<0.2
2098724	Drill Core	2	16	1.54	35	0.001	<1	0.67	0.021	0.21	<0.1	1.75	5.0	<0.1	3.44	1	<0.5	<0.2

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Project: Cariboo
Report Date: December 11, 2012

QUALITY CONTROL REPORT VAN12005568.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
2098609	Drill Core	6.85	0.4	32.3	11.1	67	0.1	6.1	10.8	1023	2.49	2.1	1.2	1.8	159	<0.1	0.4	<0.1	23	3.09	0.100
REP 2098609	QC		0.3	33.0	11.0	68	0.1	6.1	11.1	1042	2.49	2.0	1.2	1.8	163	<0.1	0.4	<0.1	24	3.17	0.100
2098610	Drill Core	3.61	0.2	22.2	13.1	67	0.1	5.2	10.6	1180	2.46	5.1	19.4	1.9	191	0.1	0.5	<0.1	7	3.64	0.098
REP 2098610	QC		0.2	21.8	13.1	66	0.1	5.1	10.4	1204	2.39	5.2	19.4	1.9	189	0.1	0.4	<0.1	7	3.64	0.098
2098644	Drill Core	2.24	1.2	95.7	5.5	81	<0.1	18.5	26.1	1052	5.94	5.7	4.3	0.9	265	<0.1	0.1	<0.1	97	5.40	0.160
REP 2098644	QC		0.7	93.8	5.3	82	<0.1	19.9	25.2	1052	6.00	5.1	5.2	0.9	266	0.1	0.2	<0.1	98	5.39	0.161
2098645	Drill Core	4.35	1.4	85.6	6.7	83	0.1	35.7	42.6	785	7.38	9.9	2.6	0.4	202	0.1	0.2	0.2	136	4.07	0.142
REP 2098645	QC		1.5	83.7	7.0	84	0.1	36.0	43.6	784	7.50	8.8	3.3	0.5	204	0.2	0.2	0.1	135	4.05	0.143
2098679	Drill Core	5.71	0.3	82.1	3.2	75	<0.1	6.0	24.9	1429	5.53	3.1	6.8	0.9	152	0.2	0.1	<0.1	97	5.85	0.136
REP 2098679	QC		0.2	81.2	3.2	75	<0.1	6.2	25.0	1427	5.53	3.1	4.6	0.9	155	0.1	<0.1	<0.1	96	5.94	0.137
2098680	Drill Core	6.11	0.7	158.6	3.5	102	0.3	9.3	26.8	1899	5.93	2.9	45.2	0.6	166	0.2	0.2	<0.1	97	5.72	0.125
REP 2098680	QC		0.8	157.1	3.5	101	0.2	9.5	27.3	1933	6.05	3.5	23.9	0.6	175	0.2	0.2	<0.1	98	5.87	0.131
2098709	Drill Core	7.60	3.5	19.2	15.6	58	0.1	6.0	6.8	1236	1.37	15.7	2.2	2.6	136	0.3	0.4	<0.1	5	2.12	0.055
REP 2098709	QC		3.5	19.1	16.2	58	0.1	6.8	6.8	1230	1.43	16.9	1.6	2.8	138	0.3	0.4	<0.1	5	2.16	0.057
2098723	Drill Core	6.84	0.9	120.1	127.2	336	1.3	47.7	34.9	2654	7.08	22.1	14.3	0.7	172	0.9	0.9	<0.1	52	4.10	0.138
REP 2098723	QC		0.8	120.8	123.5	330	1.2	47.7	34.4	2611	7.08	21.5	12.6	0.6	166	0.7	0.9	<0.1	53	4.04	0.133
Core Reject Duplicates																					
2098594	Drill Core	5.94	0.9	114.0	13.7	110	0.5	16.1	22.3	1839	4.43	8.5	66.6	1.3	84	2.1	1.1	<0.1	31	5.10	0.159
DUP 2098594	QC	<0.01	0.9	114.7	13.2	110	0.4	16.4	21.1	1851	4.32	8.1	74.2	1.3	87	2.2	1.2	<0.1	30	5.17	0.161
2098628	Drill Core	5.08	0.2	78.0	4.5	58	<0.1	41.0	26.8	902	4.33	10.1	2.0	0.7	215	0.1	0.8	<0.1	126	4.57	0.120
DUP 2098628	QC	<0.01	0.1	78.3	4.3	56	<0.1	41.1	26.2	873	4.27	10.2	1.8	0.7	218	<0.1	0.8	<0.1	126	4.49	0.120
2098662	Drill Core	1.17	0.4	71.3	4.9	66	<0.1	23.6	42.1	867	6.90	2.2	3.3	1.0	100	0.3	<0.1	<0.1	132	3.88	0.134
DUP 2098662	QC	<0.01	0.4	77.5	5.8	67	0.1	25.5	46.1	845	7.14	2.5	4.2	0.9	100	0.2	0.1	<0.1	134	3.74	0.134
2098696	Drill Core	4.29	1.8	140.8	9.3	28	0.1	61.7	34.5	974	6.78	32.2	7.7	0.4	165	0.1	2.9	0.3	64	4.35	0.140
DUP 2098696	QC	<0.01	1.8	153.0	9.9	27	0.1	62.4	35.8	913	6.87	37.2	7.6	0.4	147	0.1	3.5	0.3	59	3.89	0.145
Reference Materials																					
STD DS9	Standard		13.3	109.6	132.4	316	1.8	42.7	7.6	572	2.37	25.6	109.4	6.5	72	2.3	6.0	5.7	40	0.74	0.086
STD DS9	Standard		13.0	112.8	121.5	310	1.9	41.4	7.7	584	2.35	26.6	110.0	6.1	67	2.3	5.4	6.2	39	0.72	0.085

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Project: Cariboo
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QUALITY CONTROL REPORT VAN12005568.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
2098609	Drill Core	9	8	0.67	75	0.032	<1	1.15	0.048	0.19	<0.1	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
REP 2098609	QC	9	9	0.68	76	0.031	<1	1.14	0.048	0.19	<0.1	<0.01	2.2	<0.1	<0.05	4	<0.5	<0.2
2098610	Drill Core	7	2	0.53	156	0.002	<1	0.54	0.030	0.22	<0.1	<0.01	1.6	<0.1	0.22	1	<0.5	<0.2
REP 2098610	QC	7	3	0.52	157	0.002	<1	0.55	0.030	0.22	<0.1	<0.01	1.5	<0.1	0.22	1	<0.5	<0.2
2098644	Drill Core	4	15	1.48	64	0.006	<1	2.32	0.039	0.17	<0.1	0.02	6.5	<0.1	2.39	7	1.0	<0.2
REP 2098644	QC	5	15	1.50	66	0.004	<1	2.23	0.036	0.16	<0.1	0.03	6.5	<0.1	2.37	7	<0.5	0.3
2098645	Drill Core	2	20	1.88	42	0.008	1	2.59	0.033	0.13	<0.1	0.04	9.4	0.1	4.38	8	1.3	0.4
REP 2098645	QC	2	20	1.90	45	0.004	3	2.59	0.032	0.13	<0.1	0.06	9.2	0.1	4.38	8	2.6	0.7
2098679	Drill Core	8	2	1.60	50	0.006	<1	2.97	0.027	0.09	<0.1	<0.01	7.4	<0.1	<0.05	9	<0.5	<0.2
REP 2098679	QC	8	2	1.58	49	0.006	<1	2.98	0.027	0.09	<0.1	<0.01	7.4	<0.1	<0.05	8	<0.5	<0.2
2098680	Drill Core	5	3	1.24	52	0.008	2	2.22	0.032	0.12	<0.1	<0.01	6.7	<0.1	0.28	6	<0.5	<0.2
REP 2098680	QC	5	3	1.30	52	0.008	2	2.25	0.032	0.12	<0.1	<0.01	7.1	<0.1	0.28	6	<0.5	<0.2
2098709	Drill Core	4	7	0.46	94	0.002	<1	0.48	0.027	0.27	<0.1	0.01	0.8	<0.1	0.69	1	<0.5	<0.2
REP 2098709	QC	4	7	0.47	93	0.002	2	0.53	0.028	0.27	<0.1	<0.01	0.8	<0.1	0.71	1	<0.5	<0.2
2098723	Drill Core	2	48	2.50	49	0.003	<1	2.06	0.013	0.17	<0.1	0.10	7.1	<0.1	3.07	4	<0.5	<0.2
REP 2098723	QC	2	48	2.48	49	0.002	<1	2.03	0.013	0.17	<0.1	0.11	7.1	<0.1	3.07	4	<0.5	<0.2
Core Reject Duplicates																		
2098594	Drill Core	9	26	0.05	272	0.012	<1	0.42	0.022	0.29	0.4	0.10	2.4	<0.1	<0.05	1	<0.5	<0.2
DUP 2098594	QC	8	25	0.05	264	0.010	2	0.42	0.022	0.28	0.3	0.10	2.4	<0.1	<0.05	1	<0.5	<0.2
2098628	Drill Core	4	135	2.65	69	0.081	2	2.14	0.029	0.06	<0.1	<0.01	9.6	<0.1	<0.05	7	<0.5	<0.2
DUP 2098628	QC	5	130	2.71	67	0.081	<1	2.18	0.032	0.06	<0.1	0.02	10.4	<0.1	<0.05	7	0.7	<0.2
2098662	Drill Core	4	19	2.14	52	0.006	<1	3.60	0.012	0.09	<0.1	0.02	7.0	<0.1	0.89	9	1.9	<0.2
DUP 2098662	QC	4	19	2.17	50	0.005	<1	3.58	0.011	0.09	<0.1	0.02	7.5	<0.1	1.12	9	2.7	<0.2
2098696	Drill Core	<1	57	2.64	21	0.002	2	1.40	0.017	0.14	<0.1	0.22	7.2	<0.1	5.26	3	2.9	1.0
DUP 2098696	QC	<1	55	2.42	18	0.002	2	1.31	0.016	0.14	<0.1	0.28	6.9	<0.1	5.54	3	4.0	1.2
Reference Materials																		
STD DS9	Standard	13	123	0.64	308	0.116	2	0.97	0.079	0.41	3.1	0.24	2.9	5.6	0.16	5	4.9	4.9
STD DS9	Standard	12	126	0.63	296	0.113	3	0.97	0.079	0.40	3.0	0.19	2.3	5.3	0.17	5	6.1	4.9

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QUALITY CONTROL REPORT VAN12005568.1

		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
STD DS9	Standard		14.0	114.2	134.3	296	1.7	41.8	7.7	557	2.29	24.4	114.7	7.1	65	2.3	4.9	6.4	39	0.73	0.074
STD DS9	Standard		13.4	113.4	132.6	319	1.9	42.1	7.9	596	2.49	26.4	119.0	6.8	73	2.4	5.6	7.0	43	0.75	0.088
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	0.1	3.1	3.0	50	<0.1	3.9	4.6	568	1.94	0.7	<0.5	4.6	53	<0.1	0.2	<0.1	34	0.46	0.077
G1	Prep Blank	<0.01	<0.1	2.8	2.4	46	<0.1	3.9	4.4	560	1.92	1.4	<0.5	4.6	51	<0.1	0.1	0.1	34	0.46	0.078

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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		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
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD DS9	Standard	13	123	0.62	287	0.117	3	0.96	0.079	0.40	3.0	0.18	2.2	5.6	0.17	4	5.6	4.8
STD DS9	Standard	13	126	0.64	317	0.119	3	0.99	0.087	0.42	3.2	0.21	2.5	5.6	0.18	5	5.6	5.3
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank	8	10	0.60	234	0.125	1	0.96	0.066	0.48	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	8	10	0.60	222	0.126	2	0.94	0.063	0.47	<0.1	<0.01	2.2	0.5	<0.05	5	<0.5	<0.2