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ASSESSMENT REPORT

describing

DIAMOND DRILLING

Performed
at the

QB PROPERTY

QB 1-28	YB75490-YB75517
QB 29-60	YB83119-YB83150
QB 61-80	YB83151-YB83170
QB 85-104	YB83175-YB83194
QB 105-124	YB90003-YB90022
QB 125-128	YB91816-YB91819

NTS 105B/07 and 105B/08
Latitude 60°26'N; Longitude 130°26'W

Field work performed between August 17 and August 30, 2012

located in the

Watson Lake Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

STRATEGIC METALS LTD.

by

C.J. Chung, B.Sc. Geology, GIT

December 2012

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INTRODUCTION

The QB (Quarterback) property covers an area with lead-zinc-silver showings and soil geochemical anomalies, located in the Cassiar Platform of southern Yukon. The property is owned by Strategic Metals Ltd.

This report describes a diamond drilling program conducted between August 17 and 30, 2012 by Archer, Cathro & Associates (1981) Limited on behalf of Strategic Metals. The author participated in the program and her Statement of Qualifications is shown in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The QB property is located in the Rancheria area of southern Yukon (Figure 1), at latitude 60°26' north and longitude 130°26' west on NTS map sheets 105B/07 and 8. It is comprised of 124 contiguous mineral claims and covers an area of approximately 2569 ha (25.69 km²). The claims are registered with the Watson Lake Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic Metals. Specifics concerning claim registration are tabulated below, while the locations of the individual claims are presented in Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
QB 1-8	YB75490-YB75497	February 15, 2022
9-14	YB75498-YB75503	February 15, 2021
15-22	YB75504-YB75511	February 15, 2022
23-28	YB75512-YB75517	February 15, 2021
29-60	YB83119-YB83150	February 15, 2022
61-80	YB83151-YB83170	February 15, 2021
85-104	YB83175-YB83194	February 15, 2021
105-124	YB90003-YB90022	February 15, 2022
125-128	YB93816-YB91819	February 15, 2021

* Expiry date includes 2012 work which has been filed for assessment credit.

Access to and from the property was provided by a Bell 206 L4 helicopter owned and operated by Fireweed Helicopters Ltd. from the Rancheria Motel, which is located on the Alaska Highway, approximately 40 km to the south of the property. All personnel stayed at the Rancheria Motel.

The closest supply centre is the community of Watson Lake, which lies 120 km east of Rancheria along the Alaska Highway. An unmaintained dirt road extends north from KM 1115 on the Alaska Highway to within 12 km of the property. The current status of this road is uncertain. The Alaska Highway is usable in all seasons by two wheel drive vehicles.

HISTORY AND PREVIOUS WORK

Work has been performed in the QB property area by various workers sporadically since 1979. Previous work has defined three geochemically anomalous soil areas (Area A, B, C) and four

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FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY LOCATION

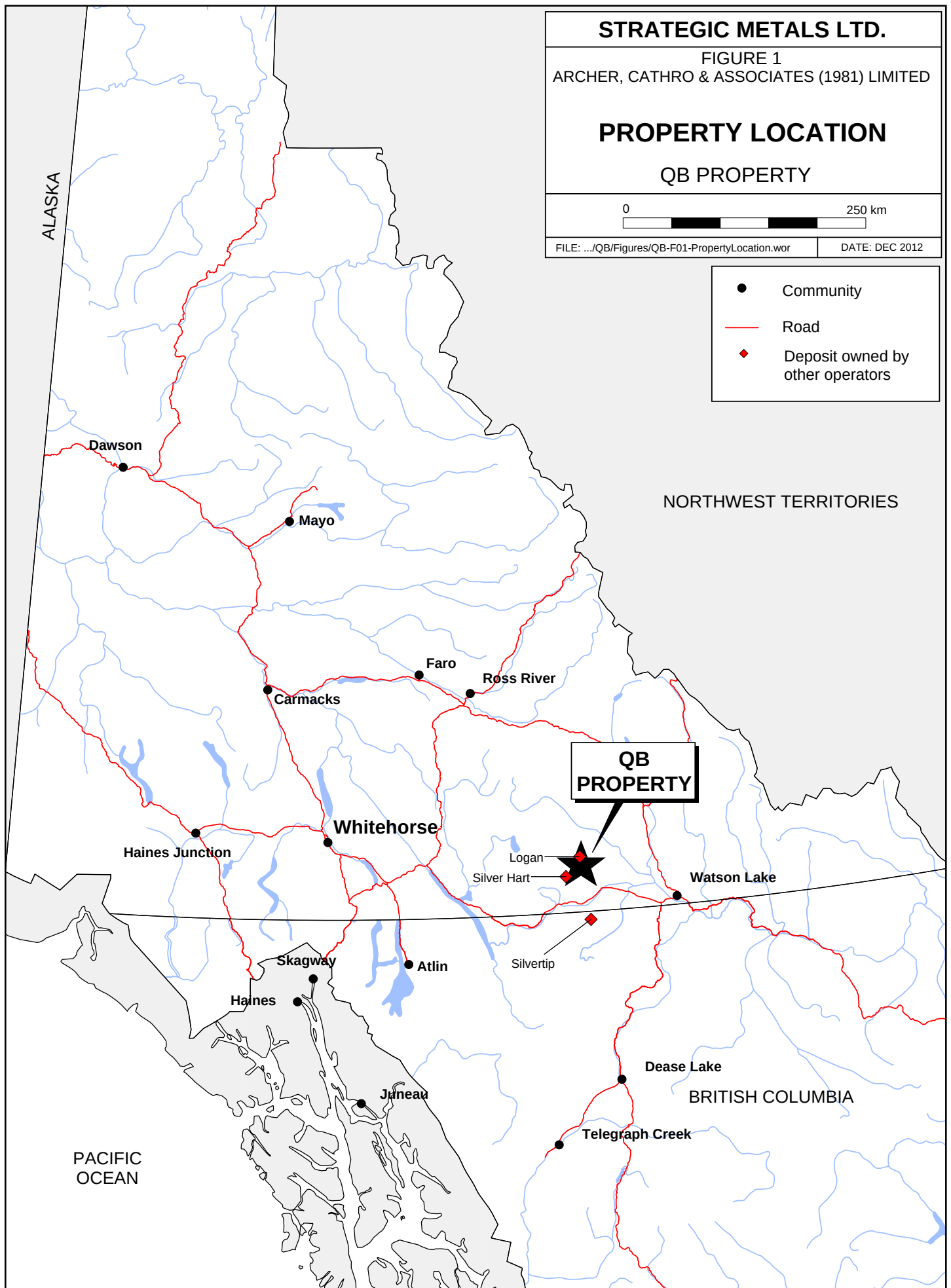
QB PROPERTY

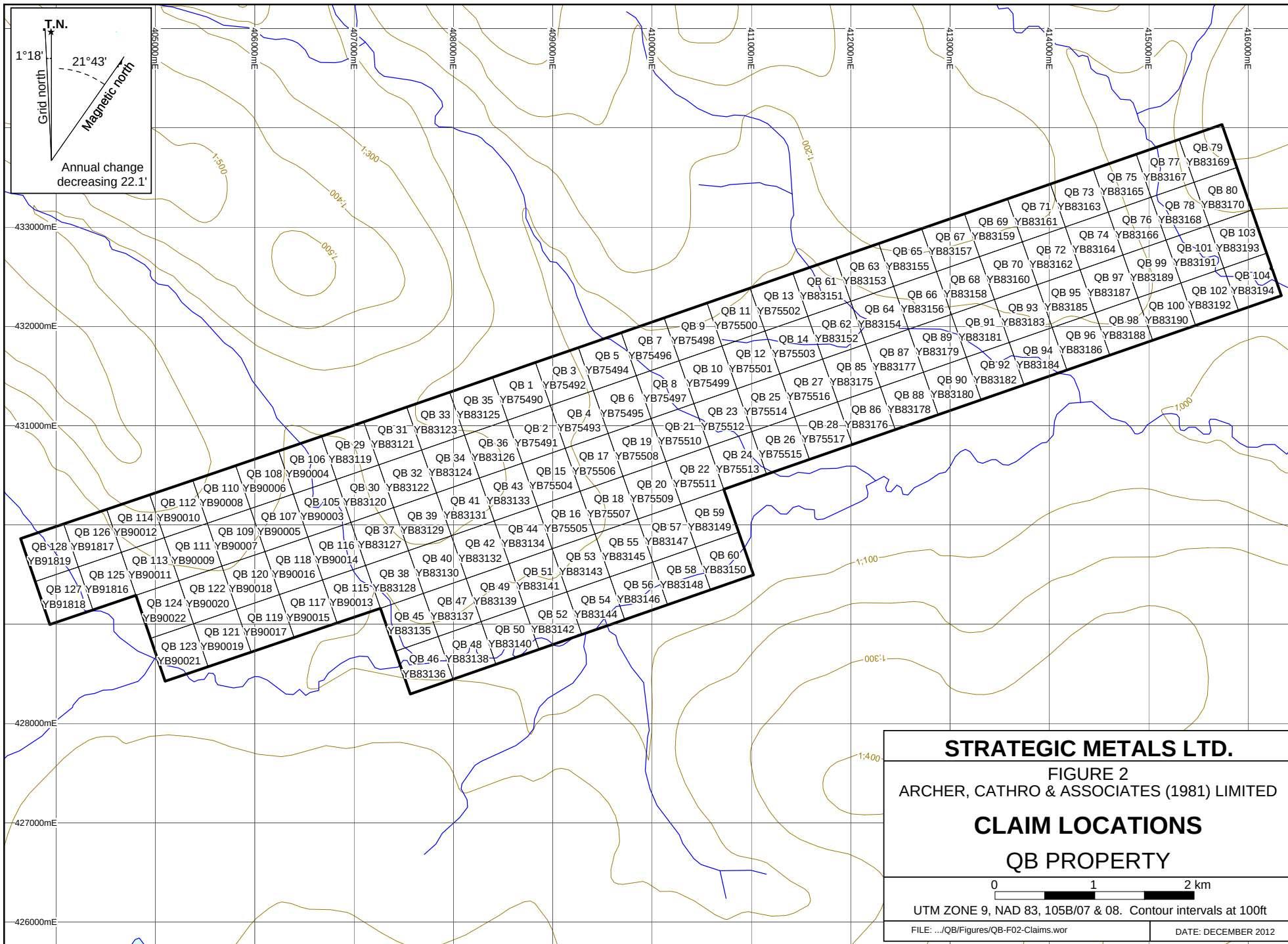
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DATE: DEC 2012

- Community
- Road
- ◆ Deposit owned by other operators





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FIGURE 2
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS

QB PROPERTY

0 1 2 km

UTM ZONE 9, NAD 83, 105B/07 & 08. Contour intervals at 100ft

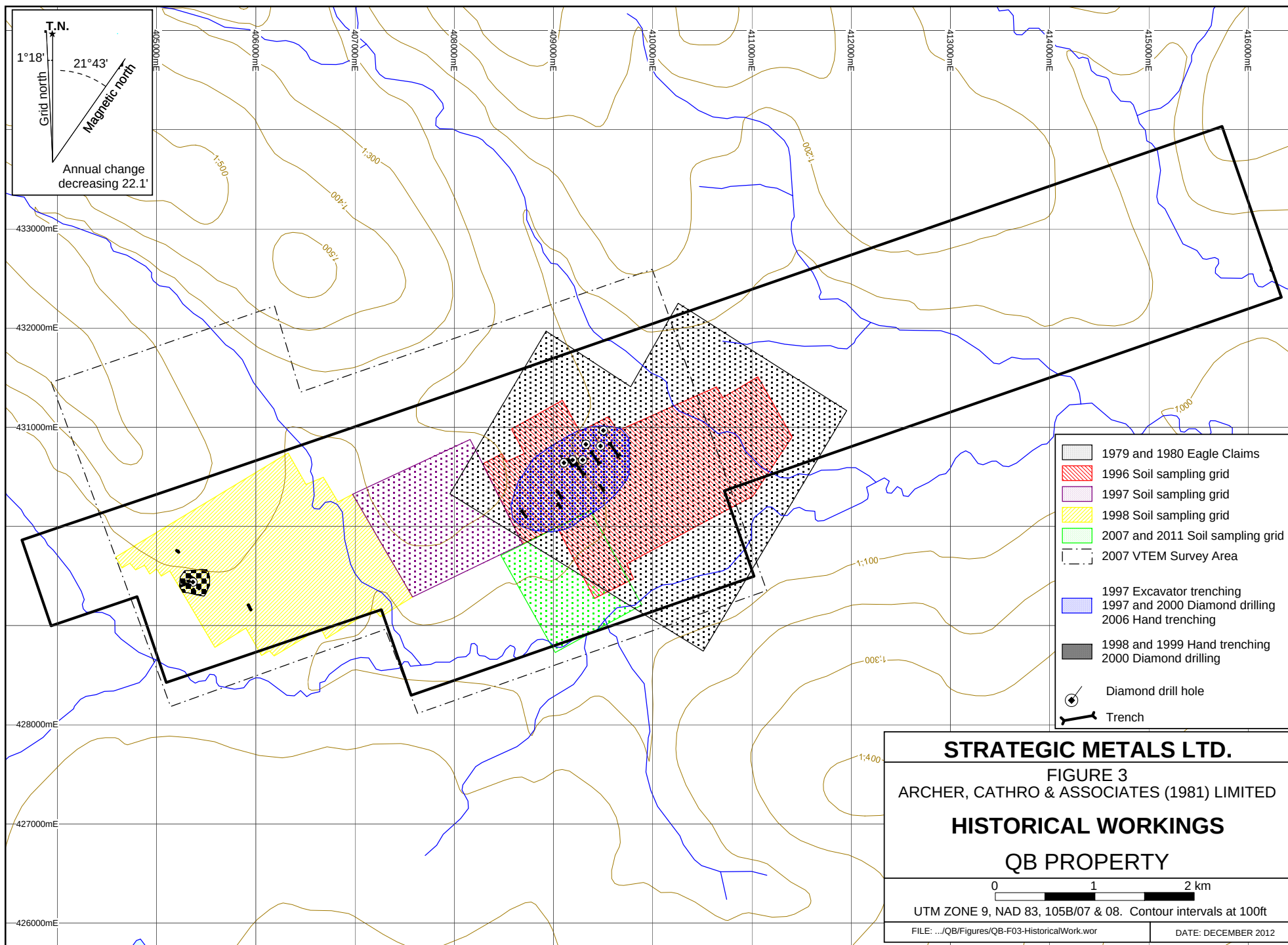
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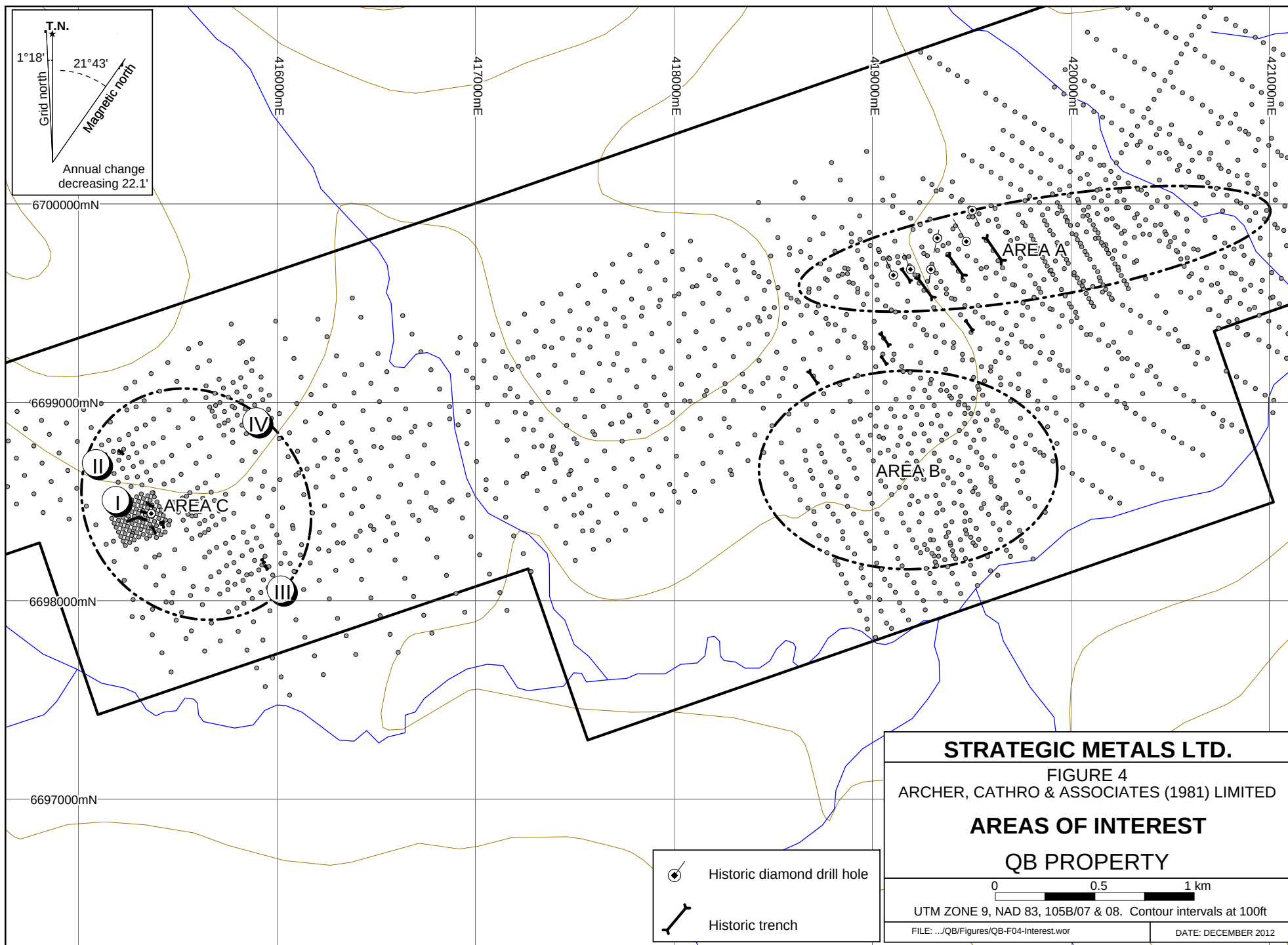
DATE: DECEMBER 1992

geophysically anomalous zones (Zone A, B, C, D). Within Area C, four bedrock exposures of mineralization have been discovered (Showing I, II, III, IV). Figure 3 illustrates the locations of the historical workings while Figure 4 shows the anomalous soil geochemical areas and bedrock showings. Previous exploration work in the area of the QB property is summarized in Table I and discussed in the following paragraphs.

Table I – Exploration History of the QB Property

Year of Work (Report #)	Owner/ Operator	Work Performed	Results
1979 (090601)	Regional Resources Ltd.	Claim staking Geological mapping Prospecting Grid soil sampling Geophysical surveys	Mapped isoclinal folding of the rocks in the property area. Two geochemical anomalies were identified. IP surveys confirmed fracture style mineralization.
1980 (090715)	Amax of Canada Ltd.	Geophysical surveys Hand trenching	Identified five IP and one VLF-EM anomalies.
1988 (062259)	Fairfield Minerals Ltd.	No work reported	
1996 (093674)	Nordac Resources Ltd.	Claim staking Geological mapping Prospecting Grid soil sampling Geophysical surveys	Outlined one lead-zinc soil anomaly. Massive sulphide float samples collected along the soil anomaly returned an average of 0.13% copper, 9.10% lead, 9.98% zinc and 144 g/t silver. Geophysics identified four sub-parallel conductors.
1997 (093819)	Nordac Resources Ltd.	Claim staking Geological mapping Prospecting Grid soil sampling Excavator trenching Diamond drilling (994 m)	Extended the existing lead-zinc soil anomaly to the west. Trenching did not reached bedrock and diamond drilling did not sufficiently explain the abundant mineralized float in the area of the anomaly. The best intersect was in QB-97-8, which assayed 1.52% lead, 3.20% zinc, and 25.2 g/t silver over 11.93 m.
1998 (093996)	Nordac Resources Ltd.	Claim staking Geological mapping Prospecting Grid soil sampling Hand trenching	Four more multi-element anomalies were outlined and identified mineralized float or bedrock. Chip sampling in Showing I averaged 0.34% copper, 2.52% lead, 0.91% zinc and 151.1 g/t silver over 15 m.
1999 (094078)	Nordac Resources Ltd.	Geological mapping Prospecting Soil sampling Hand trenching	Additional chip sampling from trenches in the Showing I area averaged 0.34% copper, 2.6% lead, 0.8% zinc and 155.3 g/t silver over 16.5 m. A composite sample from strongly weathered float boulders found in the pit in Showing III graded 0.44% copper, 2.2% lead, 0.31% zinc and 229 g/t silver.
2000	Nordac Resources Ltd.	Geological mapping Prospecting Soil sampling Hand trenching Diamond drilling (273 m)	Samples from the two Area C diamond drill holes averaged 0.22% copper, 1.70% lead, 2.79% zinc and 142 g/t silver over 2.25 m and 0.45% copper, 1.70% lead, 2.55% zinc and 125 g/t silver over 2.18 m.
2006	Valencia Ventures Inc.	Hand trenching	Unsuccessful at reaching bedrock
2007	Valencia Ventures Inc.	VTEM geophysical survey Prospecting Soil sampling	Geophysical surveys identified several weak anomalies throughout the property area. Follow up work on the best preliminary EM





			anomalies returned weakly anomalous results were returned
2011	Silver Predator Canada Corp.	Grid soil sampling	Focused sampling in Area B and highlighted one multi-element anomaly

The central part of the current QB property was previously staked as the Eagle claims in July 1979 by Regional Resources Ltd. It explored the property with geological mapping, prospecting, soil geochemistry and geophysical surveys later that year. Soil sampling outlined a 2500 by 1000 m copper±lead-zinc±silver anomaly that trends northeast across almost the entire length of the Eagle claim block. Those samples returned up to 105 ppm copper, 1250 ppm lead, 3740 ppm zinc and 8.2 ppm silver. Prospecting within this geochemical anomaly located numerous float boulders containing massive pyrrhotite with minor galena and sphalerite. Several grab samples collected from these boulders returned up to 0.71% copper, 1.15% lead, 3.70% zinc and 2.42 oz/ton (83 g/t) silver. One sample of schist returned 0.09% copper, 0.14% lead, 8.55% zinc and 14 g/t silver. Reconnaissance geophysical surveys were performed across the inferred structures and geochemical anomalies, and a resulting induced polarization (IP) anomaly indicated fracture-style mineralization is present in underlying bedrock. Magnetometer and electromagnetic work produced inconclusive results (Verley, 1980).

In 1980, the claims were optioned to a joint venture between Amax Exploration Limited and Pan Ocean Oil Limited, which performed additional geophysical (IP and Resistivity, VLF-EM and Total Field Magnetism) surveys. Five discrete IP anomalies and one well defined VLF-EM conductor were outlined by these surveys. The surveys also identified a contact between schist and a more resistive rock type lying to the north of the survey area (Cartwright and Hallof, 1981). Amax Exploration terminated the option in 1981 (Westerman, 1986). Some targets were hand trenched but none were tested by mechanized methods. The claims were transferred to Fairfield Minerals Limited in 1988, but no additional work was reported before the claim expired.

Nordac Resources Ltd. restaked the anomalies as the QB claims in February 1996. Geological mapping, prospecting, grid soil sampling and geophysical surveys (Total Magnetic Field and HLEM) were conducted in June that year within the Central Zone (Area A). Soil sampling outlined a 2400 by 500 m easterly trending anomaly in the northern half of the grid, with an 800 by 200 m core, which coincides with the area of high-grade massive sulphide float reported by Regional Resources. Follow up prospecting discovered more high-grade massive sulphide float. Ten pyrite-pyrrhotite-sphalerite-galena bearing specimens collected over a distance of 2000 m along the axis of the soil geochemical anomaly returned arithmetic averages of 0.13% copper, 9.10% lead, 9.98% zinc and 143.9 g/t silver. Mineral textures and radiogenic lead isotope data suggested that the float is derived from a vein/manto replacement-type deposit. A ground geophysical program consisting of 16.7 line km of HLEM and magnetometer surveys was conducted by Amerok Geosciences Ltd. at the same time as the soil sampling. The magnetometer survey produced only erratic spot highs, while the HLEM survey identified four sub-parallel conductors, each less than 400 m in length (Wengzynowski, 1997).

In 1997, Nordac Resources expanded the QB claim block and continued exploration with geological mapping, prospecting, grid soil sampling, excavator trenching and diamond drilling. Grid soil sampling was performed immediately west of the 1996 grid and covered a 1200 by

1200 m area. The sampling extended the zone of anomalous lead-zinc values on the 1996 grid across the full length of the 1997 grid but did not identify any values as strong as those found in the 800 by 200 m core of the original anomaly. Reconnaissance samples taken along two claim lines for a distance of about 2000 m west of the 1997 grid returned scattered, weakly to strongly anomalous silver, lead and zinc values. Prospecting done in conjunction with the reconnaissance soil sampling discovered a new area of mineralized float (Showing I), a specimen from which returned 0.99% copper, 2.35% lead, 1.29% zinc and 181.0 g/t silver.

The 1997 trenching and diamond drilling program was completed in Area A. Eight trenches totalling 1100 m were dug by the excavator. Only intermittent bedrock was encountered in any of the trenches, and all trenches in the core of the anomaly bottomed in till. Although abundant mineralized float was found in the glacial till profile, no significant mineralization was exposed in bedrock. Diamond drilling in 1997 totalled 994 m in eight holes. These holes intersected either fractured filling or massive to semi-massive mineralization, usually in breccia zones located within limestone horizons. Hole QB-97-8 returned the best intersection which averaged 1.52% lead, 3.20% zinc and 25.2 g/t silver over 11.93 m, including 1.75 m grading 8.43% lead, 13.50% zinc and 107.5 g/t silver. Nordac Resources felt that the massive sulphide intersections obtained from this drilling were too narrow to adequately explain the abundant mineralized float observed throughout the property (Wengzynowski, 1998).

Nordac Resources continued its work on the QB claims in 1998 with geological mapping, prospecting and soil sampling to the west of the 1997 grid, in the vicinity of Showing I. The 1998 grid covered an 1800 by 2000 m area, enlarging the total area of soil geochemical coverage to about 6000 by 2000 m. The work outlined four new clusters of anomalous multi-element geochemical response, each with associated mineralization (Showings I to IV). The mineralization is hosted in jasperoid altered limestone, which is usually strongly oxidized and probably leached. Residual sulphides are present in some specimens as galena, sphalerite, chalcopyrite, pyrite and/or pyrrhotite. Chip samples returned encouraging results with the best values coming from a hand trench in Showing I, which averaged 0.34% copper, 2.52% lead, 0.91% zinc and 151.1 g/t silver over 15 m (Becker, 1999).

In 1999, Nordac Resources concentrated its exploration efforts on the western end of the QB claim block, specifically Showings I and III. The program consisted of geological mapping, prospecting, minor soil sampling and hand trenching. Hand trenching extended the lengths of several trenches dug in 1998. Additional chip sampling from trenches at Showing I averaged 0.34% copper, 2.6% lead, 0.8% zinc and 155.3 g/t silver over 16.5 m. Work at Showing III consisted of several hand pits, none of which reached bedrock. A composite sample from strongly weathered float boulders found in that pit graded 0.44% copper, 2.2% lead, 0.31% zinc and 229 g/t silver. The other hand pits did not locate mineralized float or bedrock (Becker, 2000a).

In 2000, Nordac Resources performed geological mapping, prospecting, soil geochemistry, hand trenching, and diamond drilling (three holes totalling 272.8 m). One hole was collared in Area A to test mineralized fault structures down dip from previous massive sulphide intersections associated with altered limestone wall rock. That hole cut several narrow faults within a chemically non-reactive schist underlying the limestone, from which the best interval returned

0.61% lead 0.65% zinc and 14.0 g/t silver across 1.5 m. Two other holes were collared to test beneath Showing I at Area C. Those holes showed that the rock units containing replacement-type mineralization dip more shallowly than anticipated. The best assay intervals in the holes graded 0.22 % copper, 1.17% lead, 2.79% zinc and 76 g/t silver over 2.25 m and 0.45% copper, 1.70% lead, 2.55% zinc and 125 g/t silver over 2.18 m (Becker, 2000b). In 2001, Nordac Resources restructured and became Strategic Metals Ltd.

In 2006, Valencia Ventures Inc. optioned the property from Strategic Metals and performed hand trenching at relatively unexplored soil geochemical, ground magnetic and VLF anomalies and silver-rich float locales within Area A. Geological and structural data were not obtained from these trenches because none of them reached bedrock (Wengzynowski, 2007).

In 2007, Valencia Ventures conducted a program of geophysical surveys (VTEM and magnetics), prospecting and soil sampling. This program identified three main conductive and magnetic anomalies (Zone A, B and C). Follow-up work in the vicinity of the best EM conductor (Zone B) included prospecting and soil sampling within a weak kill zone. Soil and rock samples produced subdued results for copper, lead, zinc and silver (Wengzynowski, 2008). Valencia Ventures later dropped its option.

In 2011, the QB property was optioned by Strategic Metals to Silver Predator Canada Corp., which performed grid soil sampling in Area B. That sampling identified a thin, southwest trending lead-zinc±arsenic anomaly approximately 500 m long. Results ranged up to 716.1 ppm lead, 2298 ppm zinc and 267.8 ppm arsenic. Silver Predator dropped the option in February 2012 (O'Brien, 2012).

GEOMORPHOLOGY

The QB property covers an area of low rolling hills along the eastern edge of the Cassiar Mountains immediately west of the Liard Plateau. Tributaries to the Little Moose River flow southeasterly through the property. The Little Moose River flows into the Liard River, part of the Mackenzie River watershed.

Local elevations range from 980 m above sea level (ASL) in the Little Moose River valley to 1240 m ASL atop the highest knolls on the claim block. Topographic relief is gentle, averaging 10° with occasional steeper slopes in the vicinity of creek cuts. Pleistocene valley glaciers deposited a blanket of till ranging from 0.2 to 10 m thick over most of the property. Some areas are hummocky, resembling “kame and kettle” type topography.

The entire property lies below tree line and vegetation consists of spruce, birch and pine forests with alder and buckbrush undergrowth.

The climate in the QB area is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and short, mild summers. Temperatures typically vary from 20 °C in summer to -35 °C in winter. The property is mostly snow free from early June to late September. Snow makes up about one-third of the average 550 mm of precipitation.

REGIONAL GEOLOGY

Geology in the vicinity of the QB property was mapped at 1:250,000 scale in the late 1950s, 1960s and 1970s by the Geological Survey of Canada (Poole, et al., 1960; Gabrielse, 1969; Tempelman-Kluit, et al., 1976). Various parts of the area have been remapped at 1:50,000 by geologists working for Indian and Northern Affairs Canada (Lowey and Lowey, 1986; Amuken and Lowey, 1987a and 1987b), B.C. Ministry of Energy and Mines (Nelson and Bradford, 1986 and 1993), and the Yukon Geological Survey (Roots, et al., 2004). In 2003, Gordey and Makepeace completed a Yukon-wide geological compilation.

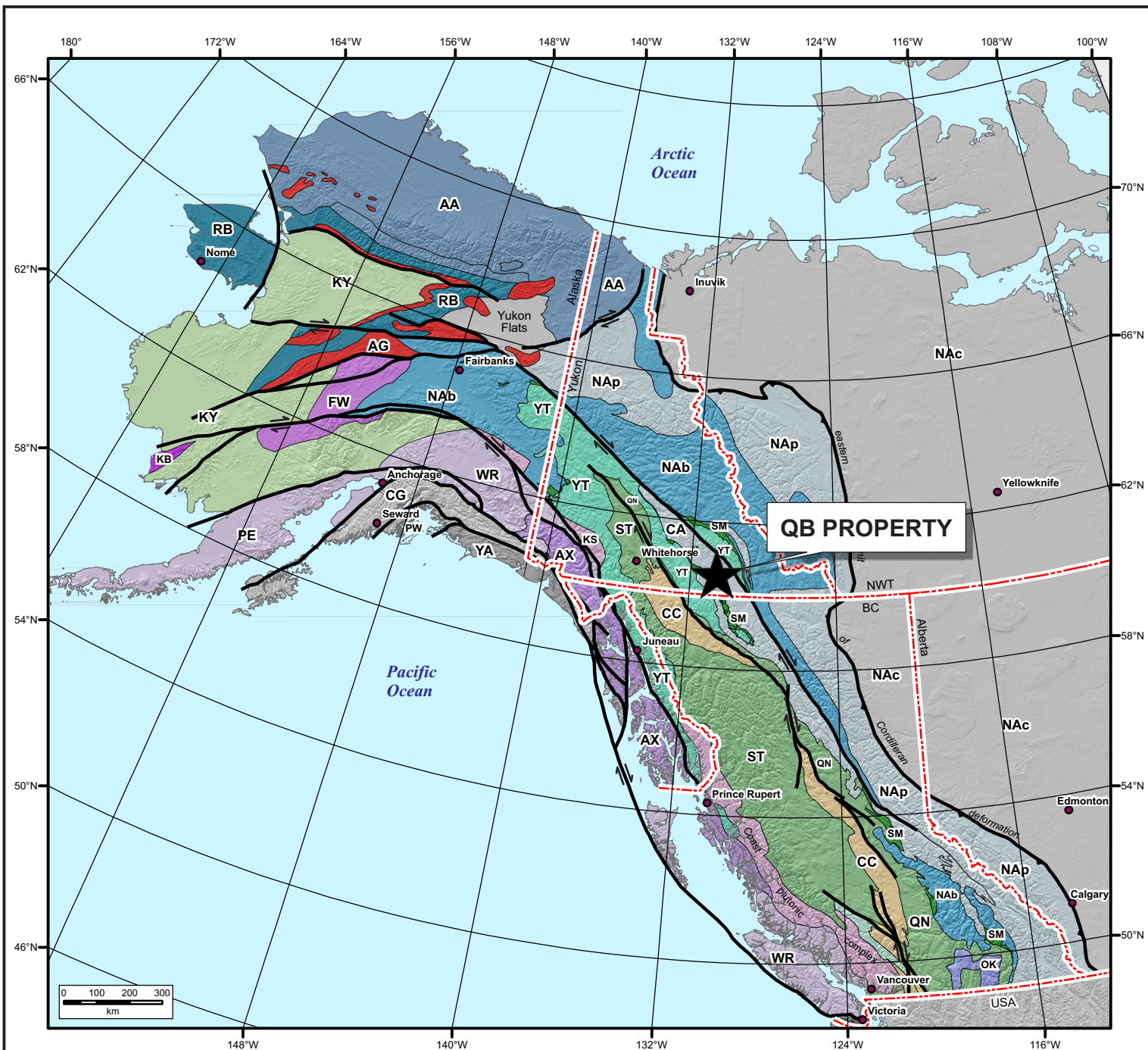
The QB property lies within a belt of calcareous and non-calcareous sedimentary and metasedimentary rocks belonging to the Cassiar Platform tectonic element (Figure 5). This is an allochthonous cratonal fragment juxtaposed against ancestral North America, which extends through northern British Columbia into central Yukon. The northeastern edge of the belt is defined by the Tintina Fault Zone, a series of sub-parallel transcurrent faults that produced about 420 to 460 km of dextral offset in Early Tertiary times (Mortensen, et al., 2000). The southwest side is bounded by the D'Abbadie Thrust Fault (Keijzer, et al., 1999). Cassiar Platform rocks were mainly deposited as shallow water sediments during Paleozoic times along the margin of North America. They were deformed and metamorphosed by arc-continent collision in the early Mesozoic and were subsequently intruded by various plutonic suites. The regional metamorphic fabric strikes southeasterly and dips moderately toward the northeast. Intrusions in the area range from Early Jurassic to Early Tertiary in age (Mihalynuk and Heaman, 2002) but most belong to the Mid-Cretaceous Cassiar Plutonic Suite (Mortenson, et al., 2000). The Cassiar Plutonic Suite intrusions include batholiths (Cassiar, Hake and Seagull), stocks and dyke complexes.

The major high angle faults in the area are aligned sub-parallel to the Tintina Fault Zone and exhibit primarily dextral strike-slip offsets. Movement on these structures produced a series of smaller, northeast trending extensional faults that are associated with silver bearing mineralization at a number of prospects in the area.

Figure 6 illustrates geology as compiled by Gordey and Makepeace. The main lithological units are described in Table II.

Table II – Regional Stratigraphic Units (after Gordey and Makepeace, 2003)

Unit Name	Age	Map Name	Description
Regolith	Quaternary	Q	Unconsolidated glacial, glaciofluvial and glaciolacustrine deposits; fluvial silt, sand, and gravel, and local volcanic ash, in part with cover of soil and organic deposits.
Cassiar Suite	Middle Cretaceous	mKgC	Medium to coarse grained, equigranular to porphyritic granodiorite, biotite-muscovite granodiorite, quartz diorite, biotite quartz monzonite, granite.
Atan Group	Lower Cambrian	ICR	Resistant, thick bedded to massive, limestone and argillaceous limestone; local archaeocyathid buildups, trilobite fragments, oolites, and pisolites; pisolitic massive dolomite and limestone; marble, calc-silicate, calcareous



YA	Yakutat
PW	Prince William
CG	Chugach
PR	Pacific Rim
CR	Crescent
KY	Koyukuk, Nyak, Togiak
PE	Peninsular
AX	Alexander
WR	Wrangellia
KS	Kluane, Windy, Coast
AG	Angayucham/Tozitna/Innoko
AA	Arctic-Alaska, Hammond
RB	Coldfoot, Ruby, Seward
FW	Farewell
KB	Kilbuck

Outboard

Insular

Northern Alaska

MT	Methow
CD	Cadwallader
BR	Bridge River
CC	Cache Creek
HA	Harrison
CK	Chilliwack
ST	Stikinia
QN	Quesnellia
OK	Okanagan
YT	Yukon-Tanana
SM	Slide Mountain

Intermontane

CA	Cassiar
NAb	North America - basinal
NAp	North America - platform
NAc	North America - craton & cover

Ancestral North America

Taken from Colpron, M. and Nelson, J.L., 2011

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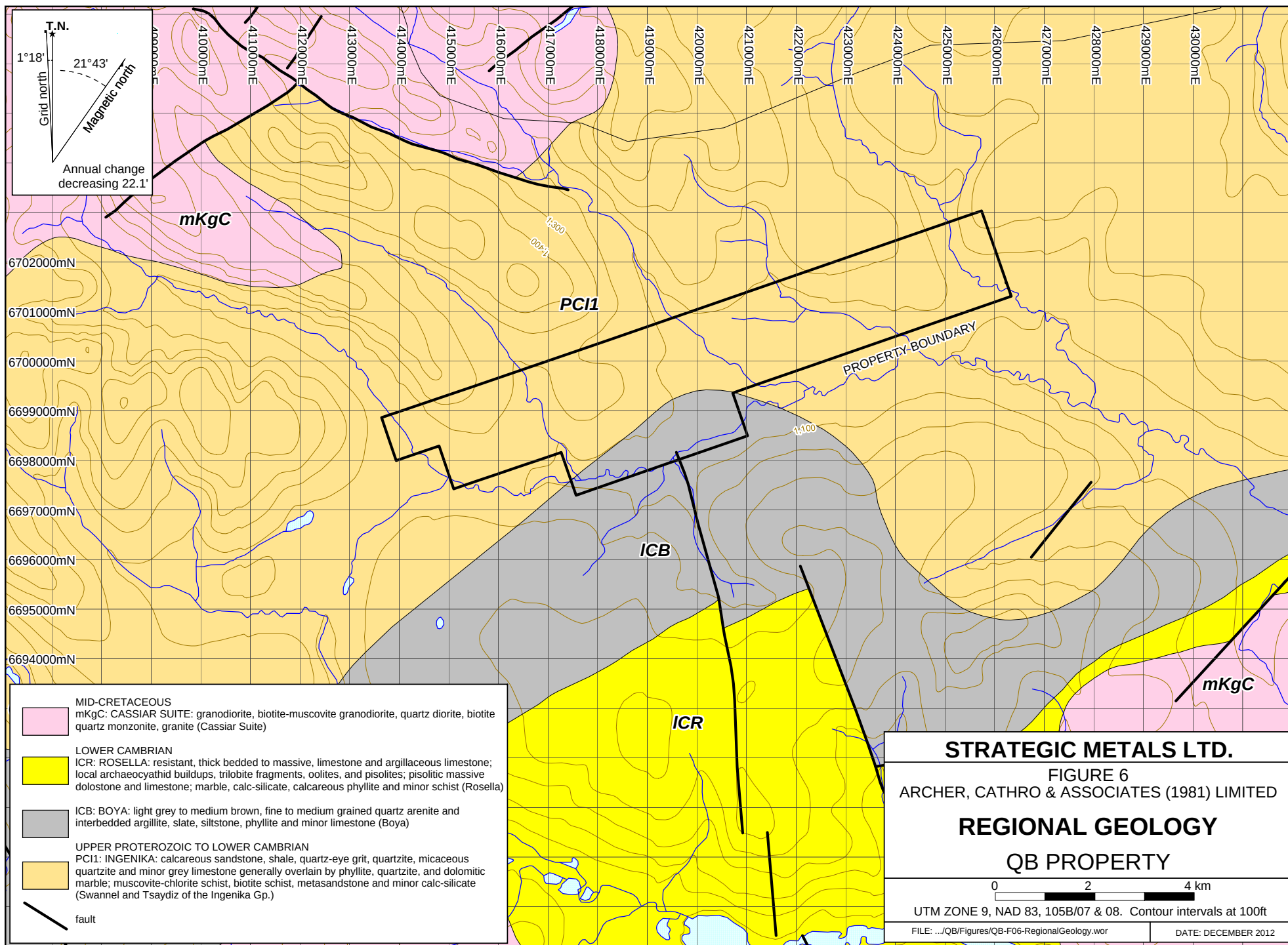
FIGURE 5

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TECTONIC SETTING QB PROPERTY

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DATE: DECEMBER 2012



			phyllite and minor schist. (Rosella Formation)
		ICB	Light grey to medium brown, fine to medium grained quartz arenite and interbedded argillite, slate, siltstone, phyllite and minor limestone. (Boya Formation)
Ingenika Group	Upper Proterozoic to Lower Cambrian	PCI	Calcareous sandstone, shale, quartz-eye grit, quartzite, micaceous quartzite and minor grey limestone generally overlain by phyllite, quartzite, and dolomitic marble; muscovite-chlorite schist, biotite schist, meta-sandstone and minor calc-silicate. (Swannel and Tsaydiz formations)

REGIONAL MINERALIZATION

More than 250 mineral occurrences have been reported in the Cassiar Mountains of northern British Columbia and southern Yukon. A high proportion of these occurrences are in the Rancheria area where various types of silver bearing mineralization are associated with Cretaceous igneous activity. Although some discoveries were made in the first half of the twentieth century, most were made after 1950 when construction of the Alaska Highway greatly improved access.

The period of maximum exploration activity occurred in the early to mid-1980s and was stimulated by drill discoveries at the Silvertip Deposit by Regional Resources, the Logan Deposit by Fairfield Minerals and the Silver Hart Deposit by Silver Hart Mines Ltd. These properties are the most advanced projects in the area. The locations of these deposits are shown on Figure 1.

The Silvertip Deposit is hosted in Devonian sediments and mineralization on the property is interpreted as a silver rich, polymetallic manto style deposit representing the distal portions of a larger Carbonate Replacement Deposit (CRD) system. Diamond drilling and underground developments have outlined the following indicated and inferred resource estimates (Silvertip Metals Inc., 2012):

Lower Zone – Indicated resource - A total of 2.46 million tonnes grading 5.88% lead, 6.26% zinc, 315 g/t silver and 0.41 g/t gold.

Lower Zone – Inferred resource – A total of 1.65 million tonnes grading 4.55% lead, 5.64% zinc, 281 g/t silver and 0.09 g/t gold.

Upper Zone – Inferred resource – A total of 3.64 million tonnes grading 0.65% lead, 2.36% zinc and 39 g/t silver.

Vein and shear hosted mineralization occurs within the Cretaceous Marker Lake Batholith at the Logan Deposit where historical resources are estimated at 13.08 million tonnes grading 5.1% zinc and 23.7 g/t silver (Traynor, 2005). The Silver Hart Deposit, consisting of a series of veins cutting quartz rich clastic rocks interbedded with schists and gneisses of the contact zone

between Cretaceous Cassiar Batholith and Lower Cambrian Boya Formation, reportedly contains 59,893 tonnes grading 1824 g/t silver (Traynor, 2005).

PROPERTY GEOLOGY

No property-scale mapping was performed during the 2012 work program. The following descriptions are from previous workers.

The QB property lies between the Marker Lake Batholith, about 4 km to the north, and the Meister Lake Stock, approximately 6 km to the southeast.

Bedrock exposure on the property is poor (<5%) and is generally restricted to creek cuts or small windows through the glacial till cover. Most of the property is underlain by schists that are believed to be Lower Cambrian in age (Boya Formation). Limestone is interbedded with the schist, forming horizons up to 100 m thick. The only intrusive rocks observed on the property are narrow felsic dykes.

The lack of exposure limits structural interpretation. In the eastern part of the property, trenching and drilling have enhanced the understanding of local structures and stratigraphy suggesting the existence of a relatively open synformal structure (Wengzynowski, 1998). Foliation is well developed in most units and parallels compositional layering.

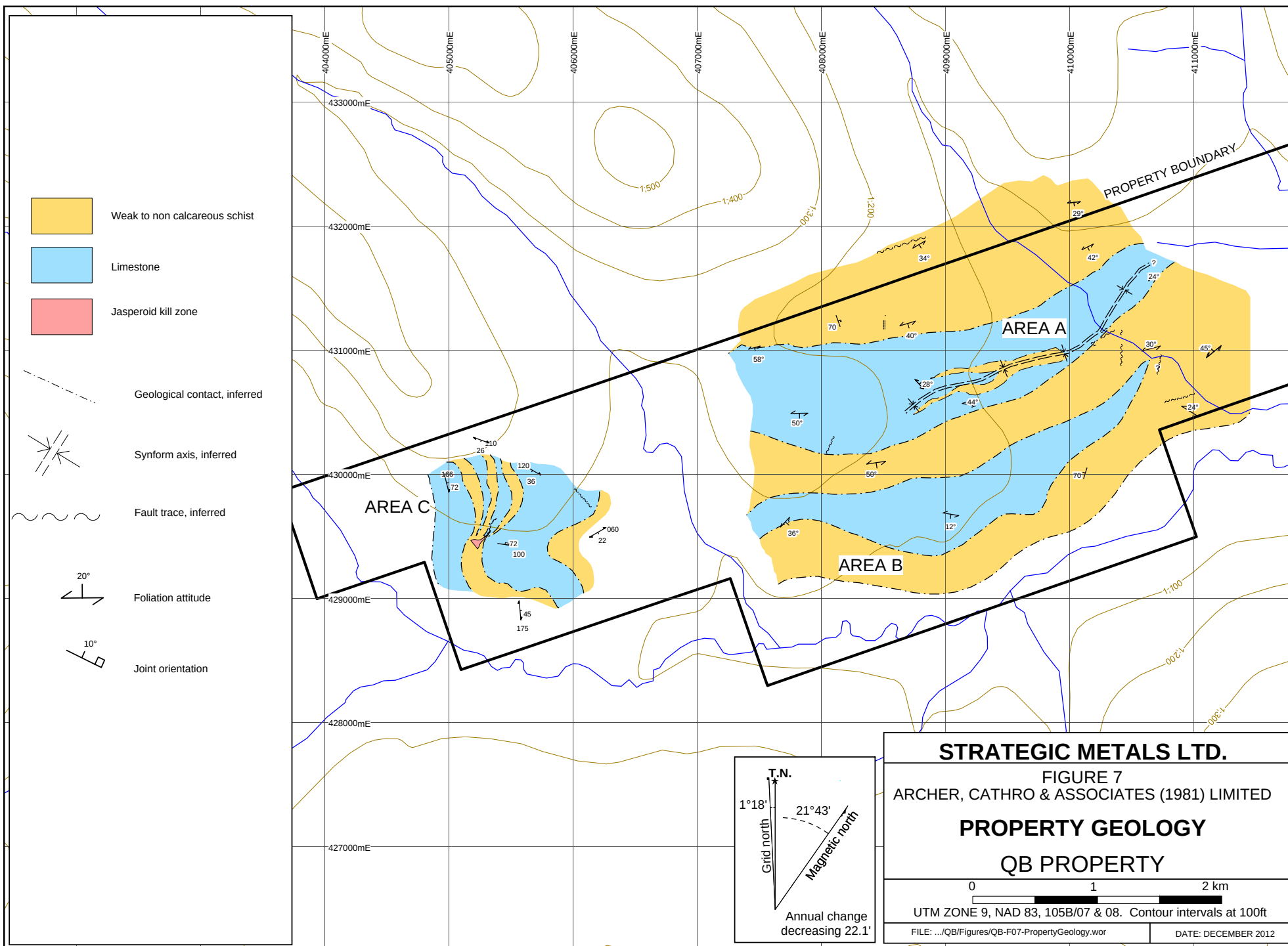
The main geological features on the QB property are shown on Figure 7, while the main lithologies are described below. Although the schist units are described separately, they are not subdivided on the map.

Quartz-muscovite ± biotite ± feldspar schist is the most common schist unit. It is tan weathering, medium grained, well foliated, grey to dark green weathering and moderately fissile. Biotite and chlorite contents are variable ranging from 0 to 30 %. Quartz and feldspar augens are present in some layers with the feldspar often weathering to kaolinite. This schist varies from hard and massive to crenulated and highly fissile.

Quartz-muscovite schist is pale grey-green and mostly occurs as thin, 1 to 15 cm interfoliations within limestone. This unit is commonly calcareous and is the least common of the schist units.

Limestone is either white and coarsely crystalline or pale greenish grey and fine grained. The finer grained material contains biotite and muscovite along schistose partings and laminations. In the vicinity of the mineral occurrences the limestone is often intensely silicified (jasperoid) and brecciated. Contacts between fresh limestone and silica altered zones are usually gradational.

Felsic dykes are composed of fine to medium grained, light grey groundmass with rounded phenocrysts of quartz and feldspar up to 2 mm in diameter. This unit is not common and has not been found in outcrop.



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FIGURE 7
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PROPERTY GEOLOGY

QB PROPERTY

0 1 2 km

UTM ZONE 9, NAD 83, 105B/07 & 08. Contour intervals at 100ft

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DATE: DECEMBER 2012

Most topographic linears on the property are best seen on air photos and are interpreted as steep easterly trending faults. These structures may have played an important role in controlling mineralization. Northeasterly and north-northwesterly trending faults have also been inferred based on isolated bedrock exposures, topographic linears and geophysical interpretation (Wengzynowski, 1998).

The best understood fault is in Area C. Its surface trace follows a topographic linear located immediately southeast of the main zone of mineralization and alteration (Showing I). This linear projects downhill into a till covered area featuring a vegetation depleted “kill zone”. Foliation orientations and rock types differ across the fault. Base on deflection of its surface trace by topography, the fault appears to strike easterly to northeasterly with a shallow southerly dip. This orientation is supported by measurements on jointing along the north side of the structure which average about 065/35°S (Becker, 2000a).

PROPERTY GEOCHEMISTRY AND MINERALIZATION

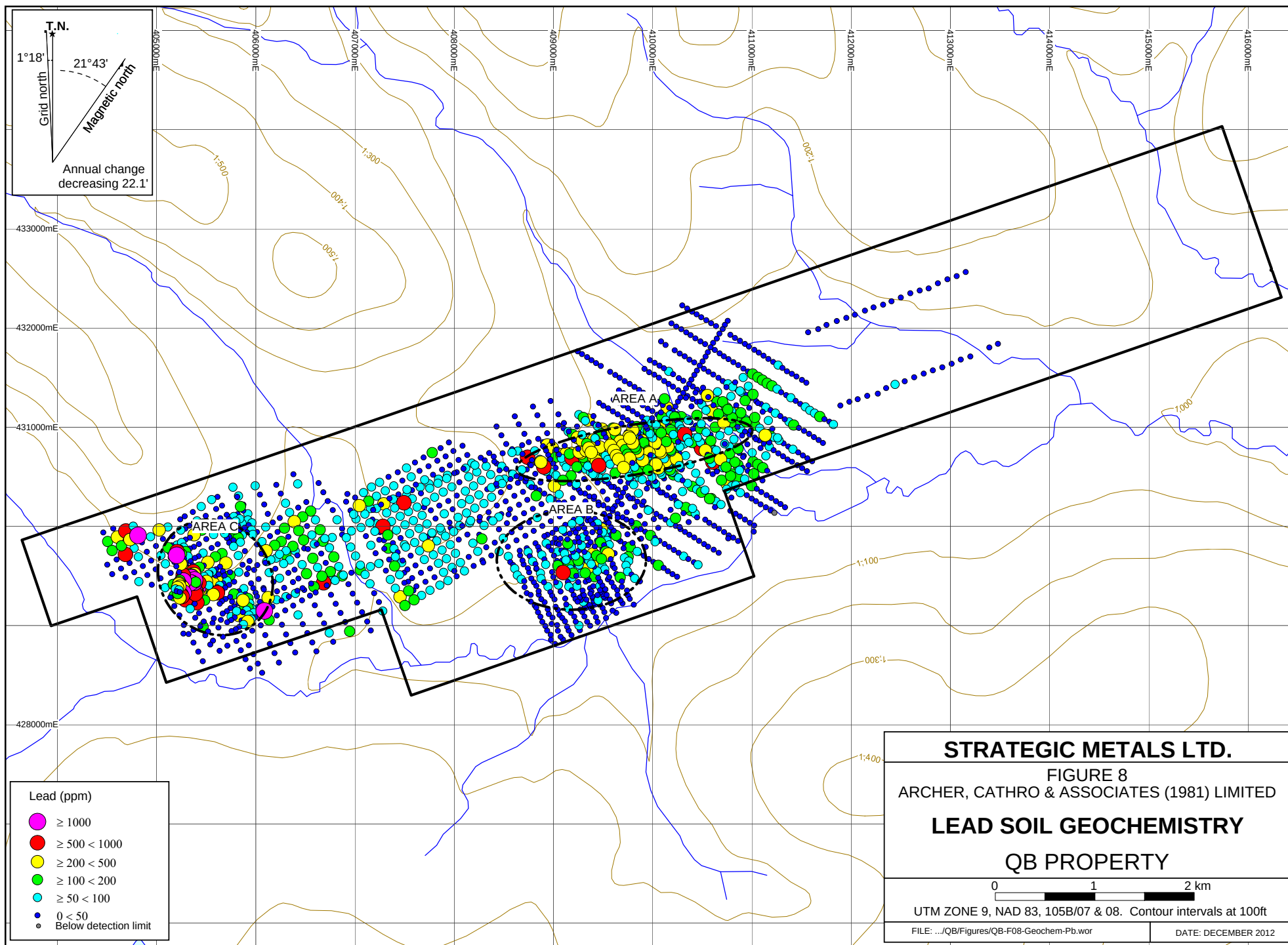
Soil geochemical results from the various sampling programs at QB property outlined a broad, relatively continuous band of anomalous lead and zinc response that extend across the different grids for a combined length of 6 km. The three main areas of interest are labelled Area A, B, and C on Figure 4 and are described in the following paragraphs. Figures 8-11 illustrate property geochemistry for copper, lead, zinc and silver, respectively. Figure 12 shows the location of the diamond drill holes and trenches.

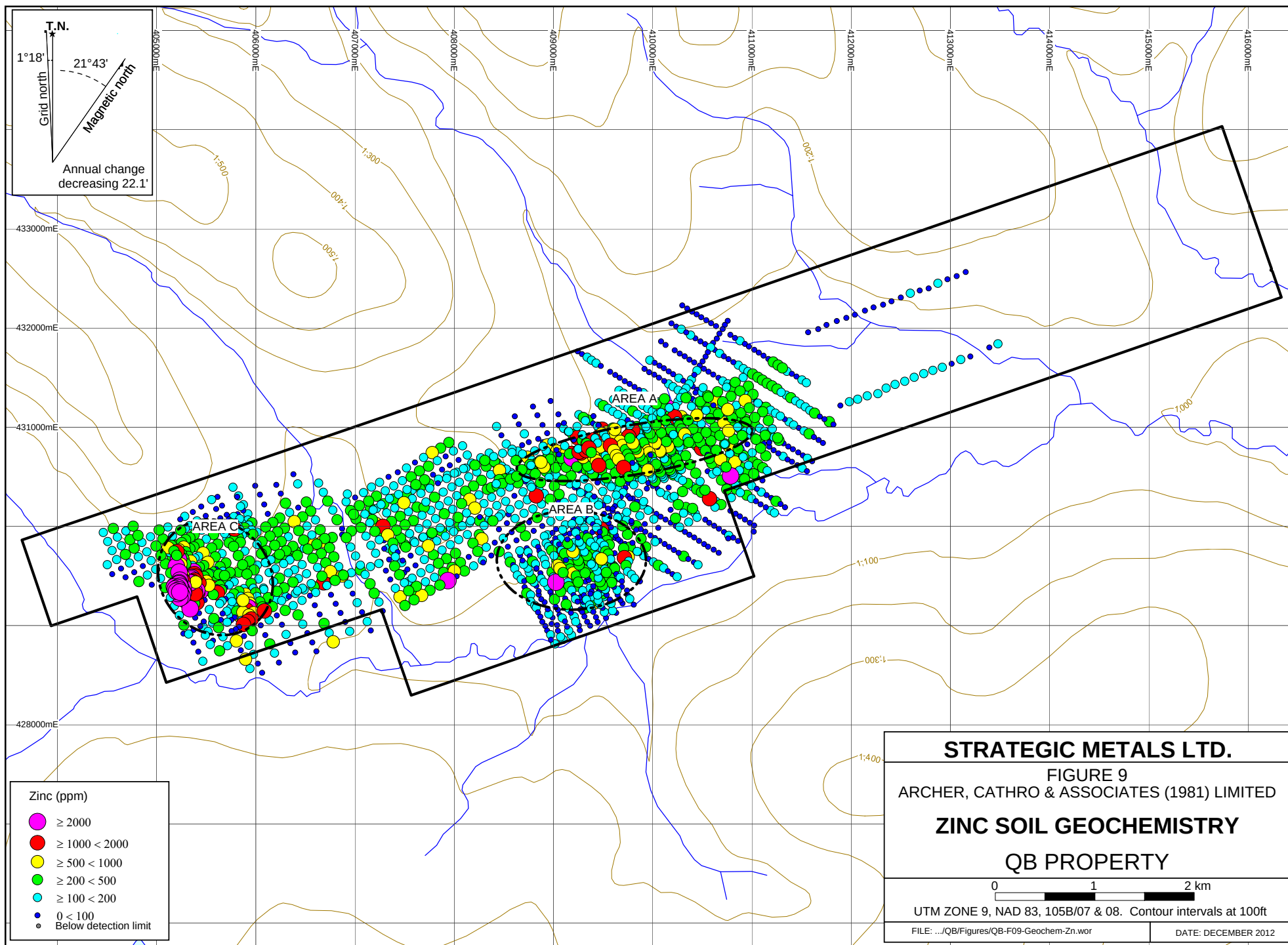
Area A is a 2400 by 500 m east-northeast trending lead-zinc anomaly with a strongly anomalous core measuring 800 by 200 m. Copper and silver response is subdued compared to the other two metals. The core of the anomaly coincides with the projected surface trace of a synclinal axis.

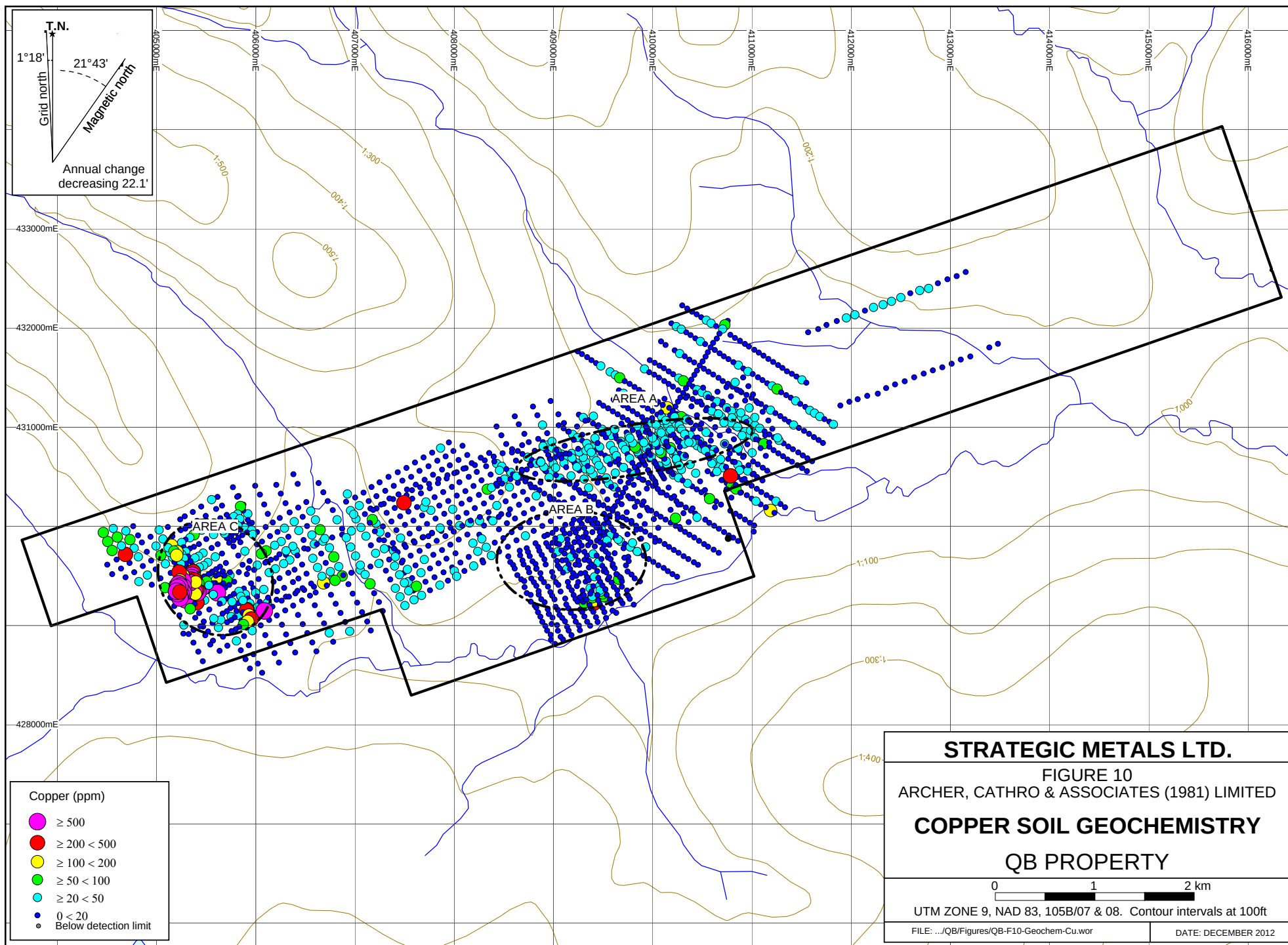
Mineralized float boulders were discovered at a number of sites within Area A. Most of the boulders consist of massive pyrite-pyrrhotite ± sphalerite ± galena ± chalcopryrite exhibiting weak banding and replacement textures commonly associated with manto replacement style mineralization. Ten specimens sampled in 1996 returned arithmetic average grades of 0.13% copper, 9.10% lead, 9.98% zinc and 143.9 g/t silver with peak values of 0.28% copper, 18.70% lead, 20.2% zinc and 281 g/t silver. Heavily disseminated sphalerite and galena identified within dolomitized limestone and metasediments yielded up to 9.74% lead, 12.60% zinc and 778 g/t silver (Wengzynowski, 1998).

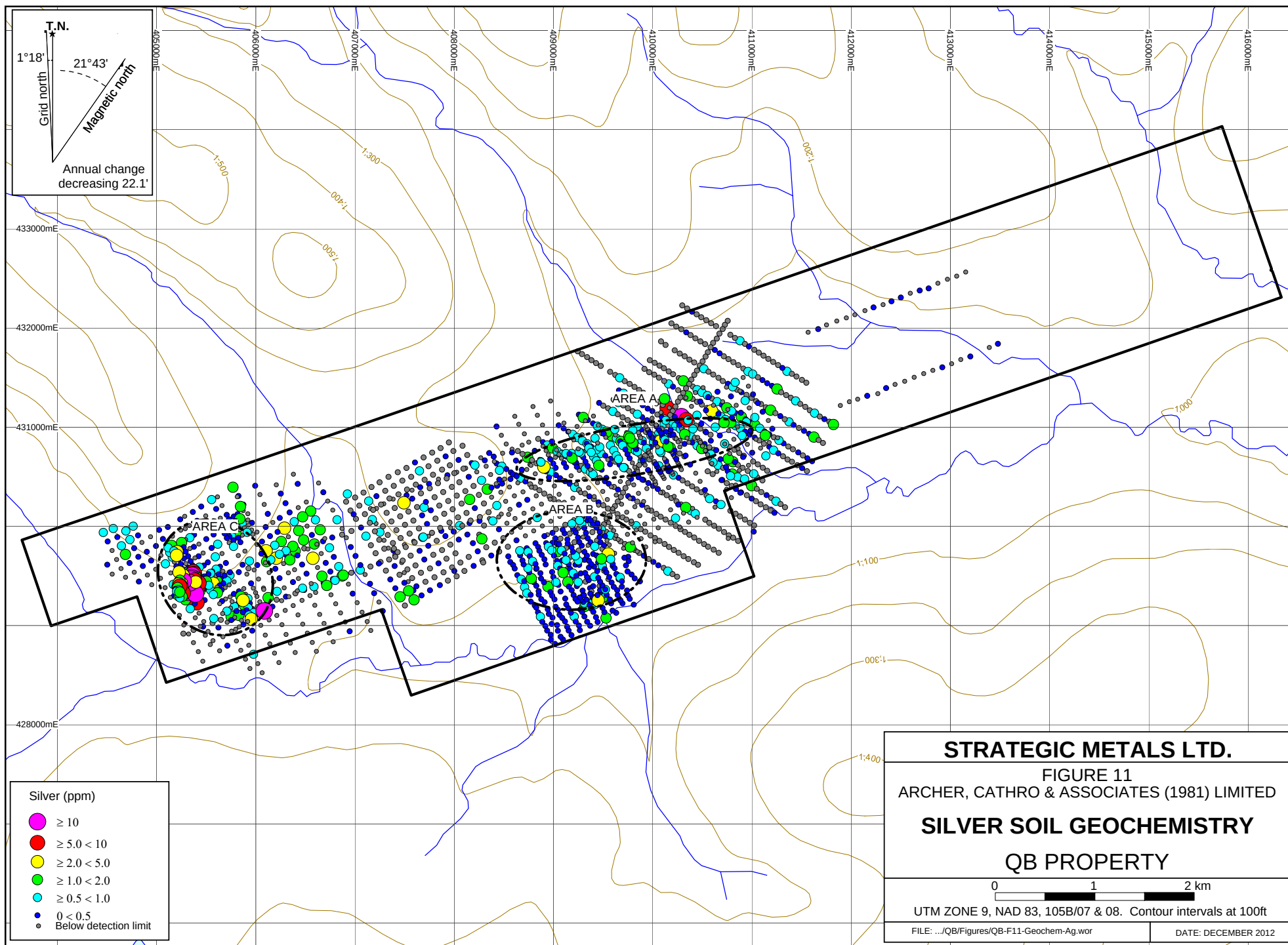
Excavator trenching, which attempted to explore the soil anomaly, was largely unsuccessful because of swampy unstable ground conditions and thicker than expected glacial till. Only parts of four of the eight trenches reached bedrock. No mineralization was exposed in bedrock but several of the trenches located significant mineralization in the till profile (Becker, 1999).

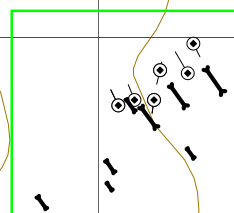
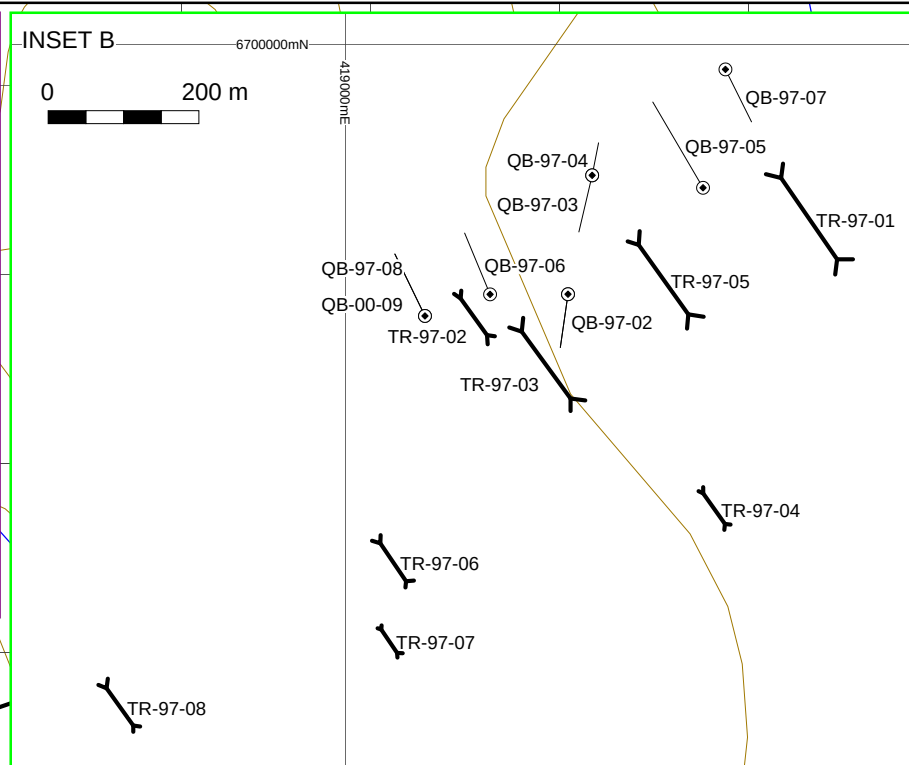
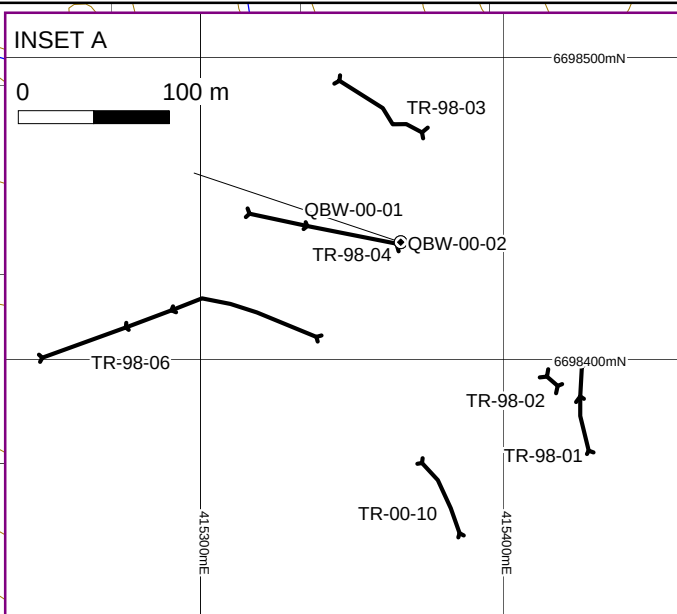
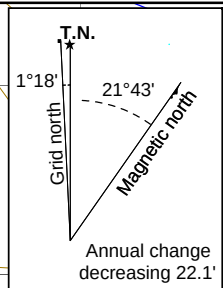
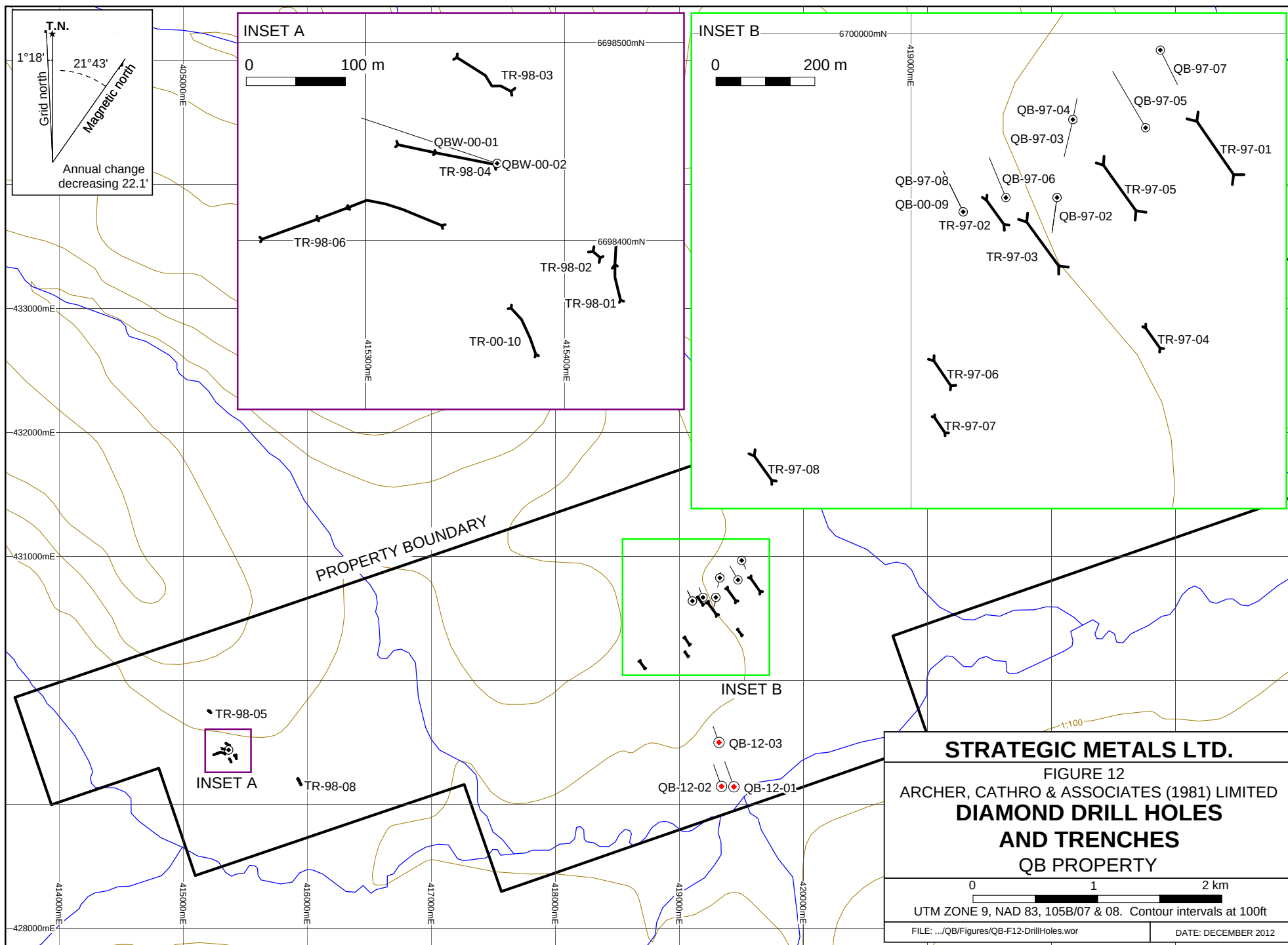
Area B is roughly 1500 by 1000 m in size and contains weakly anomalous lead values surrounding clusters of moderately and strongly anomalous response. Very little follow up work has been done in this area and no mineralization has been documented.











Area C is situated about 4 km west of Area A and hosts five zones of anomalous copper-lead-zinc-silver geochemical response within a 1 km² block. Trends of elevated values are very irregular suggesting that the mineralization is structurally complex or that metal dispersion in soil has been complicated by glacial smearing. Carbonate replacement mineralization has been identified in the vicinity of the strongest soil geochemical anomalies. The mineralization is mostly hosted in jasperoid altered horizons. Five zones of interest were outlined within Area C (Figure 4), four of which are Showing I, II, III and IV. These showings are described in the following paragraphs (Becker, 1999 and 2000b). The fifth zone is a cluster of anomalous samples in the most northwesterly part of the soil sampling grid. It covers an area of 450 by 350 m and is characterized by strongly anomalous lead values with weakly anomalous zinc and copper. No mineralization has been discovered in this area and its relationship to the known showings is uncertain (Becker, 2000a).

Showing I was originally found by prospecting in 1997. It occurs within a 450 m diameter area where soil samples returned extremely high values for all indicator elements (copper-lead-zinc-silver) except for a band of weakly anomalous values that coincides with a barren schist horizon. The northwest edge of the barren schist is an inferred fault that is marked by a northeast trending topographic linear. This linear drains downhill into a “kill zone”. Mineralization and alteration are strongest on the northwest side of the fault and gradually decrease away from it.

Mineralized outcrops in the northwest half of Showing I are all related to jasperoid alteration formed by silicification of limestone. The original textures of the limestone are preserved, in part because of very fine grained carbonate grains that are encapsulated within the jasperoid. Typical jasperoid is medium to dark grey and massive except for occasional vugs. It contains blebs (0.5 to 2 mm in diameter) of galena, sphalerite and pyrite with lesser pyrrhotite, chalcopyrite and fine grained tetrahedrite. Most outcrops are moderately weathered and are coated with limonite, manganese and locally abundant malachite. Sericitized limestone fragments are common within the jasperoid altered zone but their foliation attitudes are erratic suggesting they may be breccia fragments formed by collapse of the hanging wall rocks during jasperoid formation.

Lateral zonation is evident in the alteration zone with a core of mineralized jasperoid adjacent to the fault grading outward to barren jasperoid, dolomite and finally unaltered limestone. Foliation attitudes in unaltered rocks north of the fault strike northerly and dip steeply to the east or southwest while foliations in rocks southeast of the fault strike northeast and dip moderately to the southeast. Joints in all rock types usually strike northeast and dip steeply to the southeast or northwest.

The average grade of nine specimens of mineralized jasperoid collected in 1998 was 0.51% copper, 2.40% lead, 1.16% zinc and 168.2 g/t silver (Becker, 1999). The best results from hand trenching were in TR98-03 which averaged 0.34% copper, 2.6% lead, 0.8% zinc and 155.3 g/t silver over 16.5 m. TR98-04, located 50 m downhill from TR98-03, exposed 14 m of jasperoid mineralization. Two diamond drill holes were drilled from a single site, immediately east (downhill) of TR98-04. Both holes encountered the jasperoid mineralization but at much shallower depths and across narrower thicknesses than anticipated. The grades, however, were similar to the trench samples.

Showing II was found by prospecting in 1998. It is marked by moderate to strong soil geochemical response, and a zone of mineralized float and outcrop was discovered at the site of a particularly strong multi-element anomaly. A 28 m long hand trench (TR-98-05) exposed weak to moderately mineralized limestone, schist and jasperoid that is strongly weathered, with limonite occurring as disseminations, along fractures and in patches of boxwork. Chip samples from this trench averaged 1.07% lead, 0.22% zinc and 59.5 g/t silver over 8 m (Becker, 1999).

Showing III lies within an area of moderate to strong soil geochemical response and consists of scattered mineralized float boulders. The soil geochemical anomaly covers 350 by 350 m area with sporadic moderate to strong values surrounded by areas of weak to background response. This erratic pattern may be due to glaciation because the area is characterized by small hummocks of glacially scoured outcrop surrounded by gullies filled with glacial till. Two float samples of mineralized jasperoid were found within this showing in 1998. The better of the two boulders returned 0.75% copper, 1.89% lead, 0.70% zinc and 209.1 g/t silver. In 1999 a hand pit dug beneath a strongly anomalous soil sample site unearthed several well mineralized float boulders. Unfortunately a layer of large unmineralized boulders prevented the pit from reaching bedrock. A composite sample from strongly weathered float boulders graded 0.44% copper 2.2% lead, 0.31% zinc and 229 g/t silver (Becker, 2000b). Several other hand pits were dug in the area but they did not locate mineralized float or bedrock.

Showing IV consists of three mineralized float boulders discovered within an area of weak to moderate soil geochemical response. The soil geochemical anomaly is relatively erratic and features weak silver and copper values compared to the other showings. Three samples of mineralized jasperoid were found along the top of a south facing slope, which parallels an east trending recessive linear. All outcrops in the area are unaltered schist. The average grade for the three samples is 0.11% copper, 0.13% lead, 5.14% zinc and 19.9 g/t silver (Becker, 1999).

GEOPHYSICS

In 1979, reconnaissance IP surveys were conducted by Phoenix Geophysics Limited for Regional Resources Ltd on the Eagle claims. Results indicated fracture-style mineralization underlies mineralized float in Area A. Magnetometer and electromagnetic surveys were inconclusive (Verley, 1980).

Phoenix Geophysics performed additional IP, Resistivity, VLF-EM and Total Field Proton Magnetic surveys on the Eagle claims in 1980. Five continuous chargeability anomalies were outlined by the IP data but none were accompanied by apparent resistivity values low enough in magnitude to suggest the presence of large concentrations of metallic sulphides. However, moderate to high magnitude polarization effects together with moderately low resistivity values suggested large amounts of disseminated mineralization are likely present. The only well-defined VLF-EM anomaly appeared to show a contact between schist and a more resistive rock type lying to the north of the grid area (Cartwright and Hallof, 1981).

In 1996, Amerok Geosciences Ltd. conducted Ground Total Magnetic Field and HLEM surveys on the QB property using the 1980 survey grid lines. The HLEM surveys identified four conductors, each less than 400 m in length, following the trend of the soil geochemical

anomalies. Locally elevated magnetic response was scattered over the entire survey area, with no apparent trends. Prospecting in the vicinity of several of these magnetic highs uncovered massive pyrrhotite and/or high grade massive sulphide boulders (Wengzynowski, 1997).

Geotech Ltd. of Ontario conducted helicopter-borne, Versatile Time Domain Electromagnetic (VTEM) and magnetic surveys over the property in 2007. The following description of the geophysical survey is from Wengzynowski (2008).

A total of 206 line kilometres was flown. The VTEM system allows for deep penetration while maintaining high spatial resolution and resistivity discrimination. Principal geophysical sensors included a VTEM system and a high sensitivity cesium magnetometer. Ancillary equipment included a Global Positioning System (GPS) navigational system and a radar altimeter.

Qualitative analysis of VTEM data identified four zones of anomalous EM response (Zone A, B, C and D). Figure 13 shows the final VTEM data compilation from this survey and highlights the four zones.

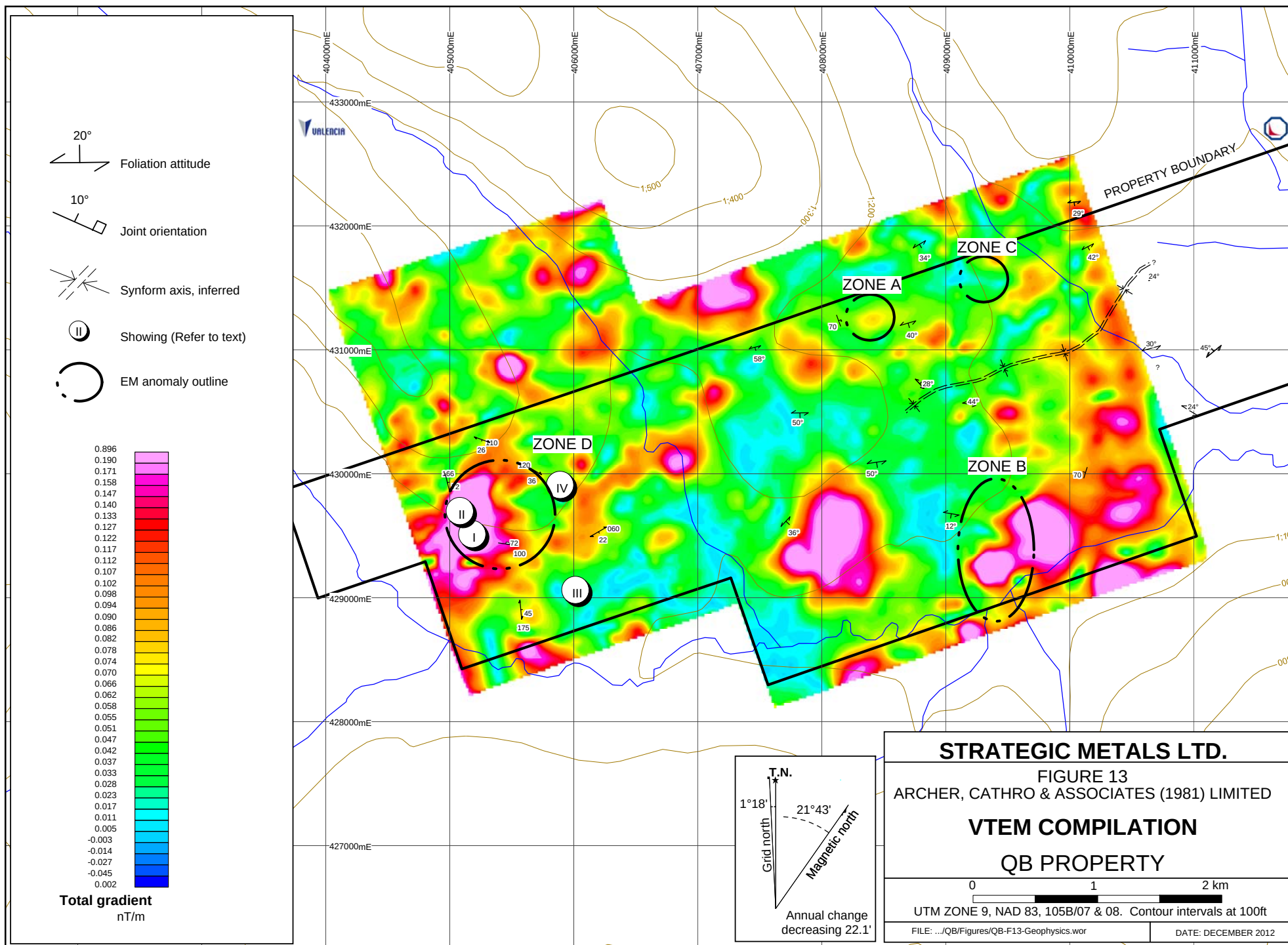
Zone A is situated adjacent to Area A where previous work identified a 500 m wide by 2500 m long soil geochemical anomaly thought to be coincident with a large southwest trending synform. VTEM data shows strong EM signal located at an interpreted depth of 300 m within the northern limb of the synformal stratigraphy.

Zone B is located in the south-central part of the property within Area B. VTEM data indicate the presence of four anomalies within this zone and Conductivity Depth Images (CDI) indicates the top of the strongest anomaly is less than 100 m deep. The depth to the top of the three remaining anomalies are modelled to be 200 m or deeper. This area has received limited work, most of which was done during follow up of the VTEM anomaly in 2007.

Follow up work on Zone B involved prospecting and soil sampling. The area underlain by the EM anomaly is marked by a distinct “kill zone” (an area where strong leaching of heavy metal ions inhibits the growth of vegetation) with abundant gossanous soil and lesser cobbles and pebbles. Soil samples returned generally low values for copper, lead, zinc and silver with peak values of 1.2, 3.11, 59 and 544 ppm, respectively. Rock samples collected from the centre of Zone B comprise gossanous pebbles and cobbles including ferricrete breccia, limonite fragments, and limonitic siderite containing remnant massive fine-grained pyrite. Samples returned values up to 664 ppm copper, 87 ppm lead, 639 ppm zinc and 5.1 g/t silver in various samples.

Two isolated magnetic anomalies located within and adjacent to Zone B were found to be underlain by a thick blanket of glacial till and multiple eskers. One soil sample line located down the long axis of the anomaly yielded low values for copper (12 ppm) and silver (0.4 ppm). Zinc values, however, were elevated to a peak value of 1030 ppm (Wengzynowski, 2008).

Zone C is also located within Area A. This zone is comprised of a single weak anomaly that CDI has shown to be greater than 200 m deep.



Zone D is located within Area C and is coincident with four irregularly shaped geochemical anomalies. These anomalies have been prospected and explored with hand trenches and test pits, which have identified four mineral showings. CDI shows a strong anomaly at approximately 550 m depth and a much weaker anomaly at 200 m depth.

DIAMOND DRILLING

Between 1997 and 2000, nine holes (1116 m) were drilled in the central part of the property (Area A) and two holes (151 m) were completed in the western part of the property (Area C). Drill hole locations are plotted on Figure 12.

The holes in Area A were located along a 500 m section of the soil geochemical anomaly where mineralized boulders were found in glacial till and the HLEM survey had outlined a conductor. Eight holes were drilled in 1997 while another was completed in 2000. The first three holes (QB-97-01, QB-97-02 and QB-97-03) encountered only minor fracture-filling mineralization but provided information about overburden depth and bedrock foliation. Subsequent holes intersected multiple zones of moderate to intense faulting with associated brecciation. These holes also contained massive, semi-massive and fracture-filling mineralization usually in breccia zones within limestone horizons. The best intersection averaged 1.52% lead 3.20% zinc and 25.2 g/g silver over 11.93 m, including 1.75 m grading 8.43% lead, 13.50% zinc and 107.5 g/t silver. The 2000 hole (QB-00-09) was targeted to intersect a steeply dipping mineralized structure about 50 m beneath the best 1997 intersection from QB-97-08. The highest grade intersection in QB-00-09 was 0.61% lead, 0.65% zinc and 14 g/t silver over 1.25 m. A few bands of massive sulphide mineralization were intersected in the 1997 holes, but they were all too narrow to adequately explain the abundant mineralized float observed in the excavator trenches (Wengzynowski, 1998 and Becker, 2000b).

The 2000 holes in Area C (QBW-00-01 and QBW-00-02) were drilled in beneath TR-98-04 which returned 0.13% copper, 4.9% lead, 0.3% zinc and 142 g/t silver over 5.2 m. Prior to drilling, it was believed that the entire length of TR-98-04 represented mineralization that was parallel to foliation in the moderately to steeply southeast dipping rocks. However, the drill holes intersected mineralization from bedrock to about 20 m depth. Foliation angles in the drill core indicated that the entire package has a much shallower dip than believed prior to drilling. The best intercept graded 0.45% copper, 1.70% lead, 2.55% zinc and 1.25 g/t silver over 2.18 m (Becker, 2000b).

In 2012, Strategic Metals collared three drill holes, totalling in 763.52 m, in the southwestern part of the property (Area B). The three holes were designed to test EM anomalies identified by the 1997 VTEM survey (Zone B) and soil geochemistry. The strongest EM anomaly is coincident with a gossanous kill zone, has good spatial association with a magnetic anomaly that indicates the presence of magnetite and/or pyrrhotite, and produced conductivity depth profiles that suggest the conductor is within 100 m of surface.

Diamond drilling was conducted at the QB property from August 18 to 29, 2012 by Beaudoin Diamond Drilling Ltd. of Courtney, British Columbia. The work was conducted using NTW

STRATEGIC METALS LTD.

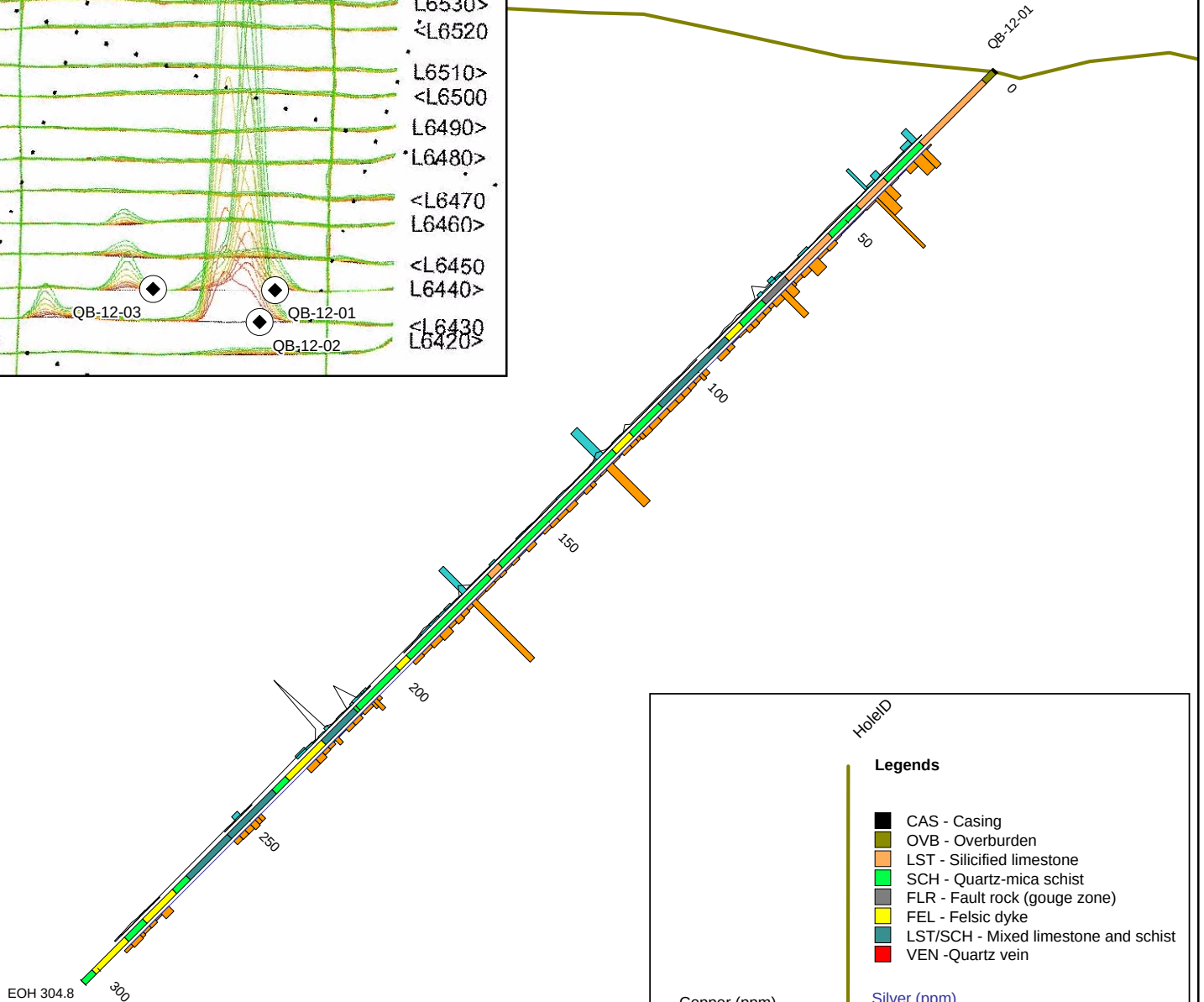
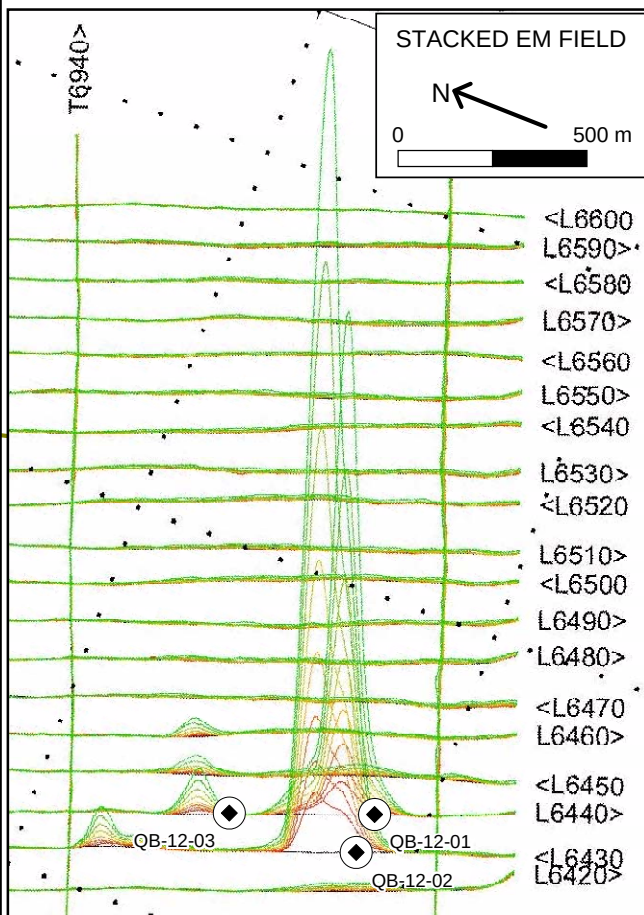
FIGURE 14
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

QB-12-01 (Looking East) QB PROPERTY

0 25 50 m

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DATE: DECEMBER 2012



HoleID

Legends

- CAS - Casing
- OVB - Overburden
- LST - Silicified limestone
- SCH - Quartz-mica schist
- FLR - Fault rock (gouge zone)
- FEL - Felsic dyke
- LST/SCH - Mixed limestone and schist
- VEN - Quartz vein

Copper (ppm)
Linegraph
1.0 mm/ppm

Lead (ppm)
Histogram
1.0 mm/ppm
(clipped at 10000 ppm)

Silver (ppm)
Linegraph
1.0 mm/ppm

Zinc (ppm)
Histogram
1.0 mm/ppm
(clipped at 10000 ppm)

EOH

mm given at scale of 1:15

STRATEGIC METALS LTD.

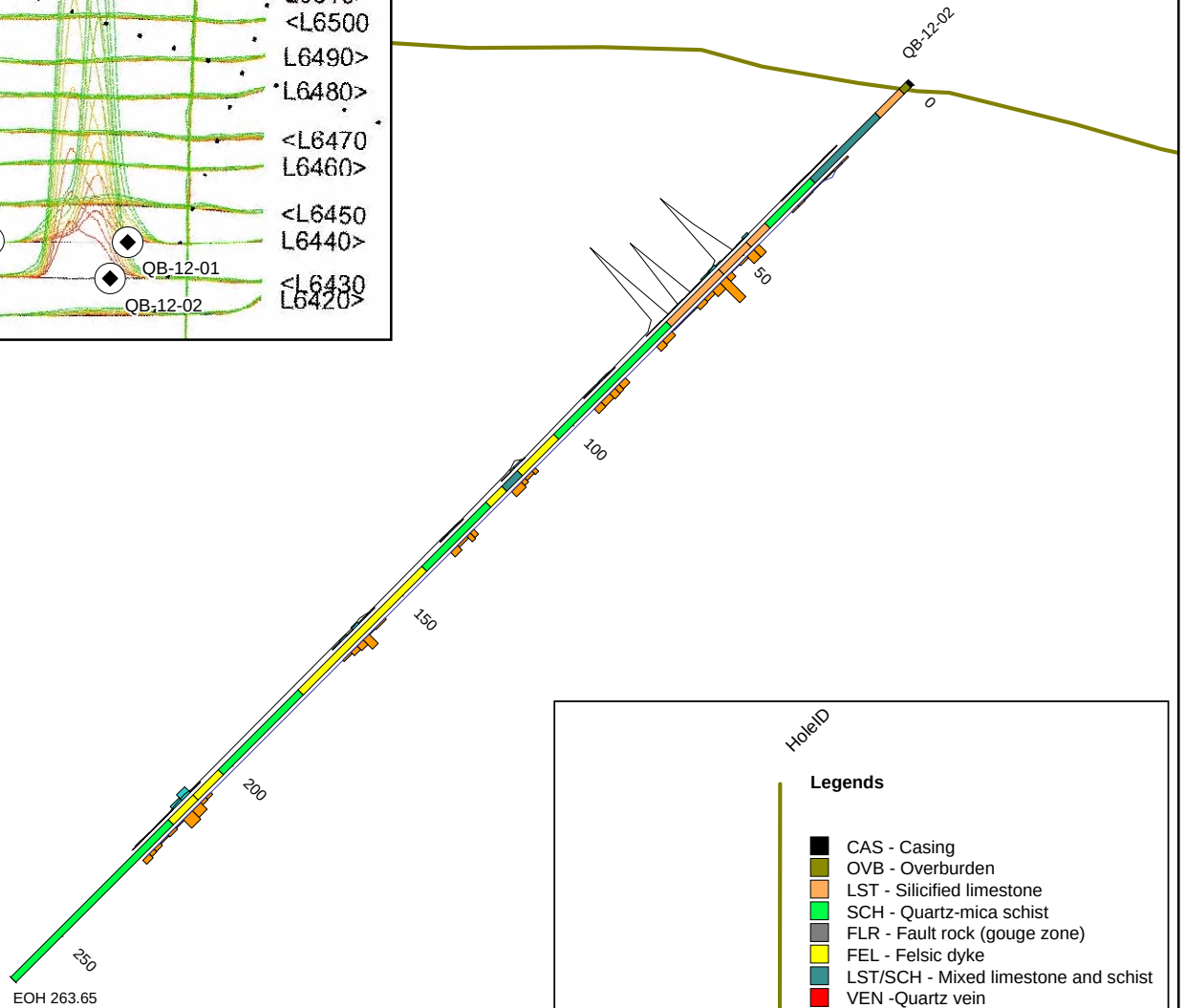
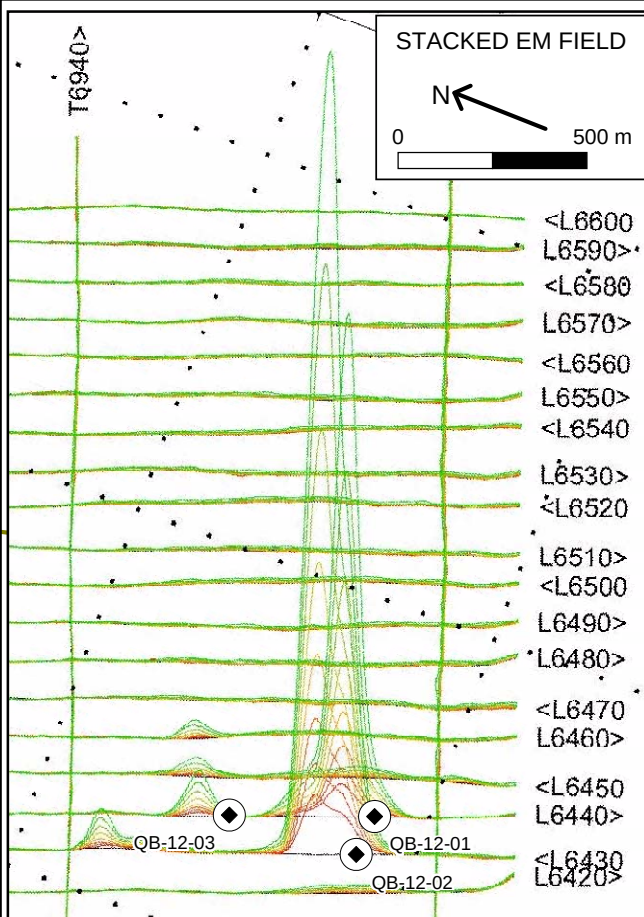
FIGURE 15
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

QB-12-02 (Looking East) QB PROPERTY

0 25 50 m

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DATE: DECEMBER 2012



HoleID

Legends

- CAS - Casing
- OVB - Overburden
- LST - Silicified limestone
- SCH - Quartz-mica schist
- FLR - Fault rock (gouge zone)
- FEL - Felsic dyke
- LST/SCH - Mixed limestone and schist
- VEN - Quartz vein

Copper (ppm)
Linegraph
1.0 mm/ppm

Lead (ppm)
Histogram
1.0 mm/ppm
(clipped at 10000 ppm)

Silver (ppm)
Linegraph
1.0 mm/ppm

Zinc (ppm)
Histogram
1.0 mm/ppm
(clipped at 10000 ppm)

EOH

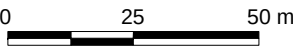
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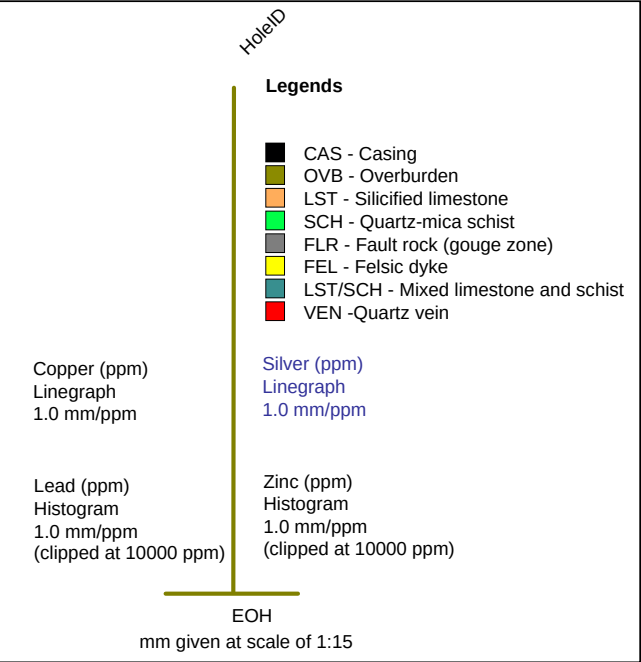
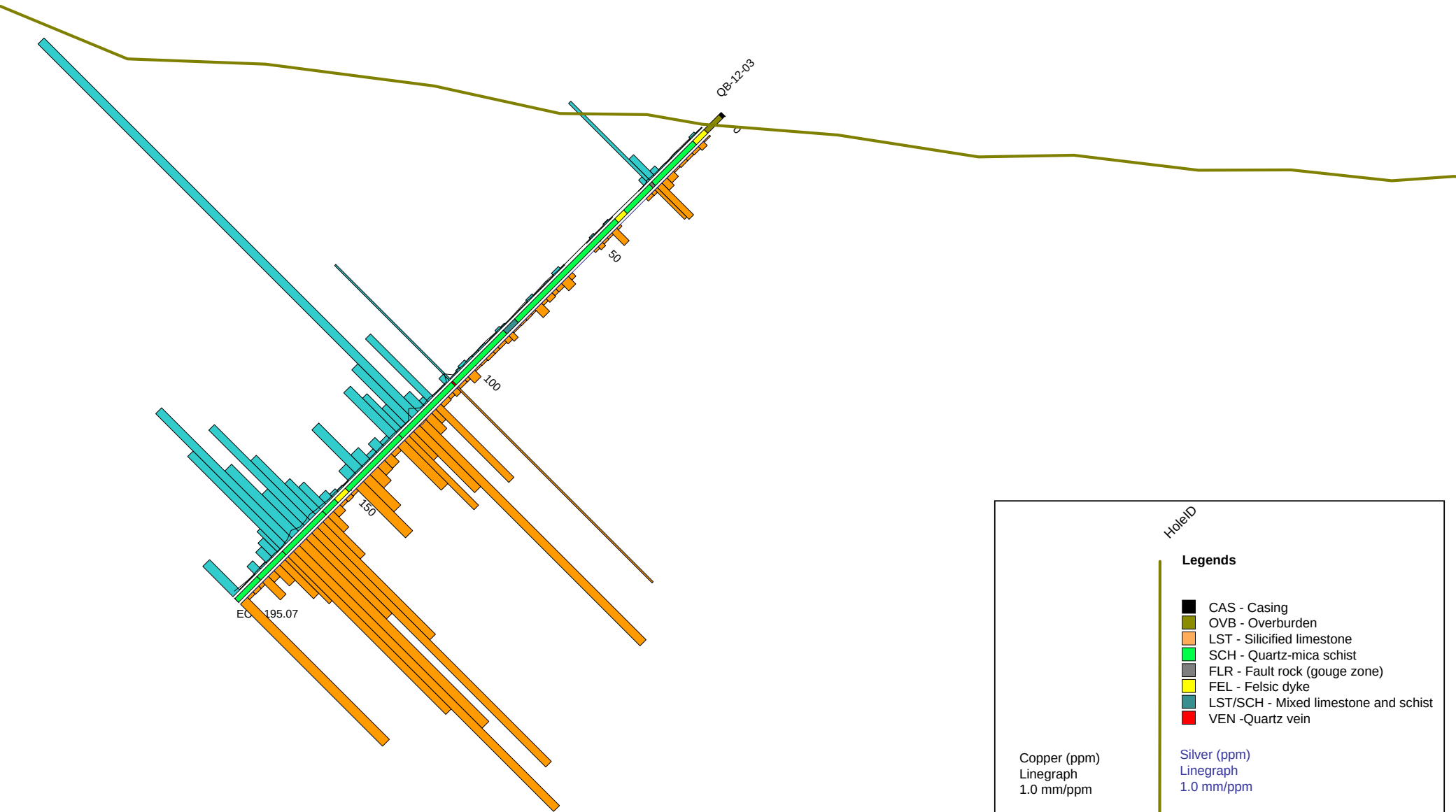
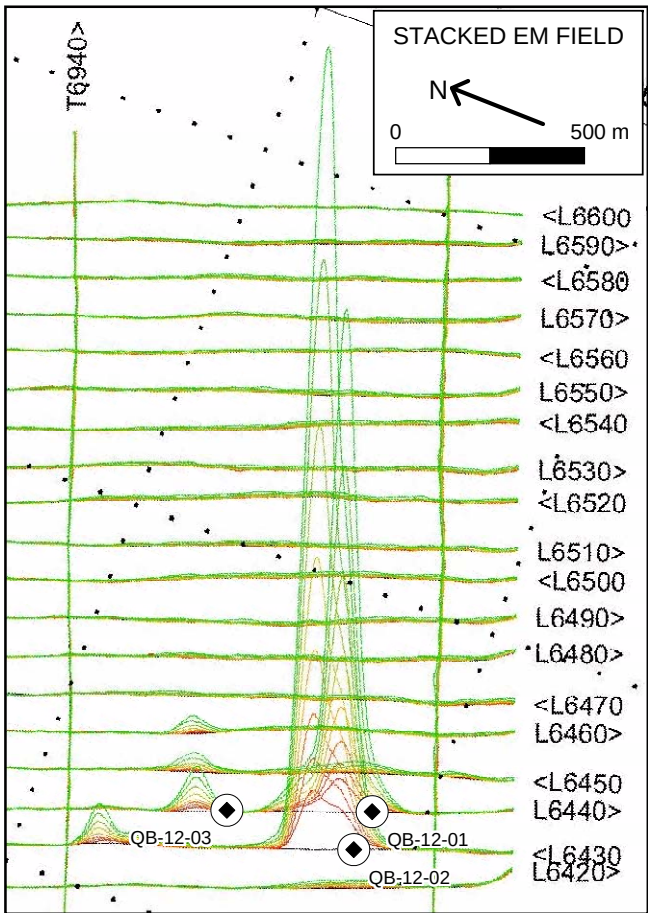
FIGURE 16
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

QB-12-03
(Looking East)

QB PROPERTY



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equipment outfitted on a heli-portable JKS-300 drill. The drill was set up on 6" by 6" timbers that were covered by 2" by 8" planks on 16' by 16' hand leveled sites.

The drill core was flown from the property by helicopter to the Rancheria Motel for temporary storage. From there, it was transported by truck to the Archer Cathro compound in Whitehorse, where it was logged for geotechnical and geological data. Sampling was done selectively from all three holes using a diamond saw, with one-half of the core bagged and sent for analysis and the other half returned to the core box. The core was then sent to the Yukon Geological Survey core library facility in Whitehorse for storage.

Samples were stored in a secured area of the Archer Cathro compound until they were taken to a preparation laboratory operated by ALS Minerals in Whitehorse. Here, samples were dried and finely crushed to 70% minus 2 mm, before a 250 g split was taken and pulverized to better than 85% minus 75 microns. Pulps from the preparation lab were shipped by ALS Minerals to its analytical laboratory in North Vancouver, where they were analyzed for gold by fire assay, followed by inductively coupled plasma-atomic emission spectroscopy analysis (Au-ICP21) and for 51 elements using an aqua regia digestion followed by inductively coupled plasma combined with mass spectroscopy and atomic emission spectroscopy (ME-MS41).

Analyses were done in 36 sample batches with each batch including two blanks samples, two standard samples and two duplicate samples. All blank, standard and duplicate samples returned results that were acceptable under QA/QC protocols.

Diamond Drill Logs are provided in Appendix II while Certificates of Analysis are presented in Appendix III. Key diamond drill hole information is presented on Table III. Cross sections showing the 2012 drill holes are illustrated on Figures 14 to 16.

Table III – 2012 Diamond Drill Hole Data

Hole	Easting	Northing	Elev. (m)	Azimuth	Dip	Depth (m)	Size
QB-12-01	419440	6698142	997	340	-45	304.80	HQ
QB-12-02	419340	6698145	1008	340	-45	263.65	HQ
QB-12-03	419320	6698500	1036	340	-45	195.07	HQ

The dominant lithological units noted throughout the drill program were: quartz-mica schist (SCH), which is composed of varying amount of quartz, muscovite, chlorite and biotite; and silicified limestone (LST). Other lithologies intersected include: felsic dyke (FEL) and grey quartz vein (VEN). The felsic dykes are porphyritic in texture and are comprised dominantly of quartz and feldspar phenocrysts. They generally cut the host rock at low to moderate angles (<50° to core axis). The drill core is often weakly fractured along foliation planes in the schist. Localized zones with increased muscovite content are often strongly foliated (between 45 to 70°) and fissile. Contacts between units are generally sharp to weakly gradational and oriented at approximately 60°.

The dominant alteration mineral in schist is chlorite, which often gives the rock a green colouring, especially in quartz-muscovite±biotite schists. The limestone unit is generally hard

and moderately to strongly silicified. Clay alteration of often seen at contacts or within brecciated and faulted zones.

Sub-economic values for copper lead, zinc and silver were returned from all samples. Mineralization is most abundant in quartz veining, at contact zones of felsic dykes, or in more biotite-rich schist, where it occurs as disseminated to semi-massive sphalerite, galena and pyrite. The best mineralization was intersected by QB-12-03, which included an interval that graded 166 ppm copper, 1.655% lead, 5900 ppm zinc and 30.1 ppm silver over 2.43 m. This hole ended in a weakly mineralized intercept, suggesting that mineralization continues down hole.

DISCUSSION AND CONCLUSIONS

The QB property covers lead-zinc-silver showings and soil geochemical anomalies that are associated with carbonate bearing units of Cassiar Platform. Historical work has identified pyrite-pyrrhotite±sphalerite±galena in carbonate replacement-type mineralization hosted in jasperoid altered horizons and cross-cutting structures.

The 2012 drilling program was designed to explore beneath highly prospective EM anomalies that were outline in 2007. All three 2012 drill holes returned sub-economic values for the metals of interest. QB-12-03, which intersected the best mineralization, tested a secondary EM peak.

The QB property is located within a district of lead-zinc-silver deposits and shows characteristic carbonate replacement-style alteration. Although most mineralization intersected to date on the property is too narrow or too low grade to be of direct economic interest, the size of the soil geochemical anomalies, positively geophysical response and presence of abundant well mineralized float boulders are all promising features.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



C.J. Chung, B.Sc. Geology, GIT

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APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Crystal J Chung, geologist, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address in Burnaby, British Columbia do hereby certify that:

1. I graduated from the University of British Columbia in 2005 with a B.Sc. majoring in Earth and Ocean Sciences (Geology).
2. From 2004 to present, I have been actively engaged in mineral exploration in British Columbia, Alaska and the Yukon Territory.
3. I am a Geoscientist in Training (GIT) with the Association of Professional Engineers and Geoscientists of British Columbia (Member Number 138321).
4. I have personally participated in the field work reported herein and have interpreted all data resulting from this work.



C.J. Chung, B.Sc. Geology, GIT

APPENDIX II
DIAMOND DRILL LOGS

QB

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		419440	6698142	997	304.8

ZONE: _____

SECTION: _____

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	340	-45	compass				

TARGET: _____

SUMMARY				
From (m)	To (m)	Interval	Unit	Comments
0.00	0.59	0.59	CAS	
0.59	3.76	3.17	OVb	
3.76	24.62	20.86	LST	
24.62	36.67	12.05	SCH	
36.67	45.73	9.06	LST	
45.73	55.16	9.43	SCH	
55.16	69.62	14.46	LST	
69.62	77.39	7.77	FLR	
77.39	84.89	7.50	SCH	
84.89	89.67	4.78	FEL	
89.67	111.98	22.31		Mixed limestone and schist
111.98	121.65	9.67	SCH	
121.65	127.37	5.72	FEL	
127.37	165.45	38.08	SCH	
165.45	169.09	3.64	LST	
169.03	196.14	27.11	SCH	
196.14	199.78	3.64	FEL	
199.78	213.02	13.24	SCH	
213.02	213.81	0.79	SCH	Schist cross-cut by quartz vein
213.81	224.52	10.71		Mixed limestone and schist
224.52	236.62	12.10	FEL	
236.62	241.03	4.41	SCH	
241.03	256.00	14.97		Mixed limestone and schist
256.00	269.75	13.75		Mixed limestone and schist
269.75	274.35	4.60	SCH	
274.35	284.28	9.93	FEL	
284.28	290.37	6.09	SCH	
290.37	301.24	10.87	FEL	
301.24	304.8	3.56	SCH	

HOLE: QB-12-01

CLAIM: YB83144

Contractor: Beaudoin Diamond Drilling

Drill: _____

Core size: HQ

Casing depth: 0.59 (m) in / out

Drilling dates: August 19 - 23, 2012

Geology logged by: C. Chung

SAMPLES
Numbers: G285465 - G285500, K191901 - K191989
Total: 104
Batch: 1, 2, 3, 4 (17 only)
Date Sent: _____
Certificate: WH12223910, WH12223915, WH12223916
WH12225404, WH12232129

COMMENTS

Geology Log

Hole: QB-12-01

Logger Name: C. Chung

Date: September 07 2012

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type	Conc. (%)		
0.00	0.59	0.59	0.00	0.59	0.59		CAS	--	--	--	--	--	--			--	--				Casing; no recovery.
0.59	3.76	3.17	0.59	3.76	3.17		OVB	--	MD	BN	--	4I	3I			--	--				Overburden; Mixed interval of cobbles and coarse sand and grit. Cobbles comprised of medium-dark grey, fine-coarse grained granitoid (dyke fragments?) and tan-grey fine grained silicified limestone. Lower contact at ~55° to core axis. No significant sulphides noted.
									MD	GY	--										
3.76	24.62	20.86					LST	FG	LT	GY	MA	2I	3I								Silicified (Jasperoid?) Limestone; Light-medium grey, very fine-fine grained limestone. Weakly-moderately silicified matrix. Weak, pervasive weathering, giving matrix a slight tan colouring, mostly noted along fractures, decreasing downhole.
									LT	TN											Low-moderate veining density (up to 15/m), generally comprised calcite and minor ankerite? (<0.4cm wide), often with bleached envelopes (<0.5cm on either side). Dominant orientation at ~30-50° to core axis.
																		Li	0.10		No significant sulphide mineralization. Trace-weak amounts of limonite seen on fracture surfaces.
																					Fairly competent core rock with minor fracturing, at ~45-55° to core axis (<8/m). Surfaces are dominantly planar and often coated with a fine layer of clay (kaolinite?). Rock is weak along veining structures. Lower contact zone is mixed and brecciated over 1.5m.
			3.60	4.05	0.45																-Similar to general description.
			4.05	4.09	0.04		CBR	FG	LT	TN	BX	3I									-Brecciate weak-moderately oxidized carbonate (calcite?) vein at ~40° to core axis, ~2.5cm wide. Dark grey matrix (clast hosted).
			4.09	6.21	2.12							2I									-Similar to general description with decreased oxidation.
			6.21	6.56	0.35		LST	FG	LT	GY	FR		2I								-Similar to general description with increased fracturing infilled with dark brown mineral, horse-tailing from grey calcite veinlet at ~25° to core axis.
			6.56	10.82	4.26																-Similar to general description.
			10.82	11.00	0.18		SCH		MD	GY	SH										-Strongly foliated/sheared band (~2cm wide) bounded by white calcite veinlets uphole and granular gouge zone (~2.5cm) with calcite and biotite veinlet downhole. Oriented at ~50° to core axis.
			11.00	12.02	1.02																-Similar to general description.
			12.02	13.46	1.44				LT	TN		3I						Li	0.20		-Similar to general description with slightly increased oxidation. Increased irregular fracturing, surfaces coated with limonite and possible manganese oxide(?).
			13.46	17.63	4.17																-Similar to general description.
			17.63	18.36	0.73		LST	FG	DK	GY	FO	1I									-Interval of decreased silicification, strongly calcareous. Medium-dark grey mixed limestone and micaceous schist. Minor zones of light grey granular gouge. Foliation at ~30° to core axis. Brecciated calcareous veinlets noted. No significant sulphide mineralization noted.
							SCH		LT	GY				CLY	4I			Mu	25.00		
																		Bi	5.00		
			18.36	23.08	4.72															X	-Similar to general description.
			23.08	24.62	1.54				MD	GY	BX	1I									-Contact zone(?). Mixed/brecciated interval with drop in silicification. Possible shearing(?) at ~50° to core axis. Trace gouge zones.
24.62	36.67	12.05					SCH	--	DK	GY	FO			CHL	3I			Mu	35.00		Quartz-muscovite-biotite Schist; Moderate-strongly foliated schist, medium -dark green-grey, fine-medium grained.
									LT	GN								Bi	15.00		Muscovite dominant in matrix with books of biotite (<0.3cm across) often replaced by chlorite scattered throughout. Weakly calcareous matrix.
																					Low-moderate veining density, dominantly narrow, irregular calcite veinlets (<0.5cm), Generally oriented at ~20-35° to core axis.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other				
														Type	Intensity			Type	Conc. (%)			
																	0.50	Cp	0.10		Trace amounts of pyrite noted throughout interval, occurring as blebs and narrow veinlets (<0.2cm) at low angles (<30°) to core axis. Possible rare chalcopyrite.	
																					Competent but soft core rock, fracturing mostly at ~50° to core axis, similar to foliation planes.	
			24.62	27.74	3.12		SCH	--	DK	GY	FO				CLY	2I	--	--				"Contact zone". Interval of mixed/weakly brecciated schist and limestone and minor bands of clay (<4cm, ~1%). Foliation at ~60° to core axis. Irregular, blebby white calcite veinlets common, generally along foliation planes. No significant sulphides.
							LST	FG	LT	GY	BX											
			27.74	28.86	1.12		LST	FG	LT	GY	MA		2I	CHL	1I							-Interval of light grey, fine grained silicified limestone. No significant sulphides.
			28.86	33.02	4.16															x		-Similar to general description.
			33.02	33.24	0.22		LST	FG	LT	GY	MA		2I				--	--				-Interval of silicified limestone bounded by weakly brecciated calcite veinlets (<1cm) at ~45° to core axis.
			33.24	36.67	3.43																	-Similar to general description.
36.67	45.73	9.06					LST	FG	LT	GY	MA		3I	CHL	1I	--	--					Silicified (Jasperoid?) Limestone; Similar to 3.76+-24.62m with little to no oxidation. Fine grained, light grey, silicified limestone with localized sections of brecciation (~5%), generally occurring near upper contact.
											BX											Moderate veining density, dominantly white calcite veinlets, some with dark grey envelopes,. Generally oriented at ~55° to core axis.
																						No significant sulphides noted.
																						Moderate fracturing density, mostly at ~65° to core axis with planar surface with thin clay coating.
			36.67	37.08	0.41						BX											-Similar to general description with slightly more brecciation/mixing. "Contact zone"
			37.08	37.14	0.06		SCH	--	MD	BN	FO		0I									-Small band of quartz-muscovite-biotite schist. Foliation at ~60° to core axis. Distinct upper and lower contacts along foliation planes.
			37.14	38.18	1.04																	-Similar to general description.
			38.18	38.52	0.34		SCH	--	MD	GN	FO		0I	CHL	3I	--	--					-Interval of chlorite altered muscovite-biotite schist. Foliation at ~50° to core axis. Distinct upper and lower contacts at ~40° to core axis. No significant sulphides.
			38.52	40.95	2.43																	-Similar to general description.
			40.95	41.71	0.76		SCH	MG	MD	GN				CHL	2I		0.20					-Mixed interval of porphyritic calcareous unit, likely to e the schist unit. Fractured and blocky core rock. Rare-trace pyrite.
			41.71	44.82	3.11																	-Similar to general description.
																						-Interbedded fine-medium grained limestone and narrow bands of biotite schist (<3cm wide) with clear contacts. Foliation at ~50-55° to core axis. Decreased silicification, unit is moderate-strongly calcareous. No significant sulphides noted.
			44.82	45.73	0.91		LST	FG	LT	GY												
							SCH	MG	DK	GY	FO											
45.73	55.16	9.43					SCH	MG	MD	GY	PO		1I	CHL	3I			Mu	35.00			Muscovite-Biotite Schist; Moderate-strongly foliated, banded, medium green-grey and medium brown schist. Biotite forms bands (up to 3cm wide) as well as clots (up to 1cm across) and decreases content moving downhole.
																		Bi	15.00			Weak-moderate chlorite altered matrix with trace pervasive silicification.
																						Little to no veining, mostly narrow irregular calcite veinlets (<0.2cm).
																	0.20					Trace pyrite, generally forming blebs or blebby discontinuous veinlets.
																						Competent core rock with moderate fracturing, dominantly along foliation planes at ~70° to core axis. Breakage mostly along mica cleavage planes, coated with trace clay.
			45.73	49.22	3.49						BN							Bi	25.00	X		-Similar to general description with more noticeable biotite rich bands and "books" scattered throughout the matrix.
			49.22	50.30	1.08																	-Similar to general description.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type	Conc. (%)		
			50.30	51.12	0.82		SCH	FG						CHL	1I			Bi	5.00	-Interval of fine-medium grained schist. Decreased in foliation intensity and biotite content. Calcareous matrix. No significant sulphides noted.	
			51.12	55.16	4.04											1.00				-Similar to general description with increased fracturing and pyrite content, occurring as small blebby veinlets along foliation planes.	
55.16	69.62	14.46					LST	MG	LT	GY	--		4I	CHL	2I					Silicified (Jasperoid?) Limestone; Light green-grey and tan, fine-medium grained limestone. Pervasive moderate silicification with localized zones of decreased silica content. Minor zones of brecciation/mixing noted, increasing downhole. Moderate veining density, generally narrow irregular calcite veinlets (<0.2cm), Wider structures (>0.5cm) often have brecciated textures.	
																0.30				Trace sulphides noted, mainly pyrite, often occurring as blebs in localized gouge/clay zones. Fairly competent core rock with minor fracturing, increasing in foliation/laminations moving downhole (increased fracturing along planes). Preferred orientation at ~45-55° to core axis becoming ~70° downhole at lower contact. Localized clay altered zones present (~3% of interval) - possible fault zones(?), generally at ~70° to core axis.	
			55.16	56.86	1.70															-Similar to general description.	
			56.86	57.29	0.43		LST		LT	TN	FO			CHL	3I					-Possible minor fault zone(?). Increased chlorite and clay alteration. Structures at ~75° to core axis. No significant sulphides noted.	
														CLY	2I						
			57.29	61.75	4.46															-Similar to general description.	
			61.75	62.34	0.59		LST		MD	BY	BX			CLY	3I	0.50				-Interval with increased clay content and brecciation. Fine disseminated sulphides (pyrite?) noted with rare blebs (<0.4cm), No measurable orientation seen.	
			62.34	64.61	2.27															-Similar to general description.	
			64.61	65.32	0.71		LST	FG	--	WH	BN		1I	CHL	2I					-Interval of interbedded quartz-muscovite schist and "banded" white limestone. Foliation planes at ~70° to core axis. Increased clay content - possible fault zone(?), Fine disseminated pyrite seen in schist zones. Decrease silicification in limestone units.	
							SCH	FG	DK	GY				CLY	2I	1.00					
			65.32	66.57	1.25				LT	TN										-Similar to general description with light tan colouring - oxidation or sericite(?).	
			66.57	67.83	1.26		LST		--	WH	BN		0I			0.20				-"Banded" limestone interval with decreased silicification. Pale-light green bands at ~65° to core axis (chloritized micas?). Trace sulphides along bands.	
			67.83	68.15	0.32		SCH	FG	DK	GY			0I			0.50				-Dark green-grey calcareous band with distinct contacts at ~70° to core axis. Crosscut by pyrite bearing calcite veinlets (<1cm).	
			68.15	69.62	1.47				MD	GY				CHL	4I				X	-"Contact zone". Mixed interval of medium grey limestone with grey-green bands (<1.5cm wide). No significant sulphides.	
69.62	77.39	7.77					FLR	--	DK	GY	BX			CLY	4I					Fault Zone hosted in Limestone and Schist; Medium green-grey, laminated unit. Dominantly limestone and becoming more schist rich moving downhole. Moderately chlorite altered matrix with localized zones of clay (brecciated zones).	
														CHL	2I						
																1.00		Po	0.20	Discontinuous white calcite veinlets (<0.5cm) common, along foliation at ~35° to core axis. Localized patches and zones of sulphide mineralization, often as irregular and discontinuous veins and veinlets (<0.7cm). High fracturing density, generally along foliation planes and localized gouge. Core rock becomes more competent moving downhole.	
			69.62	70.43	0.81		LST		LT	GY										-Similar to general description. Competent core rock with irregular calcite veinlets (<0.5cm).	
			70.43	70.54	0.11		SCH		DK	GN	PO			CHL	4I					-Band of chlorite altered muscovite-biotite schist. Contacts at ~65° and ~55° to core axis.	

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type	Conc. (%)		
			70.54	71.72	1.18		LST		MD	GY				CHL	3I	1.50		Cp	0.20		-Similar to general description with increased chlorite banding. One band (~2.5cm) of sulphides noted, pyrite dominant with possible chalcopyrite(?).
			71.72	73.28	1.56		FLR		MD	GY	BX			CLY	4I						-"Fault zone"(?). Strongly brecciated and clay altered zone at ~55° to core axis. No significant sulphides.
			73.28	76.13	2.85		SCH		MD	GN	FO			CLY	2I						-Similar to general description. Chlorite altered muscovite schist. Foliation at ~40° to core axis.
			76.13	76.27	0.14		VEN		--	BR	VU					40.00		Po	15.00		-Sulphide vein at ~35° to core axis. Vuggy and pitted. Dominantly pyrite with pyrrhotite. Possible rare sphalerite(?).
			76.27	77.39	1.12											2.00				X	-Similar to general description with slight increase in pyrite veinlets.
77.39	84.89	7.50					SCH		MD	BN	FO			CHL	2I			Bi	15.00		Quartz-Muscovite-Biotite Schist; Banded medium brown and green schist.
									MD	GN											Weak-moderately chlorite altered, decreasing downhole. Weakly calcareous.
																					Moderate veining density, white calcite veinlets (<1cm) along foliation at ~45° to core axis.
																					No significant sulphides noted.
																					Competent but soft core rock, easily fractures along foliation planes. Higher fracture density moving downhole.
			77.39	79.31	1.92				MD	GN				CHL	3I						-Similar to general description with more intense chlorite alteration (green matrix).
			79.31	81.61	2.30															X	-Similar to general description.
			81.61	84.89	3.28									CLY	2I			Bi	30.00	X	-Similar to general description but much more fissile (increased fracturing) with zones of rubble. Trace pyrite noted in one gougey section. At 83.30m - crenulations.
84.89	89.67	4.78					FEL	MG	LT	GY	PO			CHL	2I						Felsic Dyke(?); Felsic granitoid unit, possible dyke. Quartz and feldspar phenocrysts noted (<0.3cm). Increasing chlorite alteration moving downhole. Minor amounts of fracturing along weak foliation planes at ~50° to core axis. White quartz veinlets (<1cm) common.
																1.50					Sulphides occurring along vein structures, dominantly pyrite with trace pyrrhotite. Disseminated or irregular clots.
			84.89	86.33	1.44															X	-Similar to general description.
			86.33	86.58	0.25		SCH		DK	GY						--	--				-Small band of muscovite schist at ~60° to core axis. No change in sulphide content.
			86.58	89.67	3.09				MD	GN						2.00					-Similar to general description with increased chlorite alteration and quartz veining. Minor increase in sulphides.
89.67	111.98	22.31					LST	FG	DK	GY	BN	2I		CHL	1I	--	--				Limestone with Quartz-Mica Schist Interbeds; Dark brown-grey, fine grained limestone with small interbeds/fragments(?) of quartz-muscovite-biotite schist, some with planar and some with irregular contacts (~15% of interval). Matrix is weak=moderately silicified and weakly chlorite altered.
									MD	BN											irregular and discontinuous calcite veinlets and common, generally cross-cutting laminations(?). No significant sulphides noted.
							SCH		WH	PO											
			89.67	90.40	0.73																-Similar to general description.
			90.40	91.42	1.02		SCH		DK	BN	FO										-Interval of biotite-rich schist. Foliation at ~65° to core axis.
			91.42	100.65	9.23																-Similar to general description.
			100.65	102.42	1.77		SCH		DK	GY				3I			0.50				Silicified quartz-muscovite schist with altered weathered feldspar phenocrysts (<0.2cm). Weak foliation at ~50° to core axis. Narrow sulphides veinlets present at contact zones dominantly pyrite. Contact zones may be small felsic dyke units(?).
			102.42	104.33	1.91																Similar to general description.
			104.33	106.56	2.23																-Similar to general description with increased chlorite and clay due to three quartz veins within interval at 104.33-104.44m, 104.85-105.03m, and 105.32-106.56m. General orientation at ~55° to core axis. Trace sulphides associated with quartz veins, dominantly pyrite, blebby in veins and disseminated in matrix.
			106.56	106.98	0.42									CHL	3I		0.70				-Similar to general description.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY					ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type			Conc. (%)
			106.98	107.21	0.23		FEL		LT	GY	PO										-Felsic dyke(?) - quartz-feldspar matrix. Sharp contacts at ~35° to core axis.
			107.21	108.28	1.07																-Similar to general description.
			108.28	108.52	0.24		SCH		MD	GY				CLY	4I	0.20					-Gougey clay zone - appears to be strongly clay altered muscovite schist. Contacts at ~65° to core axis. Trace disseminated pyrite noted in veinlets.
			108.52	111.31	2.79													Bi	15.00		-Similar to general description with increasing schistosity. Foliation at ~60° to core axis. Increased biotite content.
			111.31	111.98	0.67		FEL		LT	GY	PO					0.20					-Felsic dyke(?) - quartz-feldspar porphyry. Feldspars altered to tan-brown colouring. Contacts at ~65° to core axis. Pyrite veinlet noted (<0.1cm).
111.98	121.65	9.67					SCH		MD	GY	FO		2I	CHL	1I						Quartz-Muscovite-Biotite Schist; moderate-strongly foliated quartz-mica schist with weak chlorite alteration. Biotite "books" (<0.5cm) throughout matrix. Low veining density, generally white calcite veinlets cross cutting foliation at ~20° to core axis and occasionally truncated by minor gougey zones. Few along foliation.
									DK	GY	PO					0.20					Pyrite blebs noted in calcite veinlets.
																					Competent core rock with minor fracturing, generally along foliation at ~65° to core axis.
			111.98	120.58	8.60															X	-Similar to general description.
			120.58	121.65	1.07		LST		--	WH	BN					1.00					-Banded black and white limestone. Bands at ~55° to core axis. Slight increase in pyrite blebs.
									DK	GY											
121.65	127.37	5.72					FEL	MG	LT	GY	PO		2I	CHL	1I						Felsic Dyke(?); Similar to 84.89-89.67m. Weakly foliated grey and green porphyritic quartz and feldspar unit. Biotite "books" (<0.3cm) common and some altered to light tan-brown colouring.
																					Moderate veining density, generally grey quartz-carbonate veins (up to 1cm). Preferred orientation at ~55° to core axis.
																1.00					Sulphides seen as blebs and narrow and discontinuous veinlets (<0.3cm).
			121.65	123.56	1.91															X	-Similar to general description.
			123.56	123.65	0.09		SCH		DK	GY	FO			CHL	3I	2.00					-Strongly foliated, calcareous schist. Foliation at ~60° to core axis.
			123.65	125.31	1.66																-Similar to general description.
			125.31	125.91	0.60		SCH		DK	GY	FO										-Band of muscovite schist. Foliation at ~45° to core axis. Grey quartz vein at 125.59-125.65m.
			125.91	127.37	1.46																-Similar to general description.
127.37	165.45	38.08					SCH	FG	MD	GY	FO			CHL	1I						Quartz-Muscovite Schist; Medium-dark grey, fine grained, weakly calcareous and chlorite altered muscovite-rich schist.
																					Low-moderate veining density, generally white calcite veinlets (<0.5cm) at low angles (<30°) to core axis, cross cutting foliation.
																0.50					Trace-moderate fine grained pyrite, scattered throughout the matrix and along veinlets (<0.2cm).
																					Fairly competent core rock with fractures generally along foliation at ~50° to core axis with increased fissility with increased biotite content. Crenulations common.
			127.37	127.68	0.31																-Similar to general description.
			127.68	127.95	0.27								2I			0.70					-Quartz vein with chlorite altered envelope zone. Vein at ~50° to core axis at 127.86-127.95m. Pyrite blebs noted.
			127.95	131.66	3.71		SCH	FG								1.00					-Similar to general description with less defined foliation and increased sulphide content, occurring in localized bands.
			131.66	133.63	1.97		FEL		LT	GY				CHL	1I						-Felsic dyke - similar to 121.65-127.37m. Weakly foliated quartz-feldspar porphyritic unit. Weakly gradational contacts at ~40° to core axis. Grey quartz veins present. Fine disseminated pyrite noted throughout matrix. Weak foliation at ~45° to core axis.
			133.63	135.73	2.10															X	-Similar to general with increased muscovite content. Strongly foliated at ~50° to core axis. No significant change in sulphide content.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type	Conc. (%)		
			135.73	139.18	3.45				MD	BN								Bi	30.00	-Similar to general description with increased biotite content. Core rock is weak and fissile - blocky/rubbly core. Fractures along foliation at ~40° to core axis.	
			139.18	140.40	1.22															-Similar to general description.	
			140.40	142.08	1.68		FEL		LT	GN				CHL	3I					-Two felsic dykes and/or quartz veins at 140.40-140.78m and 141.0-142.08m with associated envelopes. Contacts at ~30° to core axis. Muscovite schist host.	
			142.08	148.10	6.02															-Similar to general description.	
			148.10	148.37	0.27		VN		LT	GY				CHL	2I					-Grey quartz vein with weakly gradational contact zones. Oriented at ~50° to core axis.	
			148.37	152.80	4.43															-Similar to general description.	
			152.80	155.71	2.91		FEL	MG	LT	GY	PO			CHL	2I	1.00				-Quartz-feldspar porphyritic unit, weakly foliated at ~50° to core axis, generally stronger near contacts. Fairly sharp contacts at ~40° to core axis. Sulphides noted throughout, occurring as discontinuous veinlets (<0.4cm) and disseminated blebs. Grey quartz vein at 153.58-153.90m at ~20° to core axis.	
			155.71	156.68	0.97				MD	GN											
			156.68	161.05	4.37		FEL	MG	LT	GY	PO			CHL	3I	0.30				-Similar to general description.	
			161.05	165.19	4.14				MD	GN										-Similar to 152.80-155.71m - quartz-feldspar porphyritic unit. Weakly foliated at ~50° to core axis. Weakly gradational contacts at ~60° to core axis. Trace pyrite.	
			165.19	165.45	0.26				MD	BN								Bi	40.00	-Similar to general description with varying foliation intensity at ~45° to core axis.	
																				-"Contact zone". Biotite flooded zone with calcite blebs. Strongly foliated at ~50° to core axis.	
165.45	169.09	3.64					LST	MG	LT	GY			1I			0.20				Limestone; White-tan, fine-medium grained limestone. Weakly silicified with localized tan-pink patches (jasperoid?). Contacts at ~50° to core axis.	
									--	WH										Trace disseminated pyrite blebs scattered tin the matrix.	
																				Competent core rock with minor fracturing at ~75° to core axis. Weakly foliated at ~55° to core axis.	
			165.45	167.85	2.40															-Similar to general description.	
			167.85	168.22	0.37		SCH		MD	GN	FO									-Band of micaceous schist. Sharp contacts at ~40° to core axis.	
			168.22	168.92	0.70															-Similar to general description.	
			168.92	169.09	0.17													Bi	40.00	-"Contact zone". Increased biotite content.	
169.09	194.14	25.05					SCH	FG	MD	GY				CHL	2I					Quartz-Muscovite Schist; Weak-moderately foliated, medium green-grey micaceous schist. Chlorite altered matrix.	
									MD	GN				CLY	1I					Low-moderate veining density, large grey quartz veins (up to ~acme) and narrow irregular calcite veinlets common at ~55° to core axis.	
																0.50		Po	0.10	Sulphides are present generally occurring as discontinuous veinlets, dominantly pyrite with rare pyrrhotite.	
																				Competent core rock, moderate fracture density, generally at ~40° to core axis. Weak-moderately foliated at ~50° to core axis.	
			169.09	173.46	4.37									CLY	2I					-Similar to general description, with one patch of slightly stronger clay alteration at 172.20-172.50m at ~65° to core axis.	
			173.46	173.57	0.11		VEN		--	GY						0.10				-Grey quartz vein. Distinct contacts at ~45° to core axis. No significant sulphides.	
			173.57	176.58	3.01											1.00		Po	0.20	-Similar to general description, slight increase in sulphide content, carried in quartz vein at ~45° to core axis, dominantly pyrite with trace pyrrhotite.	
			176.58	176.78	0.20		VEN		--	GY						0.10				-Zone of quartz flooding/quartz vein(?) at ~40° to core axis. Trace sulphides - pyrite.	
			176.78	177.67	0.89		SCH	MG												-Coarser grained than general interval and strongly foliated at ~60° to core axis. Quartz "augends" noted.	
			177.67	178.12	0.45		VEN			GY										-Quartz vein zone, hosted in schist. Oriented at ~55° to core axis. Discontinuous pyrite veinlets noted (<0.1cm).	
			178.12	182.18	4.06															-Similar to general description.	

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type	Conc. (%)		
			182.18	184.25	2.07		FLR		LT	GN	BX			CHL	3I						-Strongly brecciated zone, white calcareous clay/gouge infill. Preferred orientation at ~40° to core axis. No significant sulphides - fault zone(?)
			184.25	187.98	3.73				--	WH				CLY	3I						-Similar to general description.
			187.98	188.51	0.53		FEL		MD	GN	PO			CHL	2I						-Silica flooded brecciated/porphyritic interval - likely felsic dyke. Weakly gradational contacts at ~40° to core axis.
			188.51	189.73	1.22				--	WH	BX										-Similar to general description.
			189.73	189.81	0.08		FEL		LT	GY	PO			CHL	2I						-Similar to 187.98-188.51m. Contacts at ~50° to core axis.
									DK	GN											-Similar to general description, with increased altered feldspar phenocrysts (<0.2cm) giving matrix a speckled appearance.
			189.81	194.55	4.74																-Similar to general description.
			194.55	196.14	1.59																
196.14	199.78	3.64	196.14	199.78	3.64		FEL			GY	PO		1I	CHL	2I						Felsic Dyke; Quartz-feldspar porphyritic unit. Chlorite altered matrix and occurring as narrow veinlets throughout the core.
										GN							0.20				Low veining density, often narrow irregular calcite veinlets (<0.2cm).
																					Fine disseminated-blebby pyrite seen scattered in matrix.
																					Competent core rock with minor fracturing at ~45° to core axis.
																					-One band of micaceous schist noted at 197.68-197.82m. Foliation at ~60° to core axis.
199.78	213.02	13.24					SCH	FG	MD	GY			2I	CHL	1I						Quartz-Muscovite Schist; Moderate foliated, medium grey, fine grained muscovite schist. Foliation at ~55° to core axis.
																	0.20				Low-moderate veining density, generally quartz-carbonate veinlets (<1cm) at ~30° to core axis.
																					Trace pyrite, often disseminated, occasionally in veinlets.
																					Fairly competent core rock with fracturing at ~45° to core axis. More blocky in zones of higher mica content.
			199.78	209.31	9.53																-Similar to general description. Crenulations noted throughout the matrix.
			209.31	210.03	0.72		FEL		LT	GY	PO						1.00				-Felsic dyke - weakly chlorite/sericite altered. Contacts at ~55° to core axis. Disseminated pyrite noted throughout interval.
									MD	GN											
			210.03	211.77	1.74																-Similar to general description.
			211.70	212.42	0.72								3I								-Zone of silicification. Felsic dyke at 211.77-211.99m and quartz vein at 212.15-212.45m. Oriented at ~60° and ~40° to core axis. No change in sulphide content.
			212.42	213.02	0.60																-Similar to general description.
213.02	213.81	0.79	213.02	213.81	0.79		VEN		MD	GN			3I	CHL	2I	10.00		Po	30.00		Quartz-Muscovite Schist; Similar to 199.78-213.02m hosting a massive sulphide band. Foliation at ~45° to core axis. Fracturing at ~60° to core axis. Semi-massive to massive pyrrhotite with pyrite at ~40° to core axis. Alteration envelopes at 213.02-213.37m and 213.73-213.81m.
213.81	224.52	10.71					LST	FG	--	WH											Interbedded Limestone and Micaceous Schist; Interbedded light grey-white limestone and medium grey muscovite schist. Weakly foliated at ~40° to core axis. ~40% limestone, 60% schist within this interval. Sharp contacts at ~65° to core axis.
							SCH	FG	MD	GY	FO		2I	CLY	2I		0.70	Po	1.00		Trace moderate calcite veinlet density (<1.0cm) at ~40° to core axis.
																					Fine disseminations to localized massive sulphides (pyrrhotite and pyrite).
			213.81	216.30	2.49																Competent core rock, fracturing at ~50° to core axis. Rare strongly clay altered intervals.
																					-Similar to general description, with bands of biotite rich schist.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other				
														Type	Intensity			Type	Conc. (%)			
			216.30	218.52	2.22		SCH		MD	GY	FO					0.30					-Weakly calcareous muscovite schist. Crenulations can be seen in matrix. Fine disseminated pyrite noted. Foliation at ~45° to core axis.	
			218.52	221.11	2.59																-Similar to general description.	
			221.11	222.18	1.07		SCH		DK	GY						0.50					-Similar to 216.30-218.52m, increased quartz-carbonate veinlets. Foliation at ~40° to core axis. Pyrite noted in veinlets.	
			222.18	222.71	0.53		VEN				MA					10.00		Po	60.00	X	-"Vein" - band of massive sulphides, dominantly pyrrhotite and trace pyrite and possible chalcopyrite. Contact at ~55° to core axis.	
			222.71	223.64	0.93		FLR							CLY	3I						-Fault zone(?) - strongly chlorite and clay altered. Oriented at ~70° to core axis. Possible trace graphite(?).	
														CHL	2I							
			223.64	224.52	0.88																-Similar to general description.	
224.52	236.62	12.10					FEL		MD	GY	PO		2I	CHL	1I							Felsic Dyke; Weak-moderate foliated quartz-feldspar porphyry. Foliation at ~50° to core axis. Moderate chlorite and sericite altered with silicification.
											FO			SER	2I		0.10					Quartz-carbonate veining common (<1.0cm). Oriented at ~35° to core axis.
																						Trace pyrite, in narrow veinlets (<0.2cm) and blebs (<0.2cm).
																						Fairly competent core rock, moderate fracturing density generally at ~55° to core axis.
			224.52	227.81	3.29		SCH		MD	GY	FO			CHL	3I							-Muscovite schist interval. Foliation at ~45° to core axis. White-grey quartz veins (<3cm) common, oriented at ~65° to core axis.
			227.81	228.30	0.49		FLR		LT	GY	BX			CLY	3I	0.20		Po	0.10			-Brecciated/faulted zone, oriented at ~55° to core axis. Coarse granular gouge with large fragments of quartz vein with pyrite.
			228.30	231.39	3.09																	-Similar to general description, with stronger foliation at ~45° to core axis.
			231.39	231.44	0.05		FLR		LT	GY				CLY	3I							-Band of granular gouge, oriented at ~70° to core axis.
			231.44	234.32	2.88				LT	GY			2I									-Weakly bleached, moderate silicified quartz-feldspar porphyry unit. Contacts at ~50° to core axis. Carbonate healed fractures common. Silicified zones (veins).
			234.32	236.62	2.30																	-Similar to general description.
236.62	241.03	4.41	236.62	241.03	4.41		SCH		LT	GY	PO			CHL	2I						X	Quartz-Muscovite Schist; Moderate foliated quartz-muscovite schist with subrounded quartz eyes (<0.7cm). Foliation at ~55° to core axis.
									MD	GN				SER	1I							Weakly chlorite/sericite altered matrix. Tan-brown speckled - altered feldspar(?).
																0.10						Narrow white calcite veinlet (<0.7cm), generally at ~45° to core axis.
																						Trace amounts of pyrite, often carried in calcite veinlets.
																						Competent core rock, rare fractures at ~50° to core axis.
241.03	256.00	14.97					SCH	FG	MD	BN	SC			SER	2I							Mixed Interbeds of Quartz-Muscovite-Biotite Schist and Limestone; Dominantly weakly chlorite/sericite altered muscovite schists with minor zones of limestone.
							LST		MD	GY												Moderate foliated matrix at ~45° to core axis. Crenulations common.
																						Moderate vein density, generally discontinuous calcite veinlets (<0.5cm) along foliation planes.
																0.20						Trace-minor finely disseminated pyrite scattered in matrix.
																						Competent core rock with minor fracture density generally at ~60° to core axis.
			241.03	248.92	7.89																X	-Similar to general description, including fragments(?) of speckled white and black calcareous schist, fairly sharp/defined contacts.
			248.92	252.32	3.40		SCH		LT	GY	PO			CLY	4I	0.40						-Slightly bleached, brecciated zone of the schist unit. White grey quartz veins (<4cm) noted, oriented at ~70° to core axis. Medium-dark grey gouge/clay. Trace sulphides.
			252.32	256.00	3.68				LT	GN	BX											
																						-Similar to general description.
256.00	269.75	13.75					SCH		MD	BN	SC			SER	1I							Mixed Quartz-Muscovite-Biotite Schist and Limestone; Similar to 241.03-256.0m. Dominantly zones of mixed/crenulated muscovite-biotite schist with small zones of banded limestone. Weakly gradational but distinct contacts at ~45° to core axis.
									LT	GY				CHL	1I							Weakly chlorite/sericite altered matrix. General foliation at ~55° to core axis.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type	Conc. (%)		
							LST		MD	BN	FO		3I				0.20		Po	0.20	Low-moderate veining density, dominantly at ~30° to core axis. Quartz-carbonate (<0.7cm). Trace-minor fine disseminated pyrite and/or pyrrhotite, along foliation. Competent core rock with minor fracturing at ~45° to core axis.
			259.96	260.45	0.49				DK	GY	LA										-Finely laminated zone, foliation at ~55° to core axis.
			260.45	261.98	1.53																-Similar to general description.
			261.98	262.15	0.17				DK	GY	LA		3I								-Finely laminated and strongly silicified zone, foliation at ~55° to core axis.
			262.15	269.75	7.60																-Similar to general description.
269.75	274.35	4.60					SCH	FG	MD	BN	FO					--	--	Bi	25.00		Quartz-Muscovite-Biotite Schist; Calcareous quartz-muscovite-biotite schist. Moderate-strongly foliated at ~55° to core axis. Low veining density with narrow white calcite veinlets (<0.5cm) at ~55° to core axis. No significant sulphides noted. Competent core rock with minor fracturing along foliation at ~65° to core axis.
																					-Similar to general description.
			269.75	271.84	2.09																-Zone of mixed schist/fragment(?). Change in foliation at ~25° to core axis.
			271.84	272.41	0.57				LT	GY	SC										-Similar to general description.
			272.41	274.35	1.94																
274.35	284.28	9.93					FEL		LT	GY			3I	CHL	2I						Felsic Dyke hosted in Micaceous Schist; Silicified felsic dyke hosted in quartz-muscovite schist (foliated at ~40° to core axis). Moderately silicified and weakly chlorite and sericite altered. Weakly gradational contacts at ~30° to core axis.
									LT	GN											Low veining density. Calcite veinlets along foliation in limestone and at ~30-40° to core axis in dyke unit.
							SCH	FG	MD	GY	PO			SER	1I						Trace amounts of finely disseminated sulphides with occasional blebs (<0.3cm). Pyrite and pyrrhotite present.
																0.30		Po	0.20		Competent core rock, minor fracturing generally along veinlets and in sections of schist.
																					-Bleached interval, increased sericite and clay alteration. Low angle fracturing and slightly rubbled core zone.
			274.35	275.06	0.71				--	WH				SER	3I						
									LT	GN				CHL	1I						
			275.06	276.39	1.33		FEL														-Similar to general description.
																					-Quartz-carbonate vein at ~50° to core axis with muscovite flooded contact zone (~2cm wide).
			276.39	276.76	0.37								5I								-Quartz-muscovite schist interval, foliation at ~55° to core axis. Calcareous matrix.
			276.76	280.28	3.52		SCH		MD	GY			2I								-Similar to general description.
			280.28	284.28	4.00		FEL														
284.28	290.37	6.09					SCH		MD	GY	FO			CHL	1I						Quartz-Muscovite Schist; Calcareous quartz-muscovite schist, foliated at ~60° to core axis with elongated calcite blebs throughout matrix. Finely laminated with weak chlorite and sericite alteration. Bands with moderate biotite content.
														SER	1I						Low veining density, generally along foliation planes.
																0.10					Trace pyrite, finely disseminated in matrix.
																					Competent core rock with fracturing along foliation plane.
			284.28	290.28	6.00																-Similar to general description.
																					-"Contact zone" - Strongly foliated with higher muscovite and biotite content at ~45° to core axis.
			290.28	290.37	0.09																
290.37	301.24	10.87					FEL		MD	GY	PO			CHL	1I						Felsic Dyke; Medium grey porphyritic quartz-feldspar unit. Weakly foliated at ~45-50° to core axis and weakly chlorite and sericite altered matrix. Weakly calcareous.
														SER	1I						Low-moderate vein density. Grey quartz veinlets (<1cm) and white calcite veinlets (<0.3cm) seen within the interval at ~60° to core axis.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type	Conc. (%)		
																0.20		Po	0.10		Trace sulphides present, occurring as fine disseminations and carried in narrow veinlets.
																					Hard and competent core rock, minor fracturing at ~10° to core axis.
			290.37	290.41	0.04				LT	GY	MA				SER	3I					-"Contact zone" - weakly brecciate quartz vein at upper contact at ~60° to core axis.
			290.41	293.67	3.26										SER	2I					-Similar to general description, with slightly increased sericite alteration of matrix. Weakly foliated.
			293.67	294.33	0.66										SER	3I					-Interval of strongly sericite altered matrix, likely associated with band of muscovite schist at ~65° to core axis at 294.04-294.33m
			294.33	295.74	1.41																-Similar to general description.
			295.74	296.73	0.99										SER	3I	0.40		Po	0.10	-Similar to general description, with more intensive sericite alteration. Interval has weak bleached appearance, Sulphide veinlets appear to be associated to this zone.
															CLY	1I					
			296.73	301.24	4.51															X	-Similar to general description.
301.24	304.80	3.56					SCH		MD	BN	FO				CLY	1I					Quartz Muscovite-Biotite Schist; Similar to 256.0-269.75m. Foliated muscovite-biotite schist (at ~45° to core axis). Moderate-strongly crenulated sections.
															SER	2I					Low veining density - most veining structures appear to be along foliation planes.
																					No significant sulphide content noted.
																					Blocky but hard core rock, breakages generally along foliation planes.
																					-Two zones of slightly increased clay and gouge at 301.75-302.0m and 302.47-302.68m.
																					Fine gouge at ~60° to core axis.
																					EOH @ 304.80m

Secondary Structure Log

Hole: QB-12-01

Logger Name:

Date: September 7, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	3.77	4.57	35.00	23.00	8.00				
VT	8.12	8.94	42.00		9.00				
VT	9.72	10.20	45.00		11.00				
VT	13.52	14.63	40.00		11.00				
VT	15.96	17.29	41.00		13.00				
VT	39.62	40.00	79.00		3.00				
VT	42.17	43.05	60.00		9.00				
VT	50.70	51.63	78.00		4.00				
VT	56.57	57.00	40.00		9.00				
VT	64.84	65.26	75.00	95.00	9.00				
VT	70.74	71.23	60.00		9.00				
VT	77.39	78.21	47.00	0.00	14.00			Along with foliation.	
VT	80.18	81.11	30.00	0.00	14.00			Along with foliation.	
VT	84.57	85.34	65.00		4.00				
VT	85.34	86.38	35.00		10.00				
VT	92.86	93.37	54.00		8.00				
VT	108.56	109.42	55.00	0.00	10.00			Along with foliation.	
VT	112.34	113.32	70.00	0.00	14.00			Along with foliation	
VT	114.79	115.82	71.00	0.00	11.00			Along with foliation.	
VT	119.95	120.81	60.00	0.00	9.00			Along with foliation.	
VN	126.00	127.05	85.00		3.00				
VT	132.59	133.60	54.00		5.00				
VN	141.47	142.30	42.00		3.00				
VN	164.11	165.10	55.00	0.00	3.00			Along with foliation.	
VN	168.84	170.40	55.00	0.00	2.00			Along with foliation.	
VN	173.35	178.20	43.00	0.00	4.00			Along with foliation.	
VT	184.00	184.95	50.00	0.00	2.00			Along with foliation.	
VN	192.12	196.60	55.00	80.00	2.00				
VT	196.18	197.65	35.00		3.00				
VN	209.24	209.53	55.00		2.00				
VT	209.67	210.10	43.00		2.00				
VT	213.72	214.64	30.00	100.00	2.00				

Secondary Structure Log

[illegible]

Density Log

Hole: QB-12-01

Date: September 08 2012

[illegible]

Sample Log

Hole: QB-12-01

Date: September 08 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Weight (kg)			Comments
0.00	0.59	0.59	--		N/S					Casing; no recovery
0.59	23.08	22.49	--		N/S					No mineralization
23.08	24.62	1.54	1.54	100	G285465	1	5.00			Brecciated zone - limestone
24.62	26.24	1.62	1.44	88.9	G285466	1	5.20			Contact zone - mixed
--	--	--			G285467	1	0.30			Standard: CDN-ME-6
26.24	28.86	2.62	2.55	97.3	G285468	1	9.30			Contact zone - mixed
28.86	31.46	2.60	2.56	98.5	G285469	1	8.60			Schist
31.46	34.06	2.60	2.55	98.1	G285470	1	8.80			Schist
34.06	36.67	2.61	2.59	99.2	G285471	1	8.20			Schist
--	--	--			G285472	1	3.30			Blank
36.67	38.52	1.85	1.85	100	G285473	1	6.00			Mixed schists/limestone
38.52	40.95	2.43	2.42	99.6	G285474	1	8.30			Limestone
40.95	41.71	0.76	0.76	100	G285475	1	2.70			Schist
41.71	44.82	3.11	2.92	93.9	G285476	1	10.40			Limestone
44.82	45.73	0.91	0.91	100	G285477	1	3.00			Contact zone
--	--	--			G285478	1	0.00			Coarse reject duplicate
45.73	48.77	3.04	3.00	98.7	G285479	1	9.90			
48.77	51.12	2.35	2.33	99.1	G285480	1	7.70			
51.12	53.14	2.02	1.99	98.5	G285481	1	7.10			
53.14	55.16	2.02	1.97	97.5	G285482	1	6.50			
--	--	--			G285483	1	0.30			Standard: CDN-ME-6
55.16	57.91	2.75	2.74	99.6	G285484	1	9.60			
57.91	60.96	3.05	2.95	96.7	G285485	1	10.10			
--	--	--			G285486	1	4.40			Quarter split duplicate
60.96	64.01	3.05	2.95	96.7	G285487	1	10.30			
64.01	66.57	2.56	2.52	98.4	G285488	1	8.80			
66.57	68.95	2.38	2.38	100	G285489	1	7.90			"Banded Limestone"
68.95	69.62	0.67	0.67	100	G285490	1	2.50			Contact zone - mixed
69.62	71.72	2.10	2.10	100	G285491	1	7.00			
71.72	73.28	1.56	1.19	76.3	G285492	1	4.10			Fault zone(?)
73.28	76.13	2.85	2.42	84.9	G285493	1	9.10			
76.13	77.39	1.26	1.25	99.2	G285494	1	4.80			Pyrite zone + Contact zone
--	--	--			G285495	1	3.00			Blank
77.39	79.31	1.92	1.89	98.4	G285496	1	6.30			
79.31	81.61	2.30	2.30	100	G285497	1	7.70			
81.61	83.25	1.64	1.54	93.9	G285498	1	5.10			
83.25	84.89	1.64	1.60	97.6	G285499	1	5.60			
84.89	87.28	2.39	2.39	100	G285500	1	7.50			Felsic dyke
87.28	89.67	2.39	2.38	99.6	K191901	2	7.80			Felsic dyke
89.67	91.42	1.75	1.75	100	K191902	2	6.30			
91.42	94.42	3.00	2.96	98.7	K191903	2	10.40			
94.42	98.17	3.75			N/S					
98.17	99.60	1.43	1.43	100	K191904	2	4.90			
99.60	100.50	0.90	0.90	100	K191905	2	3.50			
100.50	102.42	1.92	1.87	97.4	K191906	2	5.90			

Sample Log

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Weight (kg)			Comments
--	--				K191907	2	3.00			Blank
102.42	104.33	1.91	1.90	99.5	K191908	2	6.30			
104.33	106.56	2.23	2.23	100	K191909	2	7.60			Zone of quartz veins
106.56	108.52	1.96	1.92	98	K191910	2	6.40			
108.52	111.31	2.79	2.78	99.6	K191911	2	9.50			
--	--				K191912	2	0.30			Standard: CDN-ME-6
111.31	114.31	3.00	2.98	99.3	K191913	2	10.00			
114.31	117.31	3.00	2.99	99.7	K191914	2	10.80			
117.31	119.55	2.24	2.24	100	K191915	2	7.30			
119.55	120.58	1.03	0.99	96.1	K191916	2	3.20			
120.58	121.65	1.07	1.07	100	K191917	2	3.80			Limestone with pyrite veinlets
--	--				K191918	2	3.00			Blank
121.65	123.65	2.00	2.00	100	K191919	2	6.80			
123.65	126.37	2.72	2.72	100	K191920	2	9.20			
126.37	127.37	1.00	0.97	97	K191921	2	3.20			
127.37	129.54	2.17	2.12	97.9	K191922	2	7.40			
129.54	131.66	2.12	2.11	99.5	K191923	2	7.10			
--	--				K191924	2	0.00			Coarse reject duplicate
131.66	133.63	1.97	1.95	99	K191925	2	6.40			Felsic dyke
133.63	135.73	2.10	2.08	99	K191926	2	6.80			
135.73	137.00	1.27	1.23	96.9	K191927	2	4.50			Biotite rich schist
137.00	139.18	2.18	2.18	100	K191928	2	7.30			Biotite rich schist
139.18	142.08	2.90	2.87	99	K191929	2	9.60			
--	--				K191930	2	0.30			Standard: CDN-ME-6
142.08	145.00	2.92	2.85	97.6	K191931	2	10.10			
145.00	148.00	3.00	2.95	98.3	K191932	2	10.50			
148.00	150.40	2.40	2.37	98.7	K191933	2	8.40			
--	--				K191934	2	3.60			Quarter split Duplicate
150.40	152.80	2.40	2.35	97.9	K191935	2	7.90			
152.80	155.71	2.91	2.90	99.7	K191936	2	9.70			
155.71	158.38	2.67	2.65	99.3	K191937	3	8.60			
158.38	161.05	2.67	2.63	98.5	K191938	3	8.80			
161.05	163.25	2.20	2.18	99.1	K191939	3	7.40			
163.25	165.45	2.20	2.14	97.3	K191940	3	8.20			Contact zone to white limestone
--	--				K191941	3	0.30			Standard: CDN-ME-6
165.45	167.24	1.79	1.79	100	K191942	3	5.90			Limestone
167.24	169.09	1.85	1.82	98.4	K191943	3	6.50			Limestone
169.09	172.10	3.01	3.00	99.7	K191944	3	9.80			
172.10	175.10	3.00	3.00	100	K191945	3	10.40			
175.10	176.58	1.48	1.48	100	K191946	3	5.30			Sulphide veins
--	--				K191947	3	3.00			Blank
176.58	178.18	1.60	1.54	96.3	K191948	3	5.20			Quartz veins
178.18	180.18	2.00	2.00	100	K191949	3	6.80			
180.18	182.18	2.00	2.00	100	K191950	3	7.20			
182.18	184.25	2.07	2.07	100	K191951	3	6.50			Brecciated/fault(?) zone
--	--				K191952	3	3.00			Blank
184.25	187.25	3.00	3.00	100	K191953	3	10.10			
187.25	190.25	3.00	2.98	99.3	K191954	3	9.90			
190.25	193.19	2.94	2.92	99.3	K191955	3	10.00			
--	--				K191956	3	4.30			Quarter split duplicate.

Sample Log

[illegible]

Geotechnical Log

Hole:QB-12-01

Tech Name: Kristina An

Date: September 7,2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCI Reactivity	Hardness	Strength	Weathering	Joint Sets						DESCRIPTION
											spacing	Attitude (tca)	Shape	Roughness	Weathering	Gouge	
0.00	0.59	0.59	0.00	0	0.00	0											Casing, no recovery.
0.59	1.52	0.93	0.93	100	0.00	0	0	2	3	4							
1.52	2.13	0.61	0.51	84	0.00	0	0	3	3	4							
2.13	3.05	0.92	0.56	61	0.00	0	0	3	4	4							
3.05	4.57	1.52	1.43	94	0.74	49	0	2	3	4							
4.57	6.10	1.53	1.51	99	0.69	45	0	3	4	2							
6.10	7.62	1.52	1.52	100	0.35	23	0	3	3	2							
7.62	9.14	1.52	1.48	97	0.50	33	0	3	3	2	0.19	58	1	3	3	4	
9.14	12.19	3.05	3.02	99	1.32	43	0	3	3	2	0.15	51	1	2	2	0	
12.19	15.24	3.05	3.05	100	0.93	30	1	2	3	2	0.28	66	2	3	2	0	
15.24	18.29	3.05	3.05	100	1.40	46	3	2	3	2	0.2	64	2	2	2	0	
18.29	21.34	3.05	3.05	100	2.04	67	0	2	3	2							
21.34	24.38	3.04	3.04	100	1.84	61	3	2	3	2	0.1	50	2	3	3	2	
24.38	27.43	3.05	3.00	98	1.66	54	3	3	3	2	0.13	54	1	3	2	2	
27.43	30.48	3.05	2.99	98	2.22	73	3	3	3	1							
30.48	33.53	3.05	3.05	100	2.08	68	1	3	3	1	0.11	47	1	3	1	0	
33.53	36.58	3.05	3.05	100	1.48	49	1	3	3	1							
36.58	39.62	3.04	3.04	100	2.42	80	3	2	3	1							
39.62	42.67	3.05	3.05	100	1.34	44	3	2	3	1	0.14	64	1	2	1	1	
42.67	45.72	3.05	3.04	100	1.66	54	3	3	3	2	0.19	69	1	2	2	1	
45.72	48.77	3.05	3.00	98	1.62	53	3	3	3	1	0.16	69	1	2	1	0	
48.77	51.82	3.05	3.05	100	1.74	57	3	3	4	1							
51.82	54.86	3.04	3.04	100	0.33	11	1	3	3	1	0.12	70	1	2	1	0	
54.86	57.91	3.05	3.05	100	1.34	44	3	3	4	1	0.18	55	2	3	1	0	
57.91	60.96	3.05	2.97	97	1.45	48	1	3	4	1							
60.96	64.01	3.05	3.02	99	0.87	29	1	3	4	1							
64.01	67.06	3.05	3.05	100	0.58	19	1	3	4	1	0.1	72	1	2	1	1	
67.06	70.10	3.04	3.04	100	1.31	43	3	3	3	1	0.09	81	1	2	1	0	
70.10	73.15	3.05	2.73	90	0.82	27	3	2	3	1	0.1	53	1	2	1	5	
73.15	76.20	3.05	2.97	97	0.14	5	3	3	3	1							
76.20	79.25	3.05	3.05	100	1.47	48	3	3	3	1	0.26	60	1	2	1	0	
79.25	82.30	3.05	3.05	100	1.95	64	1	3	3	1	0.29	70	1	2	1	1	
82.30	85.34	3.04	3.04	100	0.48	16	1	3	3	1							

Geotechnical Log

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCI Reactivity	Hardness	Strength	Weathering	Joint Sets						DESCRIPTION
											spacing	Attitude (tca)	Shape	Roughness	Weathering	Gouge	
85.34	88.39	3.05	3.04	100	2.10	69	1	3	4	1							
88.39	91.44	3.05	3.05	100	1.58	52	1	3	4	1	0.1	66	1	2	1	1	
91.44	94.49	3.05	3.05	100	2.39	78	1	3	4	1							
94.49	97.54	3.05	3.05	100	2.32	76	1	3	3	1							
97.54	100.58	3.04	3.04	100	1.17	38	1	3	3	1	0.12	67	1	2	1	0	
100.58	103.63	3.05	3.05	100	2.21	72	1	3	4	1	0.1	75	1	2	1	0	
103.63	106.68	3.05	3.05	100	1.14	37	1	3	3	1							
106.68	109.73	3.05	2.97	97	1.06	35	1	3	3	1	0.09	71	1	2	1	0	
109.73	112.78	3.05	3.05	100	0.73	24	1	3	3	1	0.07	55	1	2	1	1	
112.78	115.82	3.04	3.04	100	2.19	72	0	3	3	1	0.12	58	1	2	1	0	
115.82	117.96	2.16	2.16	100	1.27	59	0	3	3	1	0.17	66	1	2	1	1	
117.96	120.40	2.44	2.42	99	0.66	27	0	3	3	1	0.12	63	1	2	1	5	
120.40	123.44	3.04	3.04	100	0.72	24	1	3	4	1	0.12	60	1	3	1	1	
123.44	126.49	3.05	3.05	100	2.08	68	1	3	4	1							
126.49	129.54	3.05	3.02	99	0.92	30	1	3	3	1	0.06	71	1	2	1	0	
129.54	132.59	3.04	3.04	100	0.78	26	1	3	4	1							
132.59	135.64	3.05	3.05	100	1.63	53	0	3	4	1							
135.64	138.68	3.04	3.04	100	0.86	28	0	3	3	1	0.06	55	1	2	1	2	
138.68	141.73	3.05	2.98	98	1.98	65	1	3	4	1	0.16	24	1	2	1	0	
141.73	144.78	3.05	3.04	100	1.95	64	0	3	4	1							
144.78	146.30	1.52	1.52	100	0.95	63	0	3	3	1	0.29	44	1	2	1	0	
146.30	149.35	3.05	3.05	100	1.50	49	0	3	3	1	0.17	50	1	2	1	0	
149.35	152.40	3.05	3.05	100	1.65	54	0	3	3	1	0.05	55	1	2	1	3	
152.40	155.45	3.05	3.05	100	1.79	59	0	3	3	1	0.06	60	1	2	1	0	
155.45	158.50	3.05	3.05	100	1.86	61	0	3	3	1							
158.50	161.54	3.04	3.04	100	1.82	60	0	3	4	1							
161.54	164.59	3.05	3.05	100	1.55	51	0	3	4	1	0.12	50	1	2	1	0	
164.59	167.64	3.05	3.05	100	2.66	87	3	3	4	1							
167.64	170.69	3.05	3.05	100	2.49	82	1	3	3	1							
170.69	173.74	3.05	3.05	100	1.83	60	0	3	3	1	0.22	68	1	2	1	0	
173.74	176.78	3.04	3.04	100	2.53	83	0	3	4	1							
176.78	179.83	3.05	3.05	100	2.52	83	0	3	4	1							
179.83	182.88	3.05	3.05	100	1.68	55	0	3	4	1							
182.88	185.93	3.05	3.05	100	1.46	48	0	3	4	1							
185.93	188.98	3.05	3.05	100	1.79	59	0	3	3	1	0.13	67	1	2	1	0	
188.98	192.02	3.04	3.02	99	2.36	78	1	3	4	1	0.23	46	1	2	1	0	
192.02	195.07	3.05	3.05	100	1.74	57	0	3	4	1	0.14	73	1	2	1	2	

Geotechnical Log

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCI Reactivity	Hardness	Strength	Weathering	Joint Sets						DESCRIPTION
											spacing	Attitude (tca)	Shape	Roughness	Weathering	Gouge	
195.07	198.12	3.05	3.05	100	2.09	69	1	3	4	1	0.17	50	1	2	3	0	
198.12	201.17	3.05	3.03	99	1.42	47	0	3	4	1	0.05	48	1	2	1	0	

Hole:QB-12-01

Date: September 2012

Depth (m)	1° Structure Type	Angle (TCA)	COMMENTS
3.86	FO	40	
5.97	FO	55	
8.05	FO	48	
9.81	FO	39	
14.85	FO	58	
17.48	FO	35	
29.22	FO	48	
33.72	FO	48	
34.58	FO	57	
36.06	FO	29	
37.1	FO	60	
41.66	FO	72	
45.31	FO	65	
45.64	FO	58	
48.42	FO	63	
51	FO	79	
53.97	FO	72	
65.06	FO	70	
68.62	FO	72	
71.66	FO	54	
74.05	FO	42	
76.64	FO	42	
77.43	FO	45	
80.62	FO	30	
84.7	FO	65	
90.57	FO	76	
94.7	FO	69	
99.03	FO	50	
102	FO	58	
105.76	FO	55	
106.94	FO	58	
109.47	FO	69	
111.2	FO	66	
112	FO	70	
114.12	FO	65	
117.84	FO	62	
119.61	FO	51	
121.36	FO	60	
123.61	FO	60	
128.1	FO	62	
135.17	FO	60	
135.8	FO	45	
139.66	FO	60	

Depth (m)	1° Structure Type	Angle (TCA)	COMMENTS
146	FO	44	
149.71	FO	54	
152.16	FO	58	
162.15	FO	54	
165	FO	55	
168.85	FO	43	
174.64	FO	50	
177.7	FO	42	
179.52	FO	29	
184.62	FO	50	
187.07	FO	60	
190.34	FO	42	
192.87	FO	80	
201.05	FO	52	
205.15	FO	50	
208.01	FO	42	
262.02	FO	58	
213.84	FO	66	
215.16	FO	60	
217.18	FO	70	
220.91	FO	42	
223.79	FO	73	
226.59	FO	59	
231.22	FO	59	
235.26	FO	66	
237.85	FO	40	
239.72	FO	51	
241.09	FO	61	
244.34	FO	52	
247.43	FO	42	
251.53	FO	68	
254	FO	69	
257.33	FO	55	
260.09	FO	68	
263.07	FO	64	
265.94	FO	68	
269.89	FO	65	
270.48	FO	20	
270.66	FO	59	
273.87	FO	65	
277.1	FO	45	
280.22	FO	48	
284.32	FO	57	

PRIMARY STRUCTURE LOG

Depth (m)	1° Structure Type	Angle (TCA)	COMMENTS
143.5	FO	60	
287.1	FO	68	
289.7	FO	55	
291.11	FO	30	
294.08	FO	78	
301.6	FO	73	
303	FO	49	
304.68	FO	37	EOH at 304.80 m.

Depth (m)	1° Structure Type	Angle (TCA)	COMMENTS
286.47	FO	81	

PRIMARY STRUCTURE LOG

Magnetic Susceptibility Log

Hole:QB-12-01

Date: Sep-12

Depth (m)	Magnetic Susceptibility	DESCRIPTION
1.00	4.25	
2.00	0.01	
3.00	0.16	
4.00	0.00	
5.00	0.03	
6.00	0.13	
7.00	0.05	
8.00	0.05	
9.00	0.04	
10.00	0.07	
11.00	0.00	
12.00	0.07	
13.00	0.03	
14.00	0.00	
15.00	0.00	
16.00	0.03	
17.00	0.09	
18.00	0.11	
19.00	0.00	
20.00	0.04	
21.00	0.00	
22.00	0.09	
23.00	0.06	
24.00	0.00	
25.00	0.14	
26.00	0.10	
27.00	0.02	
28.00	0.15	
29.00	0.09	
30.00	0.15	
31.00	0.02	
32.00	0.00	
33.00	0.02	
34.00	0.49	
35.00	0.01	
36.00	0.05	
37.00	0.03	
38.00	0.14	
39.00	0.01	
40.00	0.16	
41.00	0.08	
42.00	0.01	
43.00	0.08	
44.00	0.07	
45.00	0.08	
46.00	4.93	
47.00	1.31	
48.00	0.06	
49.00	0.11	
50.00	0.01	

Depth (m)	Magnetic Susceptibility	DESCRIPTION
52.00	0.03	
53.00	0.05	
54.00	0.05	
55.00	0.03	
56.00	0.07	
57.00	0.01	
58.00	0.03	
59.00	0.02	
60.00	0.04	
61.00	0.17	
62.00	0.06	
63.00	0.14	
64.00	0.03	
65.00	0.12	
66.00	0.00	
67.00	0.19	
68.00	0.04	
69.00	0.10	
70.00	0.08	
71.00	0.13	
72.00	0.03	
73.00	0.08	
74.00	0.05	
75.00	0.08	
76.00	0.46	
77.00	0.01	
78.00	0.11	
79.00	0.20	
80.00	1.40	
81.00	0.35	
82.00	0.05	
83.00	0.02	
84.00	0.12	
85.00	0.09	
86.00	0.07	
87.00	0.19	
88.00	0.00	
89.00	0.05	
90.00	0.06	
91.00	0.03	
92.00	0.05	
93.00	0.76	
94.00	0.10	
95.00	0.43	
96.00	0.05	
97.00	0.47	
98.00	0.23	
99.00	0.04	
100.00	0.09	
101.00	0.05	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptibility	DESCRIPTION
51.00	0.46	
104.00	0.21	
105.00	0.30	
106.00	0.04	
107.00	0.16	
108.00	0.10	
109.00	0.11	
110.00	0.82	
111.00	0.14	
112.00	0.03	
113.00	0.33	
114.00	0.50	
115.00	1.39	
116.00	0.43	
117.00	0.15	
118.00	0.13	
119.00	0.12	
120.00	0.13	
121.00	0.00	
122.00	0.00	
123.00	0.11	
124.00	0.08	
125.00	0.00	
126.00	0.11	
127.00	0.05	
128.00	0.00	
129.00	0.00	
130.00	0.02	
131.00	0.22	
132.00	0.00	
133.00	0.00	
134.00	0.00	
135.00	0.08	
136.00	0.62	
137.00	0.36	
138.00	0.16	
139.00	0.15	
140.00	0.12	
141.00	0.05	
142.00	0.00	
143.00	1.28	
144.00	0.55	
145.00	0.03	
146.00	0.34	
147.00	0.03	
148.00	0.16	
149.00	0.20	
150.00	2.89	
151.00	0.00	
152.00	1.75	
153.00	0.08	

Depth (m)	Magnetic Susceptibility	DESCRIPTION
102.00	0.05	
103.00	0.10	
156.00	0.07	
157.00	0.63	
158.00	0.26	
159.00	0.12	
160.00	0.00	
161.00	0.08	
162.00	0.23	
163.00	0.77	
164.00	0.01	
165.00	0.95	
166.00	0.15	
167.00	0.13	
168.00	5.09	
169.00	0.15	
170.00	0.58	
171.00	0.09	
172.00	0.04	
173.00	0.00	
174.00	0.30	
175.00	0.01	
176.00	0.13	
177.00	0.18	
178.00	0.14	
179.00	0.03	
180.00	0.21	
181.00	0.02	
182.00	0.03	
183.00	0.10	
184.00	0.00	
185.00	0.03	
186.00	0.01	
187.00	0.01	
188.00	0.00	
189.00	0.04	
190.00	0.20	
191.00	0.25	
192.00	0.14	
193.00	0.45	
194.00	0.35	
195.00	0.35	
196.00	0.01	
197.00	0.06	
198.00	0.45	
199.00	0.01	
200.00	0.02	
201.00	0.70	
202.00	0.01	
203.00	2.04	
204.00	0.54	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptibility	DESCRIPTION
154.00	0.00	
155.00	0.17	
208.00	0.28	

Depth (m)	Magnetic Susceptibility	DESCRIPTION
205.00	0.15	
206.00	0.26	
207.00	0.16	

Box Log

Hole: QB-12-01

Box #	From (m)	To (m)
1	0.59	4.43
2	4.43	8.12
3	8.12	12.19
4	12.19	15.96
5	15.96	20.05
6	20.05	24.13
7	24.13	28.23
8	28.23	32.55
9	32.55	36.58
10	36.58	40.86
11	40.86	44.76
12	44.76	48.77
13	48.77	53.02
14	53.02	57.11
15	57.11	61.17
16	61.17	65.26
17	65.26	69.42
18	69.42	73.57
19	73.57	77.39
20	77.39	81.65
21	81.65	85.49
22	85.49	89.83
23	89.83	93.98
24	93.98	98.17
25	98.17	102.42
26	102.42	106.56
27	106.56	110.63
28	110.63	114.79
29	114.79	118.97
30	118.97	123.19
31	123.19	127.33
32	127.33	131.39
33	131.39	135.53
34	135.53	139.54
35	139.54	143.64
36	143.64	147.87
37	147.87	151.94
38	151.94	155.71
39	155.71	159.89
40	159.89	164.11
41	164.11	168.47
42	168.47	172.60
43	172.60	176.78
44	176.78	180.88
45	180.88	184.95
46	184.95	189.18

Date: Sep-12

[illegible]

QB

ZONE: _____

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		419340	6698145	1008	263.65

SECTION: _____

HOLE: QB-12-02

CLAIM: YB83144

Contractor: Beaudoin Diamond Drilling

Drill: _____

Core size: HQ

Casing depth: 0.79 (m) in / **out**

Drilling dates: August 23 - 26, 2012

Geology logged by: C. Chung

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	340	-45	compass				

TARGET: _____

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	0.79	0.79	CAS	
0.79	2.74	1.95	OVB	
2.74	9.76	7.02	LST	
9.76	28.93	19.17	LST/SCH	
28.93	42.15	13.22	SCH	
42.15	47.69	5.54	LST	
47.69	55.72	8.03	LST	
55.72	71.10	15.38	LST	
71.10	104.17	33.07	SCH	
104.17	114.85	10.68	FEL	
114.85	119.44	4.59	LST/SCH	
119.44	124.11	4.67	FEL	
124.11	142.94	18.83	SCH	Intruded by FEL
142.94	179.24	36.30	FEL	
179.24	202.69	23.45	SCH	
202.69	210.11	7.42	FEL	
210.11	217.36	7.25	FEL	
217.36	263.63	46.27	SCH	

SAMPLES

Numbers: K191990 - K1920000, L828108 - L828150

L840151 - L840159

Total: 53

Batch: 4 (19 only) , 5, 6 (8 only)

Date Sent: _____

Certificate: WH2225404, WH12225407, WH12219229

COMMENTS

Geology Log

Hole: QB-12-02

Logger Name: C. Chung

Date: September 07 2012

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type	Conc. (%)		
0.00	0.79	0.79	0.00	0.79	0.79		CAS	--	--	--	--	--	--			--	--				Casing; No recovery.
0.79	2.74	1.95	0.79	2.74	1.95		OVB	--	LT MD	BN TN		4I									Overburden; Tan-brown overburden material, comprised of strongly weathered schist/limestone cobbles and fine granular clay, sand and grit. Moderate amounts of muscovite noted.
2.74	9.76	7.02					LST	FG	LT	GY BX		2I	2I					Li	0.50		Limestone; Fine grained grey silicified limestone. Tan colouring mostly along fractures/veinlets. Very weak sericite alteration of the matrix. Moderate veining density, narrow (<0.1cm) at ~45° to core axis. Generally tan coloured carbonate veinlets with narrow pale green envelopes (<0.3cm). No significant sulphides noted.
										TN											Fairly competent core rock with minor fracturing, dominantly at ~50° to core axis. Surfaces are occasionally coated with trace-minor limonite. One low angled (~5-10°) fracture noted along calcite veinlet.
																					-Moderately foliated quartz-muscovite schist with green (biotite to chlorite?) specks throughout matrix. Foliation at ~75° to core axis. Lower 7cm is orange coloured and strongly oxidized and muscovite rich.
			2.74	3.36	0.62		SCH	MG	LT MD	GY GN	FO			CHL SER	2I 1I			Mu	40.00		
			3.36	3.59	0.23		VEN			GY						0.50					-Quartz vein at ~75° to core axis, matrix appears moderately fractured but healed. Oxidized blebs of pyrite noted
			3.59	3.87	0.28		SCH	FG	MD MD	GY TN				CLY	3I						-Moderate calcareous, medium-dark grey muscovite schist with foliation at ~70° to core axis. Bands of strong clay alteration (<2cm) noted.
			3.87	8.19	4.32									SER	2I						-Similar to general description, with patches of more intense sericite alteration.
			8.19	8.70	0.51				MD	GN		3I									-Similar to general description, but strongly oxidized zone. Matrix shows high fracture density but core rock is solid..
			8.70	9.76	1.06																-Similar to general description.
9.76	28.93	19.17					LST SCH	FG	LT LT	GY GN GY	BN FO		2I		SER CHL	3I 1I					Interbedded Limestone and Quartz-Muscovite Schist; mixed intervals of fine-grained, grey silicified limestone and banded, weakly sericite altered, weakly calcareous muscovite schist (foliated at ~50° to core axis). Low veining density, generally calcite veinlets (<0.5cm) along foliation. No significant sulphides noted.
			9.76	10.03	0.27		LST		LT	GY											Competent core rock with minor fracturing, dominantly at ~60° to core axis and along foliation of schist unit. Surfaces are clean and rarely coated with fine gouge.
			10.03	10.42	0.39		SCH	FG	MD	GY			2I	SER	1I			Li	0.30		-Dark grey, fine grained calcareous schist, foliated at ~60° to core axis. Limonite seen on fracture surfaces.
			10.42	11.27	0.85		LST														-Similar to general description, massive limestone.
			11.27	13.67	2.40		LST SCH	FG FG	-- MD	WH GN BN											-Similar to general description, ~30% schist, 70% limestone. Foliation at ~75° to core axis with moderate amounts of crenulations. Schist bands have varying amounts of biotite. No significant sulphides noted.
			13.67	16.55	2.88		LST				BX										-Similar to general description. Massive limestone with occasional bands with brecciated textures. No significant sulphides.
			16.55	17.82	1.27		LST SCH	FG FG	-- MD	WH GN BN											-Similar to 11.27-13.67- interbedded limestone and muscovite-biotite schist (foliated at ~60° to core axis) with varying biotite content.
			17.82	20.15	2.33		LST														-Similar to general description - massive to fine grained, weakly silicified limestone.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other					
														Type	Intensity			Type	Conc. (%)				
			20.15	25.83	5.68		SCH	MG	LT	GN	FO		2I	SER	3I	0.20						-Calcareous, moderately sericite altered quartz-muscovite schist. Pale green matrix with foliation at ~60-65° to core axis, occasional bands of grey limestone (<5cm). Trace amounts of pyrite, occurring as disseminated grains in localized zones.	
			25.83	28.93	3.10		LST															-Similar to general description. Several quartz +/- carbonate veins present (<3cm) at ~50° to core axis. One small clot of pyrite noted (<1cm across), associated with quartz vein.	
28.93	42.15	13.22					SCH		LT	GN	FO			SER	4I								Quartz-Muscovite Schist; Pale grey green, strongly sericite altered quartz-muscovite schist (possible fault zone?). Patchy foliation at ~50° to core axis and weakly calcareous. Zones of massive to fine grained limestone also present. Sharp contacts at ~30° to core axis.
														CHL	2I		0.30						Low veining density. Calcite veinlets (<1cm) and patches present.
																							Trace-minor pyrite, occurring as fine disseminated grains in localized zones.
			28.93	30.43	1.50									SER	3I						X		Soft but fairly competent core rock with fracturing at ~50° to core axis.
														CHL	2I								-Interbedded fine grained limestone and muscovite schist, strongly calcareous matrix.
			30.43	32.96	2.53		SCH														X		-Similar to general description.
			32.96	33.53	0.57		LST		LT	GY			2I				--						-Band of grey massive to fine grained, weakly silicified limestone. Slight irregular contacts at ~60° and ~40° to core axis. No significant sulphides.
			33.53	36.52	2.99		SCH																-Similar to general description.
			36.52	39.73	3.21		LST		LT	GY			2I				--						-Massive to fine grained, weakly silicified limestone. Sharp contacts at ~50° to core axis. No significant sulphides.
			39.73	42.15	2.42		SCH				FO			SER	3I								-Similar to general description, with decreased sericite alteration and more strongly foliated at ~50° to core axis. Weak-moderately calcareous matrix.
42.15	47.69	5.54					LST		LT	GY	BX		3I	SER	1I								Limestone; Light-medium grey, weak-moderately silicified limestone. Appears to be weak-moderately brecciated and healed.
																	--						Low-moderate vein density with mostly narrow white veinlets (<0.5cm) at ~40-50° to core axis - calcite +/- quartz.
																							No significant sulphides noted.
			42.15	46.15	4.00																		Moderately hard and competent core rock with minor fracturing at ~50° to core axis.
			46.15	46.93	0.78		LST		MD	GY	FO												-Similar to general description - massive limestone.
							SCH		MD	GN	PO												-Interval of dark grey, fine grained limestone and strongly chlorite/sericite altered micaceous schist. No significant sulphides noted. Weak foliation at ~50° to core axis.
			46.93	47.69	0.76																		
																							-Similar to general description.
47.69	55.73	8.04					LST		LT	GY	BX		3I										Brecciated Limestone; Similar to 42.15-47.69m - grey, moderately silicified limestone. Moderate-strongly brecciated, healed with irregular narrow carbonate veinlets.
																							Difficult to determine veining density, but narrow white quartz +/- carbonate veinlets noted (<1cm), often blocky and discontinuous.
																	0.30		Po	1.00			Several localized bands of massive sulphides (<70cm), otherwise trace amounts of fine disseminated pyrite throughout the remainder of the interval.
			47.69	48.31	0.62																		Blocky core rock with fracturing commonly at ~50-60° to core axis.
			48.31	49.67	1.36									CLY	3I	0.50							-Similar to general description.
			49.67	51.96	2.29									SER	2I								-Strongly brecciated, clay altered zone. Foliation at ~60-65° to core axis. Trace disseminated pyrite noted.
			51.96	52.77	0.81		VEN			BR	MA						60.00		Po	20.00			-Similar to general description, but with blocky, highly fractured core rock.
																							-"Vein" - band of massive sulphides hosted in strongly silicified limestone. Contacts at ~75° to core axis. Dominantly pyrite with pyrrhotite bands, increasing pyrrhotite moving downhole. Vuggy pyrite. Trace chalcopyrite(?).

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type	Conc. (%)		
			52.77	53.27	0.50																-Similar to general description.
																					-"Vein" - similar to 51.96-52.77m. Zone of vuggy pyrite (replacement?) and zone of massive sulphides, dominantly pyrrhotite. "Foliation"(?) at ~45° to core axis. Host rock may be a schist band(?).
			53.27	54.21	0.94	VEN				BR	MA					40.00		Po	20.00	X	-Similar to general description.
			54.21	55.72	1.51																
55.72	71.10	15.38					LST		LT	GY			2I	SER	2I						Limestone; Similar to 42.15-47.69m. Light grey/pale green, fine grained , weakly silicified and sericite altered limestone. Minor zones that appear to be weakly brecciated but healed.
																					Low vein density, with narrow calcite veinlets (<0.5cm) at ~45-50° to core axis.
																--	--				No significant sulphides noted.
																					Moderately hard but competent core rock, minor fracturing at ~40-50° to core axis.
			55.72	61.71	5.99																-Similar to general description, with zones of brecciation in possible quartz +/- carbonate veinlets (<1cm).
			61.71	64.31	2.60									SER	3I						-Similar to general description, with increased sericite alteration. Increased fracturing/veinlets, oriented at ~45° to core axis. No significant sulphides.
			64.31	65.36	1.05	VEN				BR	MA					5.00		Po	65.00		-"Vein" - band of massive sulphides hosted in strongly silicified band. Contacts at ~50° and ~70° to core axis.
			65.36	68.35	2.99				--	WH											-Similar to general description - massive to fine grained limestone.
			68.35	68.63	0.28				LT	GN				SER	4I						-Interval of strongly sericite altered/gougey zone, oriented at ~55° to core axis.
			68.63	71.10	2.47				LT	GN				SER	2I						
														CHL	3I						-Similar to general description, with moderate foliation with chlorite wisps at ~40° to core axis.
71.10	104.17	33.07					SCH	FG	MD	BN	FO			SER	2I						Quartz-Muscovite-Biotite Schist; Moderate-strongly foliated quartz-muscovite-biotite schist. Foliation at ~65° to core axis. Moderate sericite and chlorite altered matrix. Black specks (<0.2cm) noted throughout matrix (biotite?) and clots of white calcite (<0.5cm).
														CHL	2I						Moderate-high vein density, generally white calcite veinlets (<1cm) along foliation planes at ~50-60° to core axis.
																0.50		Po	0.70		Trace pyrite throughout interval with one massive sulphide band (~60cm) at upper contact. Otherwise sulphides occur as fine disseminated grains.
																					Moderately hard and competent core rock, fracturing generally along foliation planes. Several small, strongly clay/gouge altered zones present (<1m).
			71.10	71.72	0.62	VEN				BR	MA					5.00		Po	70.00		-"Vein" - band of semi-massive to massive sulphides. Contacts at ~40° and ~50° to core axis. Dominantly pyrrhotite with scattered pyrite veinlets (<0.5cm).
			71.72	74.39	2.67									SER	3I	10.00					-Similar to general description. Blocky core rock likely due to low angle (<10° to core axis) calcite veinlet, becoming more solid moving away from veinlet. Pyrite is carried in present, carried in calcite veinlet as well as sulphide only veinlets.
			74.39	77.02	2.63																-Similar to general description. Speckled and moderate foliated matrix at ~50° to core axis. Black specks are biotite "books" (<0.3cm), No significant sulphides noted.
			77.02	78.08	1.06				LT	GN	BX			SER	3I						-Similar to general description with more intense sericite and chlorite altered matrix. Interval has mixed/brecciated appearance. Granular gouge at ~60° to core axis.
			78.08	87.28	9.20					GY	FO										-Similar to general description - moderate-strongly foliated at ~40-60° to core axis. Increased calcite clots, elongated along foliation planes (<0.7cm). No significant sulphides.
			87.28	88.44	1.16				LT	GY	BX			SER	3I						-Similar to 77.02-78.08m 0 more intensely sericite altered mixed/brecciated interval. Bands of granular gouge (<3cm) present at ~55° to core axis. At 87.73-88.07m, band of white massive limestone, carrying trace pyrite. Contact at ~50° to core axis.
			88.44	89.33	0.89																-Similar to general description.
			89.33	89.98	0.65									SER	3I						-Band of stronger clay/sericite alteration. Granular gouge at ~70° to core axis. Appears to be associated with quartz veining structures.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other						
														Type	Intensity			Type	Conc. (%)					
														CLY	2I								-Similar to general description. Strongly foliated at ~60° to core axis. Discontinuous quartz +/- carbonate veinlets common.	
			89.98	92.98	3.00																			-Interval with increased sericite alteration and one band of coarse granular gouge at ~65° to core axis. Crenulated schist matrix.
			92.98	93.48	0.50					GN				SER	3I									
			93.48	99.22	5.74									CHL	2I							X		-Similar to general description.
			99.22	99.72	0.50	FEL				GN	PO		3I	SER	3I	0.30		Po	1.00					-Felsic dyke - quartz-feldspar porphyritic unit, cross-cut by quartz vein. Contacts at ~65-70° to core axis. Trace-minor sulphides.
			99.72	103.63	3.91																			-Similar to general description.
			103.63	104.17	0.54								2I	SER	2I	0.50								-"Contact zone" with increased sulphide bands. Crenulated matrix.
104.17	114.85	10.68					FEL		LT	GY	PO			SER	1I									Felsic Dyke; Speckled grey quartz-feldspar porphyritic felsic dyke. Very weakly foliated at ~55° to core axis. Matrix is weakly sericite and chlorite altered.
									MD	GY				CHL	1I									Low-moderate vein density, often narrow white calcite veinlets (<0.5cm) with pale green envelopes.
																0.20								Trace pyrite noted, occurring in sulphide veinlets (<0.2cm) and disseminated grains.
																								Competent core rock, minor fracturing at ~60° to core axis.
			104.17	105.11	0.94				LT	GN			2I	SER	3I									-Contact zone - with one quartz vein (~5cm) and increased sericite alteration and weakly bleached matrix.
			105.11	108.54	3.43									CHL	2I									-Similar to general description with occasional dark green bands (chlorite?)
			108.54	109.99	1.45								2I	SER	2I									-Similar to general description. Slightly bleached matrix with quartz vein (~1cm) oriented at ~60° to core axis.
			109.99	112.78	2.79																			-Similar to general description.
			112.78	113.01	0.23		SCH		DK	GY							0.20							-Band of dark grey, moderately foliated schists, oriented at ~60° to core axis. Trace pyrite.
			113.01	113.71	0.70									CHL	2I	0.50								-Similar to general description. Pyrite blebs noted in matrix.
			113.71	114.85	1.14				LT	GN				SER	3I									-Contact zone - increased sericite alteration. Lower contact at ~50° to core axis.
114.85	119.44	4.59					LST			GY														Interbedded Quartz-Muscovite-Biotite Schist and Limestone; moderate foliated medium brown quartz-muscovite-biotite schist and grey limestone. Foliations at ~70° to core axis.
							SCH		DK	GY	FO			SER	1I									Biotite flecks noted in lighter coloured bands
									MD	GN				CHL	1I									Low vein density, dominantly narrow calcite veinlets (<0.2cm) at ~30° and ~70° to core axis.
																0.10								Trace pyrite, fine disseminated grains noted and rare discontinuous veinlets.
																								Competent core rock with fracturing along foliation planes.
			114.85	116.93	2.08				MD	GN				CHL	3I									-Similar to general description, but matrix has green colouring, indicative of increased chlorite alteration - contact zone(?).
			116.93	118.78	1.85																			-Similar to general description.
			118.78	119.44	0.66				MD	GN			2I											-Similar to general description with slight increase in silicification.
119.44	124.11	4.67					FEL		MD	GY	PO			CHL	2I									Felsic Dyke; Similar to 104.17-114.85m. Speckled green-grey quartz-feldspar porphyritic felsic dyke. Moderate strongly foliated at ~60° to core axis with chlorite wisps. Moderately chlorite altered matrix with sub rounded quartz eyes (<0.5cm).
																0.10								Low vein density, generally narrow white calcite veinlets (<0.5cm) at ~30° to core axis.
																								Rare-trace disseminated pyrite grains, occasionally in narrow veinlets.
																								Competent core rock with minor fracturing at ~70° to core axis.
			119.44	120.13	0.69									SER	2I									-Slightly bleached zone - increased sericite. Associated with quartz vein, oriented at ~50° to core axis.
			120.13	122.46	2.33																			-Similar to general description.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type	Conc. (%)		
			122.46	123.61	1.15								2I	CHL	3I	0.70					-Similar to general description with increased silicification and amount of quartz eyes in matrix. Pyrite carried in quartz veinlets (<1cm).
			123.61	124.11	0.50								3I								-Zone of silica flooding, almost texturally destructive.
124.11	142.94	18.83					FEL		MD	GN	PO			SER	2I						Quartz-Muscovite-Biotite Schist intruded by Felsic Dyke; Strongly foliated, medium-dark brown quartz-muscovite-biotite schist, foliated at ~70° to core axis, intruded by quartz-feldspar porphyry dyke, generally at ~40-50° to core axis. Weak-moderate chlorite and sericite alteration overall, increasing moving downhole.
							SCH		DK	BN	FO			CHL	2I			Bi	20.00		Low-moderate vein density with dominantly narrow white calcite veinlets (<0.5cm) and larger grey quartz veins (up to ~35cm). Generally oriented at ~30-40° to core axis.
									MD	GN						0.50					Trace sulphides, dominantly pyrite. Disseminated grains in schist and narrow veinlets in felsic dyke.
																					Fairly competent core rock with fractures mostly occurring along foliations in schist unit. Several bands (<10cm) of strong sericite/clay/gouge zones.
			124.11	125.56	1.45		SCH											BI	25.00		-Similar to general description with little to no chlorite alteration. Higher biotite content. No significant sulphides noted.
			125.56	126.37	0.81		FEL						2I	SER	3I						-Similar to general description - slightly silicified quartz-feldspar porphyry dyke. Sharp contacts at ~40° and ~70° to core axis.
			126.37	127.22	0.85		SCH											BI	25.00		-Similar to 124.11-125.56m, strongly foliated mica schist with high biotite content.
			127.22	127.75	0.53		FEL							SER	3I	0.50					-Similar to general description - felsic dyke with slight increase in sericite alteration. Contacts at ~60° to core axis. Rare sulphide clots (<0.5cm).
			127.75	128.29	0.54		SCH						3I								-Similar to general description - micaceous schist with slight increase in silicification.
			128.29	129.84	1.55		FEL						4I								-Moderate-strongly silicified quartz-feldspar porphyry dyke. Contacts at ~45° to core axis. Increased grey quartz veins (up to 1cm) at ~60° to core axis.
			129.84	131.10	1.26		SCH		MD	GN				CHL	3I						-Moderate-strongly foliated schist at ~70° to core axis. Medium green, chlorite altered matrix. Increased grey-white chlorite clots. No significant sulphides.
			131.10	131.34	0.24		SCH							SER	5I						-Band of strongly sericite altered schist. Coarse granular gouge at ~45° to core axis - fault zone(?).
			131.34	134.61	3.27		FEL		LT	GN						0.70					-Similar to general description - weakly sericite altered quartz-feldspar porphyry dyke. Contact at ~60° to core axis. Pyrite veinlets noted throughout (<0.5cm). Solid core rock but fractured/blocky approximate 40 cm to lower contact.
			134.61	136.65	2.04		SCH		MD	GN				CHL	3I						-Similar to 129.84-131.10m - chlorite altered schists. Foliation at ~60° to core axis.
			136.65	139.21	2.56		FEL		LT	GN				SER	3I	0.50					-Similar to general description - weakly sericite altered quartz-feldspar porphyry dyke. Contact at ~70° to core axis. Trace pyrite.
			139.21	139.92	0.71		VEN						5I			1.00					-Quartz vein with sharp contacts at ~25° and ~60° to core axis. High muscovite content in host rock. Pyrite noted along contacts.
			139.92	142.94	3.02		SCH														Similar to general description - micaceous schist.
142.94	179.24	36.30					FEL	MG	MD	GY	PO		2I	CHL	1I						Felsic Dyke(?); Light-medium green-grey quartz-feldspar porphyry. Varying intensity of chlorite alteration but pervasively silicified.
									MD	GN							0.50	Po	0.20		Low-moderate vein density with quartz +/- carbonate veinlets/veins (up to 2cm) at ~55° to core axis.
																					Trace sulphides, finely disseminated or in narrow veinlets (<0.1cm)
																					Hard competent core rock with rare fractures at ~65° to core axis.
			142.94	146.34	3.40					WH	MA		3I	CHL	2I						-Similar to general description - but bleached matrix with dark green narrow chlorite veinlets (<0.1cm). Weakly foliated at ~50° to core axis. Two bands of strongly chlorite altered schist bands at 143.65-144.20m and 144.56-144.85m. Contacts and foliation at ~50° to core axis.
			146.34	148.03	1.69				MD	GN				CHL	3I						-Similar to general description with slight increase in chlorite alteration.
			148.03	149.70	1.67				LT	GY			2I								-Similar to general description with patchy zones of strong silicification. Quartz eyes (<0.7cm) common.
			149.70	150.36	0.66				LT	GN				CHL	2I						-Similar to general description - interval of increased chlorite altered matrix.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other						
														Type	Intensity			Type	Conc. (%)					
			150.36	153.24	2.88				MD	GY			3I									-Similar to general description - slightly increased silicification of matrix.		
			153.24	153.61	0.37				LT	GN				SER	3I	0.70							-Similar to general description - increased sericite alteration, associated to grey quartz vein at ~55° to core axis. Weakly calcareous matrix. Narrow pyrite veinlets noted.	
			153.61	155.71	2.10				MD	GY													-Similar to general description.	
			155.71	157.21	1.50				LT	GN				SER	3I	1.00				X			-Similar to general description - minor increase in sericite - envelopes to quartz +/- carbonate vein zone at 156.55-157.02m, oriented at ~40° to core axis. Foliation at ~60° to core axis. Vein zone has mixed/brecciated textures and has strong chlorite altered matrix. Slight increase in pyrite (in veinlets, <0.2cm).	
			157.21	158.91	1.70				LT	GY				CHL	2I									-Similar to general description.
			158.91	162.34	3.43					WH			3I	CHL	3I	1.00								-Similar to 142.94-146.34m. Bleached and moderate silicified matrix with dark green wisps and specks throughout (chlorite?). Increased veining density, generally quartz-carbonate veinlets (<1cm) with dark green envelopes (<0.2cm), oriented at ~35° to core axis. Sulphides carried in veining structures.
			162.34	163.80	1.46		SCH		MD	GN	FO			SER	3I									-Interval of strongly foliated and chlorite/sericite altered micaceous schist. Foliation at ~50° to core axis. Weakly calcareous matrix. Blocky core, fractures along foliation planes.
			163.80	165.44	1.64					WH			3I											-Similar to 158.91-162.34m - strongly silicified matrix. No significant sulphides.
			165.44	165.96	0.52		SCH		MD	GN	FO			CHL	3I	0.30								-Chlorite altered, foliated schist with quartz vein (~2.5cm) at ~45° to core axis. Trace pyrite noted in quartz vein.
			165.96	167.25	1.29				MD	GY			3I											-Similar to general description - slight increase in silicification.
			167.25	168.32	1.07		SCH		LT	GN				SER	3I									-Quartz-muscovite-biotite schist, foliation at ~40° to core axis. Contacts at ~50° to core axis. No significant sulphides.
			168.32	171.73	3.41				LT	GY			3I	CHL	2I	0.30								-Similar to general description - slight increase in silicification. Weak-moderate foliation noted at ~50° to core axis.
			171.73	174.63	2.90				MD	GY						0.20				X				-Similar to general description - moderate foliation at ~50° to core axis. Rare veinlet with weak alteration envelopes.
			174.63	175.44	0.81				MD	GN				SER	3I	0.50								-Similar to general description - sericite alteration envelop to quartz +/- carbonate vein at 174.87-175.99m, oriented at ~35° to core axis. Pyrite carried at vein contact.
			175.44	176.62	1.18				MD	GY														-Similar to general description - weak foliation at ~35° to core axis. No significant sulphides.
			176.62	179.24	2.62				LT	GY			3I			0.10								-Similar to general description - increased silicification gives matrix a bleached appearance. Weak foliation is defined by dark green (chlorite?) wisps at ~65° to core axis. Trace sulphides seen on fracture surfaces.
179.24	202.69	23.45					SCH	MG	MD	BN	FO		2I	SER	1I									Quartz-Muscovite-Biotite Schist; Medium-dark brown and grey, strongly foliated quartz-muscovite-biotite schist. Foliation at ~65° to core axis. Patches with varying biotite content and weak-moderate silicification of matrix.
									MD	GY						0.10								Low veining density. Rare-trace amounts of quartz +/- carbonate veinlets (<0.5cm) along foliation.
			179.24	187.47	8.23															X				Rare sulphides - finely disseminated pyrite grains scattered in the matrix.
			187.47	189.20	1.73				LT	GY			3I											Fairly competent core rock with minor fracturing along foliation at ~60° to core axis.
			189.20	190.49	1.29		FG		MD	GN				CHL	3I									-Similar to general description - slightly bleached matrix with more prominent biotite grains. Foliation at ~70° to core axis.
			190.49	195.33	4.84				MD	GY														-Medium green, fine grained, moderate chlorite altered schist. No foliation noted.
			195.33	195.55	0.22								4I											-Similar to 187.47-189.20m. Speckled matrix with biotite books (<0.3cm). Moderate-strongly foliated at ~60° to core axis.
																								-Mixed and brecciated quartz vein, weakly oriented at ~30° to core axis. No significant sulphides.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other				
														Type	Intensity			Type	Conc. (%)			
			195.55	198.18	2.63				LT	GY											-Similar to general description. Weak-moderately foliated at ~45° to core axis. Low angle veinlets or crenulations noted.	
			198.18	200.51	2.33																-Similar to 187.47-189.20m. Speckled matrix, biotite books (<0.7cm). Weak foliation at ~55° to core axis.	
			200.51	201.46	0.95			FG	MD	GY											-Strongly foliated and weakly crenulated schist, foliated at ~55° to core axis.	
			201.46	202.21	0.75		FEL						4I								-Strongly silicified felsic dyke. Contacts at ~55° to core axis. Narrow veinlets at ~50° to core axis.	
			202.21	202.69	0.48			FG					3I								-Similar to general description - strongly foliated matrix with grey-white calcite blebs along foliation at ~55° to core axis.	
202.69	210.11	7.42					FEL		MD	GY	PO		2I	CHL	2I							Felsic Dyke; Medium green and grey, weakly foliated quartz-feldspar porphyritic unit. Foliation at ~60° to core axis. Moderate silicified and chlorite altered matrix. Quartz eyes noted (<0.7cm, sub rounded).
																0.20						Low vein density, quartz +/-carbonate veinlet (<0.7cm) at ~25° to core axis.
																						Trace-minor sulphides, dominantly pyrite occurring in fine veinlets (<0.2cm),
			202.69	205.11	2.42																	Competent core rock, minor fracturing at ~65° to core axis.
																						-Similar to general description.
			205.11	205.58	0.47		SCH		MD	BN				SER	2I							-Medium brown, strongly foliated muscovite schist. Foliation at ~65° to core axis. No significant sulphides.
			205.58	210.11	4.53																	-Similar to general description.
210.11	217.36	7.25					FEL		MD	GN	PO		3I	CHL	3I							Felsic Dyke; Moderately silicified and chlorite altered quartz-feldspar porphyritic dyke. Patchy zones of varying intensity of alteration with gradational "contacts".
									DK	GN				SER	2I							Low-moderate vein density, dominantly quartz +/- carbonate veinlets (<1cm) at ~45° to core axis.
																0.30						Trace-minor sulphides, generally occurring as narrow veinlets (<0.5cm) and disseminated grains in localized clusters.
																						Competent core rock with minor fracturing at ~60° to core axis. One zone of coarse granular gouge noted (approximately 30cm wide).
			210.10	210.76	0.66																	-Similar to general description.
			210.76	210.84	0.08		VEN			WH			4I			0.70						-Quartz-carbonate vein, carrying blebby pyrite, oriented at ~75° to core axis.
			210.84	212.16	1.32					GN			4I	SER	3I	0.50						-Moderate-strongly silicified interval, almost texturally destructive with white-grey quartz vein at 211.59-211.67m at ~50° to core axis.
			212.16	214.83	2.67				DK	GN				CHL	4I	1.00						-Similar to general description with increased chlorite alteration of matrix with patchy mixed quartz vein zones (up to ~20cm wide). Minor amounts of sulphides noted.
			214.83	215.16	0.33		SCH		LT	GY				SER	4I							-Strongly sericite/clay altered interval, possibly hosted in micaceous schist. Fine-coarse granular gouge at ~65° to core axis. Rare sulphides.
			215.16	216.47	1.31		SCH		MD	BN	FO			CHL	3I							-Moderately foliated and crenulated muscovite-biotite schist. Foliation at ~65° to core axis. Slightly blocky core rock with rare sulphides.
			216.47	217.36	0.89																	-Similar to general description.
217.36	263.65	46.29					SCH		MD	BN	FO		1I	CHL	2I							Quartz-Muscovite-Biotite Schist; Moderate-strongly foliated and crenulated quartz-muscovite-biotite schist. Patchy zones of varying chlorite alteration intensity and weak pervasive silicification. Foliation at ~60-70° to core axis.
									MD	GY						0.10	Po	0.10				Low veining density, generally white calcite veinlets (<0.5cm) at ~50-55° to core axis of along foliation or crenulation bands.
																						Rare sulphides noted occurring as small blebs (<0.3cm) or carried in calcite veinlets.
																						Fairly competent core rock with minor zones of blocky core. Fracturing dominantly along foliation or veining structures.
			217.36	219.11	1.75				DK	GN				CLY	2I							-Similar to general description with slightly blocky core with minor clay content on fracture surfaces. Quartz vein at 218.82-218.86m at ~70° to core axis.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other					
														Type	Intensity			Type	Conc. (%)				
			219.11	219.23	0.12				LT	GY				SER	4I							-Strongly sericite altered interval. Coarse granular gouge at ~75° to core axis. High muscovite content noted. No significant sulphides seen.	
			219.23	222.00	2.77		FEL		LT	GN	PO		3I	SER	2I								-Light green, moderately silicified and sericite altered quartz-feldspar porphyritic felsic dyke. Matrix shows weak foliation at ~55° to core axis. Weakly gradational contacts at ~70° and ~60° to core axis. Increased grey quartz veinlets (<1cm). No significant sulphides.
			222.00	222.88	0.88				MD	GY													-Similar to general description - strongly foliated muscovite rich schist with elongated calcite clots (<0.3cm). Foliation at ~65° to core axis.
			222.88	223.24	0.36		FEL		LT	GN	PO		3I	SER	2I								-Silicified felsic dyke. Contacts at ~65° and ~70° to core axis with quartz veinlets.
			223.24	223.75	0.51				MD	GY													-Similar to general description.
			223.75	224.43	0.68		FEL		LT	GN			3I										-Similar to 222.88-223.24m. Silicified felsic dyke. Contacts at ~75° to core axis. Weakly foliated matrix at ~65° to core axis.
			224.43	226.51	2.08			FG	MD	BN													-Similar to general description - weakly silicified, weakly foliates schist. Two silicified felsic dykes at 225.05-225.19m and 225.93-226.18m at ~60° to core axis.
			226.51	230.67	4.16				MD	BN			2I								X		-Similar to general description - high biotite content and strongly crenulated matrix. Weakly calcareous.
			230.67	232.04	1.37				LT	GY			2I	SER	2I								-Similar to general description - moderately crenulated matrix with weakly silicified and sericite altered matrix.
			232.04	235.19	3.15				MD	BN			2I										-Similar to general description - weak-moderately silicified matrix. Moderately foliated and crenulated at ~55° to core axis. Patchy zones of slightly stronger silicification.
			235.19	236.23	1.04				LT	GN	FO			SER	2I		0.10						-Similar to general description. Slightly bleached, moderately foliated and crenulated at ~60° to core axis. Trace sulphides (finely disseminated grains).
			236.23	237.74	1.51				MD	GN													-Similar to general description. Foliation at ~60° to core axis.
			237.74	238.88	1.14				LT	GN				SER	3I								-Similar to general description - strongly foliated at ~50° to core axis. Moderately sericite altered and calcareous matrix.
			238.88	244.36	5.48			FG	MD	GY	FO		3I	SER	2I		0.20						-Similar to general description. Fine grained, moderately silicified matrix, foliated at ~65° to core axis. Trace pyrite veinlets.
			244.36	245.14	0.78			MG	LT	GN													-Bleached and weakly silicified, moderately calcareous matrix. Foliated at ~65° to core axis.
			245.14	247.81	2.67				MD	BN				CHL	2I								-Similar to general description - crenulated matrix. Foliation at ~70° to core axis. Moderate biotite content.
			247.81	249.09	1.28				LT	GN				CHL	3I								-Similar to general description - calcareous matrix, chlorite and sericite alteration present. Foliation at ~60° to core axis.
			249.09	252.03	2.94				MD	BN			2I										-Similar to general description. Foliated and crenulated matrix.
			252.03	257.87	5.84				MD	GY	FO		2I	CLY	2I								-Strongly foliated and crenulated schist with weakly bleached and silicified matrix. Foliated at ~65° to core axis. Large elongated quartz eyes (<1cm).
			257.87	261.11	3.24				LT	GY			3I										-Silicified muscovite-biotite schist. Foliation at ~75° to core axis. Calcite veinlets (<0.3cm) at ~40° to core axis.
			261.11	263.65	2.54				LT	GY			1I										-Similar to 252.03-257.87m. Decreased silicification and moderate-strongly calcareous matrix. Patchy zones of strong silica flooding (quartz veins?) at 262.02-262.20m.
																							EOH @263.65m

Secondary Structure Log

Hole: QB-12-02

Logger Name:

Date: September 14, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	5.90	6.50	47.00		1.00				
VT	16.00	16.62	50.00						
VN	22.36	23.00	0.00		1.00			Along with foliation.	
VN	26.30	28.46	50.00	0.00	3.00			Along with foliation.	
VN	32.40	33.00	58.00	110.00	1.00				
VT	36.58	37.25	52.00	80.00	4.00				
VT	46.41	47.15	80.00		1.00				
VN	54.00	54.50	74.00	100.00	1.00				
VT	58.51	59.10	34.00		2.00				
VT	60.96	61.71	30.00		1.00				
VN	70.10	71.00	75.00	0.00	2.00				
VN	81.00	81.69	15.00	105.00	1.00				
VT	85.45	86.25	75.00	0.00	1.00			Along with foliation.	
VT	98.00	98.60	39.00	27.00	2.00				
VT	98.60	98.87	23.00	45.00	1.00				
VT	103.16	103.63	42.00		1.00				
VT	111.00	113.57	30.00	85.00	5.00				
VN	114.15	114.65	39.00	100.00	1.00				
VT	119.77	120.30	45.00	120.00	1.00				
VT	122.85	123.30	15.00	95.00	1.00				
VN	128.98	130.00	68.00	0.00	2.00			Along with foliation.	
VT	134.11	135.29	30.00	0.00	2.00			Along with foliation.	
VN	139.00	140.11	38.00	0.00	2.00			Along with foliation.	
VT	141.90	142.20	8.00	0.00	1.00				
VT	141.90	142.20	15.00	0.00	1.00			This veinlet crosses the previous veinlet.	
VT	143.89	144.35	25.00	55.00	1.00				
VT	143.89	144.35	15.00	0.00	1.00			Along with foliation.	
VT	145.01	145.84	20.00		2.00				
VT	146.45	149.00	25.00		3.00				
VT	148.85	149.10	27.00		1.00				
VT	153.88	154.63	8.00		1.00				
VT	157.00	158.17	30.00		2.00				

Secondary Structure Log

[illegible]

Density Log

Hole: QB-12-02

Date: September 14 2012

[illegible]

Sample Log

Hole: QB-12-02

Date: September 14 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Weight (kg)			Comments
0.00	0.79	0.79			N/S					Casing; no recovery.
0.79	20.14	19.35			N/S					
20.14	22.11	1.97	1.96	99.5	K191990	4	6.60			
22.11	24.38	2.27	2.27	100	K191991	4	7.30			
24.38	26.65	2.27	2.25	99.1	K191992	4	7.40			
--	--				K191993	4	0.30			Standard: CDN-ME-8
26.65	28.93	2.28	2.26	99.1	K191994	4	7.50			
28.93	30.48	1.55	1.52	98.1	K191995	4	5.00			
30.48	32.96	2.48	2.48	100	K191996	4	8.10			Strongly sericite altered schist
--	--				K191997	4	3.00			Blank
32.96	34.70	1.74	1.73	99.4	K191998	4	5.60			Strongly sericite altered schist
34.70	36.52	1.82	1.82	100	K191999	4	5.80			
36.52	46.15	9.63			N/S					
46.15	47.69	1.54	1.50	97.4	K192000	4	5.40			
47.69	49.67	1.98	1.85	93.4	L828108	4	6.60			
49.67	51.96	2.29	2.10	91.7	L828109	4	7.70			
51.96	53.61	1.65	1.62	98.2	L828110	4	6.70			Semi massive sulphides.
--	--				L828111	4	0.00			Coarse reject duplicate
53.61	54.21	0.60	0.60	100	L828112	4	2.70			Massive sulphides
54.21	55.72	1.51	1.48	98	L828113	4	5.30			
55.72	57.53	1.81	1.80	99.4	L828114	4	6.40			
57.53	59.80	2.27	2.27	100	L828115	4	8.10			
59.80	62.10	2.30	2.30	100	L828116	5	7.90			
62.10	64.36	2.26	2.24	99.1	L828117	5	7.60			
64.36	65.36	1.00	1.00	100	L828118	5	5.20			Massive sulphides
--	--				L828119	5	3.00			Blank
65.36	68.35	2.99	2.96	99	L828120	5	9.90			
68.35	71.10	2.75	2.73	99.3	L828121	5	9.20			
71.10	71.72	0.62	0.62	100	L828122	5	3.80			Massive sulphides
--	--				L828123	5	3.00			Blank
71.72	74.39	2.67	2.56	95.9	L828124	5	9.10			Sulphide veinlets
74.39	76.20	1.81	1.78	98.3	L828125	5	6.20			
76.20	85.34	9.14			N/S					
85.34	87.28	1.94	1.93	99.5	L828126	5	6.40			
87.28	88.44	1.16	1.07	92.2	L828127	5	3.70			Gouge/fault(?) zone
--	--				L828128	5	0.30			Standard: CDN-ME-8
88.44	89.98	1.54	1.54	100	L828129	5	5.40			
89.98	92.48	2.50	2.46	98.4	L828130	5	8.40			
92.48	94.49	2.01	2.00	99.5	L828131	5	6.90			
94.49	111.78	17.29			N/S	5				
111.78	112.78	1.00	1.00	100	L828132	5	3.40			
--	--				L828133	5	1.50			Quarter split duplicate
112.78	114.85	2.07	2.03	98.1	L828134	5	7.00			
114.85	115.95	1.10	1.08	98.2	L828135	5	3.70			
115.95	118.78	2.83	2.83	100	L828136	5	9.70			

Sample Log

[illegible]

Geotechnical Log

e:QB-12-02

Tech Name: Kristina An

Date: September 14,2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCI Reactivity	Hardness	Strength	Weathering	Joint Sets						DESCRIPTION
											spacing	Attitude (tca)	Shape	Roughness	Weathering	Gouge	
0.00	0.76	0.76	0.00		0.00												Casing, no recovery.
0.76	1.52	0.76	0.76		0.00		3	2	1	4							
1.52	3.05	1.53	1.47		0.00		3	2	2	4	0.06	75	1	3	3	0	
3.05	4.57	1.52	1.52		0.39		3	3	3	3							
4.57	6.10	1.53	1.53		1.16		3	3	3	3							
6.10	7.62	1.52	1.52		0.78		3	3	3	3							
7.62	9.14	1.52	1.52		1.01		3	3	3	3							
9.14	12.19	3.05	3.05		0.97		3	3	3	3	0.1	85	1	2	2	0	
12.19	15.24	3.05	3.04		1.19		3	3	3	2	0.11	64	1	3	2	3	
15.24	18.29	3.05	3.01		1.64		3	3	3	1	0.12	62	1	2	1	0	
18.29	21.34	3.05	3.01		1.24		3	3	3	1	0.1	48	1	2	2	1	
21.34	24.38	3.04	3.04		1.76		3	3	3	1							
24.38	27.43	3.05	3.05		1.47		3	3	4	1							
27.43	30.48	3.05	3.05		1.77		3	3	3	1							
30.48	33.53	3.05	3.05		1.07		3	2	3	1	0.16	66	1	2	1	0	
33.53	36.58	3.05	3.05		1.72		3	3	3	1	0.2	65	2	3	1	0	
36.58	39.62	3.04	3.03		1.62		3	3	3	1							
39.62	42.67	3.05	3.05		1.07		3	3	3	1	0.1	64	1	2	1	1	
42.67	45.72	3.05	3.03		1.74		3	3	3	1							
45.72	48.77	3.05	3.05		1.24		1	3	3	1	0.12	50	1	2	1	0	
48.77	51.82	3.05	3.05		0.12		3	3	3	1							
51.82	54.86	3.04	3.04		1.28		0	3	3	1	0.11	63	1	3	1	0	
54.86	57.91	3.05	3.05		1.67		1	3	3	1							
57.91	60.96	3.05	3.05		1.87		3	3	3	1							
60.96	64.01	3.05	3.05		1.11		1	3	3	1							
64.01	67.06	3.05	3.02		2.00		3	3	4	1							
67.06	70.10	3.04	3.04		1.50		3	3	3	1	0.11	68	3	3	1	0	
70.10	73.15	3.05	3.05		1.35		3	3	4	1							
73.15	76.20	3.05	3.02		1.71		1	3	3	1	0.1	60	1	2	1	6	
76.20	79.25	3.05	3.04		1.24		3	3	3	1							
79.25	82.30	3.05	3.05		2.10		3	3	3	1	0.31	64	1	2	1	0	

Geotechnical Log

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	Joint Sets						DESCRIPTION
											spacing	Attitude (tca)	Shape	Roughness	Weathering	Gouge	
82.30	85.34	3.04	3.04		1.07		3	3	3	1	0.09	50	1	2	1	0	
85.34	88.39	3.05	3.05		0.50		3	3	3	1	0.11	68	1	2	1	0	
88.39	91.44	3.05	3.05		1.11		1	2	3	1	0.13	65	1	2	1	0	
91.44	94.49	3.05	3.05		1.77		1	3	3	1	0.28	74	1	2	1	0	
94.49	97.54	3.05	3.05		2.40		1	3	3	1	0.21	60	1	2	1	0	
97.54	100.58	3.04	3.04		1.82		1	3	3	1	0.16	67	1	2	1	0	
100.58	103.63	3.05	3.05		2.73		1	3	3	1							
103.63	106.68	3.05	3.05		1.62		0	3	3	1							
106.68	109.73	3.05	3.05		2.42		0	4	3	1							
109.73	112.78	3.05	3.00		2.40		0	4	3	1							
112.78	115.82	3.05	3.03		1.72		3	3	3	1							
115.82	118.87	3.05	3.05		1.68		1	3	3	1	0.2	72	1	2	1		
118.87	121.92	3.05	3.05		1.53		0	3	3	1	0.08	75	1	2	1	1	
121.92	124.97	3.05	3.05		1.73		0	3	3	1	0.11	81	1	2	1		
124.97	128.02	3.05	3.02		1.91		0	3	3	1	0.13	72	1	2	1		
128.02	131.06	3.04	3.04		1.48		1	3	4	1							
131.06	134.11	3.05	3.05		1.53		1	3	3	1							
134.11	137.16	3.05	3.05		0.47		1	3	3	1	0.11	68	1	2	1	1	
137.16	140.21	3.05	3.05		1.58		0	3	3	1							
140.21	143.26	3.05	3.05		1.40		1	3	3	1	0.07	84	1	2	1		
143.26	146.30	3.04	3.01		1.85		1	3	3	1	0.2	52	2	3	1		
146.30	149.35	3.05	2.72		2.03		0	4	4	1	0.13	88	1	2	1		
149.35	152.40	3.05	3.05		2.43		1	3	4	1							5 cm of stick-up.
152.40	155.45	3.05	3.05		2.64		1	3	4	1							
155.45	158.50	3.05	3.05		2.51		1	3	4	1	0.75	51	1	2	1		
158.50	161.54	3.04	3.01		2.46		1	3	4	1							
161.54	164.59	3.05	3.05		1.10		1	3	3	1	0.08	44	1	2	1		
164.59	167.64	3.05	3.05		1.09		1	3	4	1	0.1	66	3	3	1		
167.64	170.69	3.05	2.93		2.01		1	3	4	1							
170.69	173.43	2.74	2.74		2.40		0	3	4	1							
173.43	175.26	1.83	1.83		1.49		0	3	4	1							
175.26	178.31	3.05	3.03		2.44		0	3	4	1							
178.31	181.36	3.05	3.05		2.20		1	3	4	1	0.27	62	1	2	1	2	
181.36	184.40	3.04	3.04		2.65		0	3	3	1							

Geotechnical Log

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	Joint Sets						DESCRIPTION
											spacing	Attitude (tca)	Shape	Roughness	Weathering	Gouge	
184.40	187.45	3.05	3.05		2.63		0	3	3	1							
187.45	190.50	3.05	3.05		2.33		0	3	4	1	0.22	67	1	2	1		
190.50	193.55	3.05	3.02		2.61		0	3	3	1	0.3	60	1	2	1		
193.55	196.60	3.05	3.02		2.13		1	3	4	1	0.22	54	1	2	1	1	
196.60	199.64	3.04	3.04		2.87		0	3	4	1	0.27	62	1	2	1		
199.64	202.69	3.05	3.05		2.30		1	3	3	1	0.2	60	1	2	1	2	
202.69	205.74	3.05	2.98		1.53		1	3	3	1							

Hole:QB-12-02

Date:September 14,2012

Depth (m)	1° Structure Type	Angle (TCA)	COMMENTS	Depth (m)	1° Structure Type	Angle (TCA)	COMMENTS
3	FO	80		162.07	FO	50	
10.24	FO	71		166.41	FO	62	
11.89	FO	69		168.97	FO	69	
13.59	FO	55		171.61	FO	65	
17.03	FO	59		174.28	FO	60	
19.94	FO	50		177.81	FO	64	
22.63	FO	68		181	FO	70	
26.63	FO	50		183.16	FO	62	
29.07	FO	61		186.59	FO	59	
31.95	FO	50		188.81	FO	45	
34.31	FO	61		192.22	FO	73	
36.8	FO	40		195	FO	60	
40.09	FO	70		197.48	FO	51	
43.89	FO	48		200	FO	60	
49.41	FO	50		204.36	FO	70	
54.41	FO	61		206.51	FO	51	
65.73	FO	44		209.56	FO	58	
67.9	FO	50		212.5	FO	53	
72.78	FO	55		215.47	FO	66	
74.3	FO	72		217	FO	68	
78.89	FO	60		220.29	FO	60	
81.51	FO	65		223.07	FO	60	
84	FO	60		224.53	FO	68	
86.09	FO	75		227	FO	79	
89.05	FO	58		230.17	FO	51	
91.06	FO	77		233.21	FO	65	
94.15	FO	58		236.97	FO	61	
96.68	FO	60		238.19	FO	53	
99.88	FO	59		241.39	FO	69	
101.43	FO	48		243.69	FO	60	
103.79	FO	70		246.49	FO	55	
111.1	FO	49		249	FO	72	
114	FO	41		251	FO	55	
114.46	FO	67		253.91	FO	65	
117.28	FO	74		257.14	FO	60	
119.71	FO	70		259.98	FO	78	
122.93	FO	76		262.27	FO	78	EOH at 263.65 m.
124.54	FO	70					
127	FO	71					
131.02	FO	58					
135.05	FO	62					
140.05	FO	50					
142.09	FO	89					

PRIMARY STRUCTURE LOG

Depth (m)	1° Structure Type	Angle (TCA)	COMMENTS
144.63	FO	45	

Depth (m)	1° Structure Type	Angle (TCA)	COMMENTS

Magnetic Susceptibility Log

Hole:QB-12-02

Date: Sep-12

Depth (m)	Magnetic Susceptibility	DESCRIPTION
1.00	0.00	Rubble
2.00	0.00	Rubble
3.00	0.02	
4.00	0.03	
5.00	0.00	
6.00	0.06	
7.00	0.02	
8.00	0.02	
9.00	0.06	
10.00	0.02	
11.00	0.00	
12.00	0.04	
13.00	0.12	
14.00	0.02	
15.00	0.05	
16.00	0.00	
17.00	0.77	
18.00	0.00	
19.00	0.03	
20.00	0.00	
21.00	0.13	
22.00	0.14	
23.00	0.19	
24.00	0.13	
25.00	0.03	
26.00	0.00	
27.00	0.00	
28.00	0.08	
29.00	0.00	
30.00	0.03	
31.00	0.02	
32.00	0.00	
33.00	0.23	
34.00	0.01	
35.00	0.05	
36.00	0.00	
37.00	0.03	
38.00	0.00	
39.00	0.03	
40.00	0.02	
41.00	0.04	
42.00	0.04	
43.00	0.08	
44.00	0.06	
45.00	0.03	
46.00	0.00	
47.00	0.00	
48.00	0.05	
49.00	0.03	
50.00	0.07	

Depth (m)	Magnetic Susceptibility	DESCRIPTION
52.00	0.11	
53.00	0.03	
54.00	6.44	
55.00	0.04	
56.00	0.03	
57.00	0.08	
58.00	0.07	
59.00	0.18	
60.00	0.08	
61.00	0.12	
62.00	0.05	
63.00	0.13	
64.00	0.03	
65.00	3.98	
66.00	0.10	
67.00	0.00	
68.00	0.44	
69.00	0.04	
70.00	0.09	
71.00	0.04	
72.00	5.06	
73.00	0.74	
74.00	0.01	
75.00	0.83	
76.00	0.30	
77.00	0.29	
78.00	0.01	
79.00	0.08	
80.00	0.33	
81.00	0.46	
82.00	0.48	
83.00	0.26	
84.00	0.01	
85.00	0.09	
86.00	0.19	
87.00	0.18	
88.00	0.00	
89.00	0.20	
90.00	0.08	
91.00	0.13	
92.00	0.17	
93.00	0.16	
94.00	0.27	
95.00	0.37	
96.00	0.38	
97.00	0.08	
98.00	0.09	
99.00	0.00	
100.00	0.13	
101.00	0.11	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptibility	DESCRIPTION
51.00	0.11	
104.00	0.10	
105.00	0.00	
106.00	0.00	
107.00	0.00	
108.00	0.05	
109.00	0.01	
110.00	0.00	
111.00	0.05	
112.00	0.05	
113.00	0.11	
114.00	0.14	
115.00	0.14	
116.00	0.15	
117.00	0.28	
118.00	0.05	
119.00	0.24	
120.00	0.09	
121.00	0.10	
122.00	0.00	
123.00	0.16	
124.00	0.55	
125.00	0.04	
126.00	0.04	
127.00	0.16	
128.00	0.10	
129.00	0.04	
130.00	0.11	
131.00	0.25	
132.00	0.07	
133.00	0.00	
134.00	0.00	
135.00	0.13	
136.00	0.01	
137.00	0.09	
138.00	0.05	
139.00	0.06	
140.00	0.16	
141.00	0.29	
142.00	0.16	
143.00	0.00	
144.00	0.10	
145.00	0.00	
146.00	0.00	
147.00	0.44	
148.00	1.96	
149.00	0.11	
150.00	0.02	
151.00	0.12	
152.00	0.05	
153.00	0.07	

Depth (m)	Magnetic Susceptibility	DESCRIPTION
102.00	0.19	
103.00	0.21	
156.00	0.03	
157.00	0.02	
158.00	0.01	
159.00	1.08	
160.00	0.00	
161.00	0.11	
162.00	0.00	
163.00	0.18	
164.00	0.02	
165.00	0.00	
166.00	0.12	
167.00	0.00	
168.00	0.01	
169.00	0.14	
170.00	0.07	
171.00	0.10	
172.00	0.20	
173.00	0.10	
174.00	0.03	
175.00	0.04	
176.00	0.11	
177.00	0.33	
178.00	2.41	
179.00	0.64	
180.00	0.12	
181.00	0.25	
182.00	0.18	
183.00	0.00	
184.00	0.06	
185.00	0.04	
186.00	0.15	
187.00	0.55	
188.00	0.04	
189.00	0.00	
190.00	0.20	
191.00	0.33	
192.00	0.09	
193.00	0.01	
194.00	0.01	
195.00	0.25	
196.00	0.03	
197.00	0.12	
198.00	0.10	
199.00	0.34	
200.00	0.22	
201.00	0.30	
202.00	0.02	
203.00	0.03	
204.00	0.00	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptibility	DESCRIPTION
154.00	0.01	
155.00	0.05	
208.00	0.00	

Depth (m)	Magnetic Susceptibility	DESCRIPTION
205.00	0.03	
206.00	0.00	
207.00	0.00	

Box Log

Hole: QB-12-02

Box #	From (m)	To (m)
1	0.76	4.57
2	4.57	8.50
3	8.50	12.35
4	12.35	16.17
5	16.17	20.45
6	20.45	24.49
7	24.49	28.46
8	28.46	32.40
9	32.40	36.40
10	36.40	40.60
11	40.60	44.95
12	44.95	49.11
13	49.11	53.27
14	53.27	57.53
15	57.53	61.71
16	61.71	65.93
17	65.93	70.31
18	70.31	74.51
19	74.51	78.82
20	78.82	83.11
21	83.11	87.35
22	87.35	91.53
23	91.53	95.97
24	95.97	100.33
25	100.33	104.67
26	104.67	108.95
27	108.95	112.78
28	112.78	116.79
29	116.79	120.80
30	120.80	124.79
31	124.79	128.98
32	128.98	132.89
33	132.89	136.92
34	136.92	140.93
35	140.93	145.01
36	145.01	149.59
37	149.59	153.88
38	153.88	158.17
39	158.17	162.52
40	162.52	166.84
41	166.84	171.30
42	171.30	175.51
43	175.51	179.83
44	179.83	184.06
45	184.06	188.26
46	188.26	192.51

Date: September 14, 2012

[illegible]

QB

ZONE: _____

Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
		419320	6698500	1036	195.07

SECTION: _____

HOLE: QB-12-03

CLAIM: YB83143

Contractor: Beaudoin Diamond Drilling

Drill: _____

Core size: HQ

Casing depth: 0.95 (m) in / **out**

Drilling dates: August 26 - 28, 2012

Geology logged by: C. Chung

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	340	-45	compass				

TARGET: _____

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	0.95	0.95	CAS	
0.95	6.90	5.95	OVB	
6.90	11.45	4.55	FEL	
11.45	27.90	16.45	SCH	
27.90	28.82	0.92	FLR	
28.82	39.18	10.36	SCH	
39.18	42.70	3.52	FEL	
42.70	82.87	40.17	SCH	
82.87	87.43	4.56		mixed interval of limestone, felsic dyke and schist
87.43	107.78	20.35	SCH	
107.78	108.27	0.49	VEN	
108.27	129.28	21.01	SCH	
129.28	150.8	21.52	SCH	
150.8	155.15	4.35	FEL	
155.15	159.97	4.82	SCH	
159.97	176.03	16.06	SCH	
176.03	186.22	10.19	SCH	
186.22	195.07	8.85	SCH	

SAMPLES

Numbers: L840160 - L840200, L840251 - L840300

M6500540 - M6500543

Total: 78

Batch: 6 (28 only), 7, 8 (31 only)

Date Sent: _____

Certificate: WH12219229, WH2227174, WH12227175

COMMENTS

Intervals of core rock is shattered and rubble, likely due to transport from the property to Whitehorse for processing.

Geology Log

Hole: QB-12-03

Logger Name: C. Chung

Date: September 19 2012

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Type	Intensity	Pyrite		Type	Conc. (%)		
0.00	0.95	0.95	0.00	0.95	0.95	CAS	--	--	--	--	--	--	--			--	--				Casing; No recovery.
0.95	6.90	5.95	0.95	6.90	5.95	OVb				BN		4I				--	--				Overburden; Mixed interval of granitoid cobbles and brown and dark grey clay and granular gouge, clay and sand. Fragments show high biotite content.
6.90	11.45	4.55				FEL	MG	LT	GY	PO			2I	SER	2I						Felsic Dyke; Moderately silicified and sericite altered quartz-feldspar porphyritic felsic dyke. Weakly foliated matrix at ~50° to core axis.
								LT	GN								0.50				Low veining density, generally narrow white calcite veinlet and sulphide veinlets (<0.5cm), oriented at ~35° to core axis.
																					Trace-minor sulphides present in narrow veinlets.
			6.90	9.42	2.52																Competent core rock with minor fracturing, oriented at ~45° to core axis.
			9.42	11.45	2.03																-Similar to general description.
								MD	GY	PO			3I	SER	1I					X	-Similar to general description. Slight decrease in sericite but increased silicification of matrix. Increased muscovite at 11.21m to lower contact.
11.45	27.90	16.45				SCH	FG	MD	GY	FO			1I								Muscovite-Chlorite-Biotite Schist; Very fine-grained moderately foliated muscovite-chlorite-biotite schist. Foliation at ~45° to core axis. "Banding" noted, often distinguishing muscovite and biotite content. Chlorite noted.
								DK	BN								0.30				Low veining density. Rare calcite veinlets (<0.7cm) at ~40° to core axis with trace sulphides.
																					Trace-minor sulphides noted on fracture surfaces (occurring as narrow veinlets?)
			11.45	14.85	3.40																Fairly competent core rock. Minor fracturing along foliation.
			14.85	14.98	0.13	FEL		LT	GN	PO			3I								-Similar to general description.
			14.98	15.43	0.45																-Porphyritic quartz-feldspar felsic dyke. Contact at ~50° to core axis.
			15.43	15.79	0.36	VEN		LT	GY				5I								-Similar to general description.
																					-Quartz vein, oriented at ~45° to core axis. No significant sulphides.
			15.79	17.93	2.14			LT	GY				2I				0.70				-Similar to general description. Slight increase in silicification and weakly calcareous matrix.
																					Sulphide veinlets noted in this interval at ~65° to core axis.
			17.93	19.11	1.18			DK	BN				3I	CHL	2I					X	-Moderate-strongly silicified interval. Matrix is dark brown-grey with black and white specks (<0.3cm, biotite and calcite?). Narrow veinlets (<0.2cm) with bleached envelopes at ~35° to core axis.
			19.11	20.67	1.56			MD	GY												-Similar to general description.
																					-Felsic dyke at 21.02-21.03m with silicified "contact zones". Contacts at ~60° to core axis.
			20.67	21.42	0.75	FEL	MG	LT	GY				3I				0.50				Narrow pyrite veinlets at ~50° to core axis.
			21.42	24.04	2.62			LT	GY												-Similar to general description.
			24.04	24.72	0.68	FEL	MG	LT	GY	PO			3I	SER	2I						-Felsic dyke. Contacts at ~25° and ~60° to core axis. Weakly foliated lower contact zone.
			24.72	26.07	1.35		FG	MD	GY				2I				0.30				-Similar to general description. Slight increase in silicification. Sulphide veinlets present.
			26.07	27.90	1.83	FEL		MD	GN				2I	SER	2I	0.30		Gn	0.10		-Sericite altered quartz-feldspar porphyritic felsic dyke. Contacts at ~45° to core axis.
														CHL	2I			Li	0.10		Patchy chlorite altered matrix. Sulphides present in trace-minor amounts. Trace galena(?) seen in a fracture veinlet (<0.2cm) at ~30° to core axis. Limonite on fracture surfaces.
27.90	28.82	0.92	27.90	28.82	0.92	FLR		LT	GY	BX				CLY	4I	--	--				Fault Zone(?); Interval of coarse granular gouge. Fragmented quartz vein noted. Weakly calcareous clay gouge matrix. Oriented at ~75° to core axis. No significant sulphides.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type	Conc. (%)		
28.82	39.18	10.36					SCH	FG	MD	GY	FO		2I	CHL	2I						Muscovite-Chlorite-Biotite Schist; Similar to 11.45-27.90m. Silicified muscovite-chlorite-biotite schist. Foliation at ~45° to core axis. Patchy zones with white specks (<0.2cm, calcite).
																	0.10				Low veining density, dominantly narrow calcite veinlets at low angles (<20°).
																					Rare-trace sulphides noted, often on fracture surfaces.
																					Competent core rock with minor fracturing at ~40° to core axis.
			28.82	30.18	1.36		FEL		LT	GY	PO			CHL	3I						-Felsic dyke at 29.71-29.92m at ~60° to core axis. Fine-medium grained chlorite altered schist as envelope.
			30.18	32.91	2.73				DK	BN			3I								-Similar to general description. Slight increase in silicification. Calcite speckled matrix.
			32.91	33.93	1.02				DK	GN											-Similar to general description.
			33.93	34.04	0.11		FEL		LT	GY	PO										-Felsic dyke at ~30° to core axis. Foliation at ~45° to core axis
			34.04	35.62	1.58				MD	GY											-Similar to general. Foliation at ~40° to core axis. Calcite speckles in matrix (<0.2cm).
			35.62	35.94	0.32		FEL	MG	LT	GY	PO		3I								-Felsic dyke at ~40° and ~20° to core axis.
			35.94	36.30	0.36				MD	GN											-Similar to general description. Foliation at ~45° to core axis.
			36.30	36.71	0.41		FEL	MG	LT	GY	PO		3I								-Felsic dyke at ~60° and ~50° to core axis.
			36.71	38.61	1.90				MD	GN											-Similar to general description. Foliation at ~60° to core axis. Moderate-high biotite content.
			38.61	38.77	0.16		FEL	MG	LT	GY	PO										-Felsic dyke at ~40° and ~75° to core axis.
			38.77	39.18	0.41				MD	GN			4I	CHL	3I						-Similar to general description. Increased silicification. Dark matrix with bleached envelopes along healed fractures.
39.18	42.70	3.52					FEL	MG	LT	GY	PO		2I	CHL	1I						Felsic Dyke; Weak-moderately silicified quartz-feldspar porphyritic felsic dyke with patchy zones of weakly chlorite alteration. Weak foliation at ~40° to core axis. Fragments of muscovite schist present.
										WH							0.20				Low veining density, often narrow green bands and discontinuous wisps and diffused grey quartz veinlets (<1cm).
																					Trace sulphides noted, commonly carried in quartz veinlets.
																					Competent core rock, rare fracturing, generally at ~30° to core axis.
			39.18	39.37	0.19				LT	GN	PO			CHL	2I						-Contact zone - similar to general with green colour - increased chlorite and sericite in matrix.
			39.37	41.56	2.19									SER	2I						
			41.56	42.01	0.45		SCH		DK	GY	FO										-Similar to general description.
			42.01	42.70	0.69					WH											-Interval of fine grained, banded muscovite-biotite schist. Contact at ~50° to core axis. Xenolith in dyke(?). Foliation at ~65° to core axis.
																					-Similar to general description with slightly bleached matrix.
42.70	82.87	40.17					SCH	FG	MD	BN	FO		2I	CHL	1I						Muscovite-Chlorite-Biotite Schist; Similar to 11.45-27.90m. Silicified muscovite-chlorite-biotite schist. Foliated matrix (at ~60° to core axis) with localized zones of calcite speckled (<0.2cm) textures.
									MD	GY											Low vein density, generally narrow calcite veinlets (<0.5cm) at ~45° to core axis.
																	0.50	Po	0.10		Trace-minor sulphides, mostly noted on fracture surfaces. Appears to follow foliation planes ad discontinuous veinlets (<0.1cm).
																					Fairly competent core rock. Intervals with higher biotite content are more fissile. Fracture along foliation planes at ~50° to core axis.
			42.70	43.15	0.45			FG	LT	GY				CLY	3I						-Contact zone - similar to general with a slightly bleached matrix. Appears to be higher sericite content. Foliation at ~40° to core axis.
			43.15	44.19	1.04				MD	BN											-Similar to general description.
			44.19	46.14	1.95				MD	GY			3I	CHL	2I						-Similar to general description with increased silicification, nearly texturally destructive. Green colouring in matrix - increased chlorite(?).
			46.14	49.88	3.74				MD	BN											-Similar to general description with zones of grey calcite clots (<0.3cm).

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other				
														Type	Intensity			Type	Conc. (%)			
			49.88	51.62	1.74				MD	GN			3I	CHL	2I							-Similar to 44.19-46.14m. Medium green-grey micaceous schist. Increased chlorite/sericite and foliation at ~60° to core axis. Several fractures with fine clay/gouge on surfaces (at ~60° to core axis).
			51.62	52.32	0.70				DK	BN			3I									-Similar to general description - slight increase in silicification of dark brown matrix. Light coloured bands (<1cm) - bleached envelopes to healed fractures(?).
			52.32	52.56	0.24		VEN		WH				5I									-Quartz vein at ~40° to core axis. Strongly micaceous contact zones (~5cm wide). No significant sulphides.
			52.56	53.32	0.76				DK	GN				CHL	3I							-Dark green, chlorite altered matrix with pink carbonate specks (<0.2cm) throughout matrix. Weak foliation at ~45° to core axis.
			53.32	54.05	0.73				DK	GY												-Similar to general description. High muscovite content. Foliation at ~45° to core axis.
			54.05	55.25	1.20		VEN			WH			3I									-Quartz vein at 54.94-55.25m at ~30° to core axis, hosted in a strongly silicified schist with calcite clots (<0.5cm) throughout matrix.
			55.25	57.18	1.93			FG	MD	GY			3I									-Similar to general description. Slight increase in silicification.
			57.18	57.41	0.23		FEL		LT	GN			3I	SER	2I							-Felsic dyke at ~45° to core axis. Weakly foliated at ~45° to core axis.
			57.41	62.37	4.96			FG	DK	BN												-Similar to general description. Foliation at ~50° to core axis. Pyrite noted on fracture surfaces.
			62.37	63.58	1.21				MD	GN				SER	2I							-Similar to general description. Increased sericite and chlorite. Foliation at ~45° to core axis.
			63.58	66.36	2.78		FEL	MG						CHL	2I	0.50		Sp		0.10		-Several intervals of porphyritic felsic dykes, with varying intensity of chlorite alteration. Contacts are sharp, generally oriented at ~55° to core axis. Interval of schist may be xenoliths within dyke units(?). One veinlets at 66.20m with pyrite and sphalerite.
			66.36	70.77	4.41			FG	LT	GN	FO			SER	2I	0.70						-Similar to general description, increased sericite content. Pyrite veinlets noted throughout. Foliation at ~50° to core axis.
			70.77	74.15	3.38				DK	GN			3I									-Similar to general description. Slight increase in silicification. Moderate foliation at ~50° to core axis.
			74.15	74.32	0.17		VEN			WH			5I									-Quartz vein at ~35° to core axis. No significant sulphides.
			74.32	76.88	2.56				DK	GN						0.30		Sp		0.30		-Similar to general description - moderately foliated at ~50° to core axis. One quartz-carbonate veinlet (<0.5cm) carrying pyrite and sphalerite.
			76.88	78.49	1.61		FEL	MG	LT	GN	PO					0.40						-Similar to 63.58-66.36m. Several intervals of felsic dykes with schists in between with sharp contacts at ~35° to core axis. Pyrite veinlets noted. Schist interval may be xenoliths within felsic dyke.
			78.49	79.43	0.94				MD	BN												-Similar to general description. Foliation at ~50° to core axis.
			79.43	82.87	3.44																X	-Similar to general description. Strongly foliated at ~50° to core axis. Minor interval of silica flooding/veins at 82.10-82.34m.
82.87	87.43	4.56					LST	FG	LT	GY	MA		1I									Mixed Interval (Limestone, Felsic Dyke, Schist); "Interbedded" grey massive limestone, weakly sericite altered quartz-feldspar porphyritic felsic dykes and moderately foliated quartz-muscovite-biotite schist. Fairly sharp contacts, generally at ~50° to core axis.
							FEL	MG	LT	GN	PO			SER	2I	0.20						Low vein density, dominantly narrow calcite veinlets at ~35° to core axis.
							SCH	FG	DK	GY	FO											Trace sulphides, mostly hosted in felsic dyke intervals, appearing as narrow veinlets (<0.2cm).
			82.87	83.38	0.51		VEN		LT	GY			5I									Hard and competent core rock, fracturing at ~35-50° to core axis.
			83.38	83.89	0.51		SCH	FG	MD	GY	FO		2I									-Quartz vein at ~50° to core axis. No significant sulphides.
			83.89	84.51	0.62		FEL	MG	LT	GN			2I	SER	3I							-Micaceous schist with quartz/silica flooded bands. Foliation at ~60° to core axis. Weakly calcareous matrix.
			84.51	85.83	1.32		LST		LT	GY	MA											-Weak-moderately silicified and sericite altered porphyritic felsic dyke. Weakly foliated at ~45° to core axis.
			85.83	86.38	0.55		FEL		LT	GN	PO			SER	2I	0.50						-Grey, fine grained to massive limestone. No significant sulphides.
																						-Felsic dyke, weakly sericite altered. Contacts at ~60° to core axis. Pyrite wisps noted throughout matrix.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type	Conc. (%)		
			86.38	87.43	1.05				LT	GY	BN		2I								-Mixed bands of schist and limestone. Moderate=strongly calcareous matrix. Foliation at ~50° to core axis.
									MD	GN											
87.43	107.78	20.35					SCH	MG	LT	GN	FO		2I	SER	2I						Quartz-Muscovite-Biotite Schist; medium green and grey, moderate-strongly foliated quartz-muscovite-biotite schist. Foliation at ~40° to core axis. Moderately silicified matrix. Elongated quartz eyes present through most of matrix.
																					Low-medium vein density, quartz +/- carbonate veinlets/veins (<1cm) generally at ~50° to core axis.
																0.50					Trace-minor sulphides present throughout, generally as discontinuous veinlets (<0.5cm). Competent core rock, low-moderate fracturing, dominantly at ~30-40° to core axis.
			87.43	88.84	1.41									SER	3I						-Similar to general description. Increase sericite alteration, moderately foliated at ~60° to core axis. Small zone of grey silica flooding noted.
			88.84	89.18	0.34		VEN		DK	GN	BX		3I	CLY	3I	2.00					-Brecciated quartz vein at ~55° to core axis. Grey gouge and fractured core. Sulphides noted in shattered core rock.
										WH											
			89.18	90.45	1.27				MD	GN	FO			CHL	2I	0.20					-Similar to general description with increased chlorite. Strongly foliated at ~65° to core axis. Narrow pyrite wisps noted.
			90.45	91.88	1.43				MD	GN			3I	CHL	2I	0.50					-Increased silicification and quartz eyes in matrix. Foliation at ~45° to core axis. Pyrite clots in white silica bands/quartz veins.
			91.88	93.02	1.14		FEL		LT	GY	PO		3I			0.10					-Light grey silicified felsic dyke. Weakly gradational contacts at ~45° to core axis.
			93.02	93.74	0.72				DK	GN				CHL	4I						-Similar to general description with moderate-strong chlorite alteration. Foliation at ~60° to core axis. Pyrite wisps common. One ~3cm band of coarse granular gouge present.
			93.74	96.55	2.81				MD	GN				SER	3I	1.00					-Similar to general description with increased sericite and chlorite alteration of the matrix. Pyrite commonly seen in grey-white quartz +/- carbonate veinlets/veins (<2cm, at ~30-50° to core axis)
			96.55	101.14	4.59				MD	GN			3I			2.50					-Similar to 90.45-91.88m. Strongly foliated, silicified schist with quartz eyes (<0.3cm). Foliation at ~50° to core axis. Several patches of silica flooding present, associated with sericite altered envelopes and sulphides.
			101.14	102.28	1.14		VEN		DK	GN			4I	CHL	3I						-White quartz vein at 101.61-101.87m at ~35° to core axis and dark green chlorite altered envelope zone.
										WH											
			102.28	103.79	1.51				MD	GN				SER	3I						-Similar to general description. Slight increase in sericite alteration.
			103.79	104.11	0.32		VEN			WH			4I								-Silica flooded zone with "fragments" of muscovite-rich host rock. Oriented at ~55° to core axis. No significant sulphides.
			104.11	105.06	0.95			FG	DK	GY			1I			3.00					-Dark grey, fine grained micaceous schist. Foliation at ~55° to core axis. Sulphides present as fine-medium disseminated blebs (<1cm).
			105.06	105.27	0.21		VEN			WH	BX										-Quartz vein/zone of silica flooding, moderately brecciated and oriented at ~40° to core axis. High muscovite content in surrounding host rock.
			105.27	107.78	2.51				MD	BN				CLY	2I						-Similar to general description. Increased clay alteration, increasing moving downhole. Foliation at ~65° to core axis.
107.78	108.27	0.49	107.78	108.27	0.49		VEN			WH			5I			5.00	Sp	0.70			Quartz Vein; Grey--white quartz vein with ~10cm wide alteration envelopes up- and downhole. High muscovite content in altered host rock.
									DK	GY											Sulphides commonly noted as veinlets and bands at the edges of the vein and as blebs within the vein material. Oriented at ~75° to core axis.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type	Conc. (%)		
108.27	129.28	21.01					SCH	FG	MD	GN	FO		2I	CLY	2I						Muscovite-Chlorite-Biotite Schist; Fine grained, weakly clay altered muscovite-chlorite-biotite schist. Foliation appear to vary between ~20-45° to core axis. Patchy zones of weak silicification in a weakly calcareous matrix. Irregular bands of (bleached?) quartz-mica schist (<5cm) present throughout.
									MD	GY											Moderate veining density, generally white calcite veinlets noted. Two preferred orientation at ~25° and ~50° to core axis.
																0.50		Sp	0.30		Minor sulphides noted, generally occurring as fine disseminated grains and veinlets (<0.5cm) in less silicified intervals. Pyrite, galena, brown sphalerite.
																		Gn	0.30		Soft and slightly blocky core rock, possibly due to clay content (and transport of rock to processing facility). Fracturing generally along foliation and veining structures. Minor zones of rubble and shattered rock also present.
			108.27	111.77	3.50				MD	TN				SER	3I	0.20					-Similar to general description. Foliation at ~35° to core axis. Strongly foliated with fine disseminated pyrite grains scattered throughout. Slightly bleached matrix.
			111.77	114.70	2.93				MD	BN			2I			0.10					-Similar to general description. Interval of mixed and crenulated bands of schist. Slight increase in silicification. Foliation at ~25° to core axis.
									LT	GY											
			114.70	116.81	2.11				MD	BN	RB			SER	3I	0.30		Gn	0.30		-Similar to general description - blocky interval with small rubble zones. Foliation at ~40° to core axis. Fine sulphide grains noted in rubble zone.
			116.81	117.82	1.01				MD	TN	FO		2I								-Similar to 111.77-114.70m. Slight increase in silicification. Foliation at ~45° to core axis. No bands of quartz-mica schist noted.
			117.82	118.41	0.59				MD	BN	BX										-Similar to general description. Increased calcite veinlets giving rock a brecciated texture. Shattered core.
			118.41	120.26	1.85				MD	TN	FO		2I								-Similar to 111.77-114.70m. Weakly silicified matrix. Foliation at ~40° changing to ~20° to core axis moving downhole.
			120.26	120.88	0.62				DK	GN	BX		2I	CHL	3I						-Fine grained dark green, brecciated matrix. Weakly silicified and moderately chlorite altered. Shattered white grey quartz vein noted.
			120.88	121.18	0.30		VEN			WH			5I			1.00					-Quartz vein at ~50° to core axis with sulphide rich envelope zones (~3cm wide).
			121.18	125.74	4.56				DK	GN			2I	CHL	3I	1.00		Sp	0.30		-Similar to 120.26-120.88m. Dark grey-green, fine grained matrix. Weakly silicified and chlorite altered rock. Weakly foliated at ~20° to core axis. Slightly blocky/shattered core. Minor rubble zones also present. Minor-moderate sulphides - pyrite as blebs throughout while sphalerite and galena in veinlets (<0.5cm) at ~50° to core axis.
																		GN	0.50		
			125.74	129.28	3.54				MD	GY			2I	SER	2I						-Similar to 111.77-114.70m. Mixed and foliated bands (<3cm) of quartz-mica schist noted. Silicified with weak sericite content. Foliation at ~30° to core axis.
129.28	150.80	21.52					SCH	FG	MD	BN	FO			CLY	3I						Muscovite-Chlorite-Biotite Schist; Similar to 108.27-129.28m. Fine grained, clay altered muscovite-chlorite-biotite schist. Foliation at ~30° to core axis. Moderately clay altered with localized zones of silica flooding.
																					Moderate vein density, generally irregular white calcite veinlets (<0.5cm) at ~50° to core axis.
																0.40		Sp	0.10		Trace sulphides, generally occurring as finely disseminated grains and carried in quartz +/- carbonate veinlets as small blebs.
																		Gn	0.10		Blocky and shattered core rock, likely due to transport. Low-moderate angled fracturing (<40° to core axis) common. Surfaces often coated in thin layer of clay.
			129.28	130.76	1.48				MD	TN	BX			CLY	4I	0.70					-Similar to general description with increased clay alteration of matrix. Core rock is brecciated and shattered. Fine disseminated pyrite noted.
			130.76	131.96	1.20				LT	BN	FO			SER	3I	0.50					-Muscovite rich interval. Strongly foliated at ~30° to core axis.
			131.96	136.30	4.34				MD	BN	FO		1I	SER	3I	0.50		Gn	0.20		-Similar to general description. Increased sericite content with strong foliation at ~25° to core axis. Weakly silicified matrix, faint quartz eyes (<0.3cm) seen in localized zones. Sulphides tend to occur in veinlets, often in zones of higher clay content. One quartz vein (~1.5cm) seen at 135.01m at ~70° to core axis.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION	
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other				
														Type	Intensity			Type	Conc. (%)			
			136.30	136.38	0.08	VEN			WH				5I			0.70					-Quartz vein at ~65° to core axis.	
			136.38	137.32	0.94				MD	GN	FO											-Similar to 131.96-136.30m. Foliation at ~30° to core axis.
			137.32	140.00	2.68				MD	TN	FO			SER	3I	0.20						-Muscovite rich interval - strongly foliated at ~20° to core axis. Quartz +/- carbonate veinlets and quartz-mica schist bands present. Trace sulphides.
			140.00	142.50	2.50				MD	BN	FO		1I									-Similar to general description. Faint foliation appears to be almost parallel to core axis. Weakly silicified matrix. Trace sulphides in veinlets.
			142.50	143.04	0.54				MD	GY	BX		2I									-Interval with increased silicification and calcite veinlets, giving a brecciated texture.
			143.04	145.80	2.76				MD	TN	FO			SER	2I	0.50		Sp		0.20		-Similar to general description. Faint foliation and veining structures all appear to be at low angles (<30°) to core axis. Higher angled quartz +/- carbonate veinlets carry sulphides. On vein (~1.5cm) with galena and brown sphalerite at ~75° to core axis.
																		Gn		0.30		
			145.80	148.67	2.87				MD	TN				SER	2I	0.20		Sp		0.20		-Similar to 143.04-145.80m with slight decrease in sericite alteration. Foliation at ~30° to core axis. Moderately calcareous matrix. Trace sulphides.
			148.67	149.73	1.06			FG	MD	BN	FO		2I	CLY	1I	0.10						-Muscovite-chlorite-biotite schist with weak-moderately silicified matrix. Decrease fracturing. Foliation at ~30° to core axis. Trace sulphides
			149.73	149.92	0.19		VEN			WH			4I			0.30						-Zone of silica flooding/quartz veining at ~55° to core axis, carrying sulphides.
			149.92	150.80	0.88			FG	MD	GN			2I									-Similar to 148.67-149.73m. Fine grained, moderately foliated mica schist. Foliation at ~35° to core axis.
150.80	155.15	4.35	150.80	155.15	4.35		FEL		LT	GY	PO		3I									Felsic Dyke; Silicified quartz-feldspar porphyritic dyke unit. Weak-moderately foliated at ~30° to core axis. Grey quartz bands (<3cm) seen throughout, generally at ~55° to core axis. Weakly calcareous matrix with small sub rounded quartz eyes (<0.3cm).
									LT	GN				SER	2I		1.00					Grey-white quartz veining common, ~5% of interval.
																						Minor sulphides noted throughout, generally associated with quartz veins.
																						Hard, competent core rock, rare fracturing at ~25° to core axis. Contacts at ~30° and ~40° to core axis.
155.15	159.97	4.82					SCH	FG	LT	GN	FO		4I	SER	3I	0.20		Sp		0.10		Quartz-Muscovite-Biotite Schist; moderately silicified quartz-muscovite-biotite schist. Alternating zones of dark brown and grey-green (sericite altered?) zones, gradational contacts at ~80° to core axis.
									MD	BN	PO											Moderate veining density with dominantly narrow calcite veinlets (<0.3cm) at ~60° to core axis. Minor quartz veining also present.
																						Trace sulphides, pyrite occurring in blebs associated with quartz veins.
																						Hard and competent core rock, fracturing at ~30° to core axis.
			155.15	155.52	0.37				MD	BN	FO		4I								X	-Strongly foliated at ~25° to core axis. Elongated quartz eyes (<0.3cm) along foliation. High biotite content.
			155.52	156.47	0.95			FG	LT	GN				SER	3I	0.30		Sp		0.20		-Fine grained sericite altered interval. Faint foliation planes. Quartz vein (~4cm) at ~65° to core axis. Pyrite and sphalerite noted in quartz veining.
			156.47	157.85	1.38				MD	BN	FO		4I									-Similar to 155.15-155.52m. Biotite rich matrix with white quartz eyes. Weakly foliated.
			157.85	159.97	2.12			FG	LT	GN				SER	3I							-Similar to 155.52-156.47m. Sericite altered, fine grained matrix with grey-white quartz veinlets /veins (<1.5cm) at ~70° to core axis.
159.97	176.03	16.06					SCH	FG	MD	GN	FO		2I	CHL	2I							Muscovite-Chlorite-Biotite Schist; Medium-dark grey-green chlorite altered muscovite-chlorite-biotite schist. Weak-moderately silicified and weakly foliated matrix at ~25° to core axis.
											BX						0.70	Sp		0.30		Moderate vein density, quartz and carbonate veinlets common (<1cm), often disrupted and deformed. Dominant orientation appears to be at ~45° to core axis.
																						Minor-moderate sulphides. Pyrite and sphalerite, associated with quartz veins.
																						Fairly competent core rock with minor zones of blocky, rubbly core. No preferred fracturing orientation.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type	Conc. (%)		
			159.97	161.40	1.43				DK	GN	BX		3I	SER	2I	1.00					-Similar to general description. Weakly silicified and sericite altered matrix. Foliation at ~65° to core axis. Grey-white quartz veins giving weakly brecciated textures.
			161.40	162.01	0.61			FG	LT	GN				SER	3I						-Similar to 155.15-155.53m. Foliation at ~30° to core axis.
			162.01	163.03	1.02					GY	BX			CLY	3I						-Interval of stronger clay alteration. Fine to coarse granular gouge noted, weakly oriented at ~50° to core axis. No significant sulphides.
			163.03	163.22	0.19		VEN			WH			5I			0.20		Sp	0.50		-Interval of silica flooding/quartz +/- carbonate veining. Mixed/brecciated textures. Trace sulphides.
			163.22	168.78	5.56				DK	BN	BX		2I	CHL	3I	0.50		Sp	0.50		-Similar to general description. Chlorite altered, strongly foliated schist with strongly calcareous matrix. Foliation at ~30° to core axis. Occasional patches with faint quartz eyes. Minor sulphides noted, generally associated with veining structures.
			168.78	169.77	0.99		SCH		DK	GN			3I	CHL	2I						-Interval of chlorite and sericite altered schist with grey-white quartz veins at 168.80-168.92m, 169.21-169.25m and 169.37-169.43m, preferred orientation at ~65° to core axis. No significant sulphides in veins.
							VEN			GY				SER	3I						
			169.77	170.87	1.10		VEN			GY	BX		4I			1.00		Sp	0.70		-Grey-white quartz vein interval. Contacts at ~50° to core axis with fragments of chlorite altered schist. Interval cross-cut by calcite and sulphide veinlets at ~50° to core axis (<0.3cm).
			170.87	171.50	0.63		VEN			GY	BX		3I	SER	3I	0.20		Sp	0.10		-Pitted quartz vein at ~45° to core axis, moderately clay altered. Trace sulphides.
			171.50	173.86	2.36				MD	GN				CLY	2I	1.00					-Similar to general description with sericite altered matrix. Slightly mixed/crenulated matrix (foliation at ~40° to core axis?) - deformed. Minor granular gouge noted.
			173.86	175.15	1.29				DK	GN				CHL	3I	0.70		Sp	0.20		-Similar to general description with increased chlorite. Foliation at ~35° to core axis. Narrow sulphide veinlets.
			175.15	175.46	0.31		VEN			WH			4I	SER	3I	1.50					-Interval of silica flooding and increased muscovite in surrounding host rock. Foliated at ~25° to core axis.
			175.46	176.03	0.57				DK	GN				CHL	3I	0.50		Sp	0.20		-Similar to 173.86-175.15m. Minor quartz vein with associated sulphides.
176.03	186.22	10.19					SCH		MD	GN	FO		2I	SER	1I						Muscovite-Chlorite-Biotite; Weak-moderately silicified. Strongly foliated muscovite-chlorite-biotite schist. Foliation at ~40° to core axis.
									MD	GY							0.20				Moderate-high calcite veinlet density - strongly calcareous matrix in these zones. Most calcite veinlets along foliation with one set noted at ~25-30° to core axis, cross-cutting foliation.
																					Trace sulphide, generally occurring as marrow irregular veinlets, dominantly pyrite.
																					Fairly competent core rock and minor fracturing along foliation at ~50° to core axis.
			176.03	176.27	0.24				LT	GN			3I	SER	3I						-Contact zone - moderately sericite altered zone with granular gouge followed by silicified and, oriented at ~55° to core axis.
			176.27	177.21	0.94				LT	GY	BN										-Similar to general description. High calcite content, giving matrix a bleached appearance. Foliation at ~55° to core axis.
			177.21	179.31	2.10				MD	GN	FO		3I	SER	3I	0.50					-Similar to general description with decreased calcite veinlets. Foliation at ~40° to core axis. Several grey-white quartz veinlets (<1cm) and fragments noted. Sulphide veinlets present.
			179.31	182.57	3.26				MD	GY	BN		1I			0.20				X	-Similar to 176.27-177.21m. Foliation at ~45° to core axis. Weakly silicified with trace sulphides.
			182.57	186.22	3.65				MD	GY	FO		3I	SER	2I						-Similar to 177.21-179.31m. Foliation at ~40° to core axis. Weakly silicified and sericite altered matrix with decreased calcite veinlets.
186.22	195.07	8.85					SCH		MD	BN	FO		3I								Quartz-Muscovite-Biotite Schist; Moderate-strongly silicified quartz-muscovite-biotite schist. Foliated at ~30° to core axis. Interfingered grey quartz and biotite-rich bands with occasional patches with strong calcite veining (zones of strongly calcareous matrix).
																					Occasional patches with calcite bands along foliation. Rare calcite veinlets at ~30° to core axis and two quartz veins present.

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY						ALTERATION				MINERALS				Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Rock Type	Grain Size	Shade	Colour	Texture	Oxidation	Silicification	Other		Pyrite		Other			
														Type	Intensity			Type	Conc. (%)		
																0.20				Trace sulphides, generally occurring in narrow veinlets associated with quartz +/- carbonate veining.	
			186.22	187.46	1.24				MD	BN	FO		3I							Hard and competent core rock, rare fracturing at ~35° to core axis.	
			187.46	187.81	0.35		VEN			WH			5I							-Similar to general description. Foliation at ~25° to core axis.	
			187.81	194.76	6.95				MD	BN	FO		3I							-Quartz vein at ~30° to core axis. No significant sulphides.	
																			X	-Similar to general description. Foliation at ~25° to core axis.	
			194.76	195.07	0.31				MD	BN	BX					1.00			X	-Brecciated interval. Clasts comprised of high biotite schist host rock with a grey calcareous matrix. Sulphide clots present (<1cm).	
																				EOH @ 195.07m.	

Secondary Structure Log

Hole: QB-12-03

Logger Name:

Date: September 19, 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
VT	20.54	21.34	50.00	0.00	2.00			Along with foliation.	
VT	25.95	26.55	70.00	235.00	2.00				
VT	26.58	26.77	25.00	175.00	1.00				
VT	39.00	39.48	20.00	210.00	1.00				
VT	43.20	44.25	40.00	0.00	2.00			Along with foliation.	
VT	53.00	53.58	58.00	0.00	2.00			Along with foliation.	
VN	63.41	64.01	42.00	0.00	1.00			Along with foliation.	
VT	65.00	65.35	30.00	0.00	2.00			Along with foliation.	
VT	65.98	66.28	60.00		2.00				
VT	66.15	66.28	45.00		1.00				
VT	69.54	70.10	54.00	250.00	4.00				
VN	74.00	74.66	49.00	0.00	1.00				
VN	76.83	77.25	21.00	240.00	1.00				
VN	78.00	78.18	49.00	0.00	1.00				
VN	78.18	78.39	56.00	130.00	1.00				
VN	82.90	83.29	69.00	0.00	1.00			Along with foliation.	
VN	88.00	88.39	55.00	0.00	1.00			Along with foliation.	
VT	95.36	95.91	3.00	200.00	3.00				
VN	95.91	96.21	24.00	180.00	1.00				
VN	97.54	97.83	50.00	148.00	1.00				
VN	97.83	98.86	60.00	55.00	2.00				
VN	101.60	101.87	38.00	0.00	1.00			Along with foliation.	
VT	126.00	126.33	35.00	170.00	2.00				
VN	136.00	136.49	59.00		1.00				
VT	136.51	137.00	70.00	0.00	1.00				
VT	146.30	146.40	51.00	170.00	1.00				
VT	146.30	146.40	60.00	0.00	1.00			This veinlet crosses the previous one.	
VN	152.40	154.05	80.00		9.00				
VN	155.62	156.85	71.00	0.00	2.00			Along with foliation.	
VT	158.86	159.81	60.00	100.00	4.00				
VN	164.30	164.59	64.00	144.00	3.00				
VT	164.59	165.60	85.00	0.00	2.00				

Secondary Structure Log

[illegible]

Density Log

Hole: QB-12-03

Date: September 19 2012

[illegible]

Sample Log

Hole: QB-12-03

Date: September 19 2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Weight (kg)			Comments
0.00	0.95	0.95	--	--	N/S					Casing; no recovery
0.95	6.90	5.95	--	--	N/S					Overburden
6.90	9.41	2.51	2.51	100	L840160	6	8.40			Felsic dyke
9.41	11.45	2.04	2.04	100	L840161	6	6.80			Felsic dyke
11.45	13.96	2.51	2.51	100	L840162	6	8.60			
13.96	16.43	2.47	2.47	100	L840163	6	8.40			Felsic dyke, quartz vein
--	--				L840164	6	0.30			Standard: CDN-ME-8
16.43	19.11	2.68	2.68	100	L840165	6	9.30			
19.11	21.42	2.31	2.30	99.6	L840166	6	8.00			
21.42	24.04	2.62	2.62	100	L840167	6	9.20			
24.04	26.06	2.02	1.94	96	L840168	6	6.80			
26.06	27.90	1.84	1.82	98.9	L840169	6	6.10			Felsic dyke
27.90	28.82	0.92	0.78	84.8	L840170	6	2.50			Gouge/fault zone(?)
--	--				L840171	6	3.00			Blank
28.82	30.18	1.36	1.36	100	L840172	6	4.60			
30.18	32.38	2.20	2.19	99.5	L840173	6	7.40			
--	--				L840174	6	3.10			Quarter split duplicate
32.38	42.70	10.32			N/S					
42.70	44.19	1.49	1.44	96.6	L840175	6	5.10			
44.19	46.14	1.95	1.94	99.5	L840176	6	6.60			
46.14	48.00	1.86	1.85	99.5	L840177	6	6.60			
--	--				L840178	6	0.00			Coarse reject duplicate
48.00	49.88	1.88	1.86	98.9	L840179	6	6.40			
49.88	51.62	1.74	1.67	96	L840180	6	5.60			
51.62	53.32	1.70	1.70	100	L840181	6	6.10			
53.32	61.98	8.66			N/S					
61.98	63.58	1.60	1.59	99.4	L840182	6	5.60			
63.58	66.36	2.78	2.74	98.6	L840183	6	9.30			Felsic dyke
--	--				L840184	6	3.00			Blank
66.36	68.57	2.21	2.09	94.6	L840185	6	7.70			
68.57	70.11	1.54	2.19	142	L840186	6	7.60			
70.11	72.50	2.39	1.69	70.7	L840187	6	6.00			
72.50	74.32	1.82	1.82	100	L840188	7	6.20			
--	--				L840189	7	0.30			Standard: CDN-ME-8
74.32	76.88	2.56	2.46	96.1	L840190	7	8.50			Sphalerite in veinlet
76.88	78.49	1.61	1.58	98.1	L840191	7	5.30			Felsic dyke
78.49	80.68	2.19	2.15	98.2	L840192	7	7.80			
80.68	82.87	2.19	2.17	99.1	L840193	7	7.60			
82.87	85.83	2.96	2.95	99.7	L840194	7	10.00			Mixed interval; LST, FEL, SCH
--	--				L840195	7	4.20			Quarter split duplicate
85.83	87.43	1.60	1.60	100	L840196	7	5.80			Mixed interval; LST, FEL, SCH
87.43	89.16	1.73	1.73	100	L840197	7	5.70			Brecciated quartz vein/gouge
--	--				L840198	7	3.00			Blank
89.16	91.88	2.72	2.71	99.6	L840199	7	8.90			
91.88	93.74	1.86	1.85	99.5	L840200	7	6.10			

Sample Log

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Weight (kg)			Comments
93.74	96.55	2.81	2.81	100	L840251	7	9.30			
--	--				L840252	7	0.30			Standard: CDN-ME-8
96.55	98.84	2.29	2.29	100	L840253	7	7.70			
98.84	101.14	2.30	2.30	100	L840254	7	7.80			
101.14	103.79	2.65	2.64	99.6	L840255	7	8.80			
103.79	105.06	1.27	1.24	97.6	L840256	7	4.30			
105.06	107.78	2.72	2.50	91.9	L840257	7	8.50			
107.78	108.27	0.49	0.49	100	L840258	7	1.60			Quartz vein
--	--				L840259	7	3.00			Blank
108.27	110.03	1.76	1.62	92	L840260	7	6.30			
110.03	111.77	1.74	1.67	96	L840261	7	6.00			
111.77	114.76	2.99	2.69	90	L840262	7	10.40			
114.76	116.81	2.05	1.74	84.9	L840263	7	7.00			
116.81	118.41	1.60	1.50	93.8	L840264	7	5.30			
118.41	120.88	2.47	2.47	100	L840265	7	9.10			
--	--				L840266	7	0.00			Coarse reject duplicate
120.88	123.31	2.43	2.25	92.6	L840267	7	8.10			Quartz vein
123.31	125.74	2.43	2.29	94.2	L840268	7	8.30			
125.74	127.47	1.73	1.73	100	L840269	7	6.40			
127.47	129.28	1.81	1.74	96.1	L840270	7	6.20			
129.28	131.96	2.68	2.25	84	L840271	7	8.80			
131.96	134.64	2.68	2.58	96.3	L840272	7	9.80			
134.64	137.32	2.68	2.60	97	L840273	7	9.00			
137.32	140.00	2.68	2.45	91.4	L840274	8	8.80			
--	--				L840275	8	0.30			Standard: CDN-ME-6
140.00	143.04	3.04	2.90	95.4	L840276	8	10.50			
143.04	145.80	2.76	2.64	95.7	L840277	8	9.20			
145.80	148.67	2.87	2.65	92.3	L840278	8	9.70			
--	--				L840279	8	3.00			Blank
148.67	150.80	2.13	2.13	100	L840280	8	7.30			
150.80	152.92	2.12	2.12	100	L840281	8	7.00			
152.92	155.15	2.23	2.23	100	L840282	8	7.30			
--	--				L840283	8	0.00			Coarse reject duplicate
155.15	157.85	2.70	2.70	100	L840284	8	9.10			
157.85	159.97	2.12	2.13	100	L840285	8	7.30			
159.97	162.01	2.04	1.88	92.2	L840286	8	7.00			
162.01	164.26	2.25	2.02	89.8	L840287	8	7.00			
164.26	166.51	2.25	2.25	100	L840288	8	7.20			
--	--				L840289	8	3.00			Blank
166.51	168.78	2.27	2.27	100	L840290	8	7.60			
168.78	171.50	2.72	2.72	100	L840291	8	9.20			
171.50	173.86	2.36	2.32	98.3	L840292	8	8.00			
173.86	176.03	2.17	2.17	100	L840293	8	8.30			
176.03	177.21	1.18	1.17	99.2	L840294	8	4.10			
177.21	179.31	2.10	2.06	98.1	L840295	8	6.90			
--	--				L840296	8	0.30			Standard: CDN-ME-8
179.31	181.61	2.30	2.27	98.7	L840297	8	8.00			
181.61	183.91	2.30	2.30	100	L840298	8	7.50			
183.91	186.22	2.31	2.30	99.6	L840299	8	8.10			
186.22	187.81	1.59	1.59	100	L840300	8	5.00			

Sample Log

[illegible]

Geotechnical Log

Hole:QB-12-03

Tech Name: Kristina An

Date: September 19,2012

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCI Reactivity	Hardness	Strength	Weathering	Joint Sets						DESCRIPTION
											spacing	Attitude (tca)	Shape	Roughness	Weathering	Gouge	
0.00	0.95	0.95	0.00														Casing, no recovery.
0.95	1.52	0.57	0.57		0.00		0	2	3	4							
1.52	3.05	1.53	0.32		0.00		0	3	3	3							
3.05	4.57	1.52	0.39		0.00		0	3	3	4							
4.57	6.10	1.53	0.41		0.00		0	3	4	3							
6.10	7.62	1.52	0.85		0.48		0	3	4	3							
7.62	9.14	1.52	1.52		1.40		0	3	4	2							
9.14	12.19	3.05	3.05		1.89		0	3	3	1							
12.19	15.24	3.05	3.05		1.46		0	3	3	1	0.18	36	1	2	1		
15.24	18.29	3.05	3.05		1.77		0	3	3	1	0.13	60	1	2	1		
18.29	21.34	3.05	3.01		1.70		0	3	3	1	0.12	58	1	2	1		
21.34	24.38	3.04	3.04		1.67		0	3	3	2	0.13	70	1	2	1	1	
24.38	27.43	3.05	3.05		1.38		0	3	3	2	0.13	50	1	2	1		
27.43	30.48	3.05	2.95		0.94		1	3	3	1	0.06	61	1	2	1		
30.48	33.53	3.05	3.05		1.76		1	3	3	1							
33.53	36.58	3.05	3.05		1.55		0	3	3	1	0.12	51	1	2	1		
36.58	39.62	3.04	3.04		1.90		0	3	3	1							
39.62	42.67	3.05	3.03		2.32		0	3	3	1	0.09	65	1	2	1	2	
42.67	45.72	3.05	3.05		0.87		0	3	3	1	0.11	58	1	2	1		
45.72	48.77	3.05	3.05		2.22		0	3	3	1	0.28	46	1	2	1	1	
48.77	51.82	3.05	3.05		1.48		1	3	3	1	0.22	65	1	2	1		
51.82	54.86	3.04	3.04		1.89		1	3	3	1							
54.86	57.91	3.05	3.05		1.22		1	3	4	1							
57.91	60.96	3.05	3.05		1.30		1	3	4	1							
60.96	64.01	3.05	3.05		1.93		1	3	3	1							
64.01	67.06	3.05	3.05		1.17		1	3	3	1	0.1	64	1	2	1		
67.06	70.10	3.04	3.04		1.44		0	3	3	1							4 cm of stick-up.
70.10	73.15	3.05	3.05		1.77		1	3	3	1	0.19	68	1	2	1		
73.15	76.20	3.05	2.96		0.50		1	3	3	1	0.14	54	1	2	2		
76.20	79.25	3.05	3.05		1.51		0	3	3	1	0.11	53	1	2	1		5 cm of stick-up.
79.25	82.30	3.05	3.05		1.25		1	3	3	1	0.24	53	1	2	1		
82.30	85.34	3.04	3.04		1.83		3	3	3	1	0.16	46	1	2	1		
85.34	88.39	3.05	3.03		2.21		3	3	3	1	0.23	60	1	2	1		

Geotechnical Log

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	HCl Reactivity	Hardness	Strength	Weathering	Joint Sets						DESCRIPTION
											spacing	Attitude (tca)	Shape	Roughness	Weathering	Gouge	
88.39	91.44	3.05	3.05		0.87		3	3	3	1							
91.44	94.49	3.05	3.05		1.60		1	3	4	1	0.1	55	1	2	1		
94.49	97.54	3.05	3.05		1.67		1	3	3	1							
97.54	100.58	3.04	3.04		2.10		1	3	3	1	0.2	78	1	2	1		
100.58	103.63	3.05	3.05		0.94		1	3	3	1	0.13	58	1	2	1	2	
103.63	106.68	3.05	2.96		1.31		1	2	3	1	0.16	60	1	2	1		
106.68	109.73	3.05	3.05		0.83		1	2	3	1							
109.73	112.78	3.05	3.05		0.69		1	2	3	1							
112.78	115.82	3.04	3.04		1.09		1	2	3	1							
115.82	118.87	3.05	2.84		0.67		1	2	3	1							
118.87	121.92	3.05	2.95		0.19		1	2	3	1							
121.92	124.97	3.05	3.00		0.15		0	2	3	1							
124.97	128.02	3.05	3.03		1.66		1	2	4	1							
128.02	131.06	3.04	2.71		0.00		0	2	2	1							
131.06	134.11	3.05	3.05		0.00		1	2	2	1							
134.11	137.16	3.05	2.91		0.75		1	2	3	1							
137.16	140.21	3.05	2.91		0.60		3	2	3	1							
140.21	143.26	3.05	2.99		1.39		1	2	3	1	0.15	35	1	3	1	3	
143.26	146.30	3.04	3.00		0.49		1	2	2	1							
146.30	149.35	3.05	3.05		0.61		1	2	3	1							
149.35	152.40	3.05	3.05		2.16		3	2	3	1							
152.40	155.45	3.05	3.05		2.26		3	2	4	1							
155.45	158.50	3.05	3.03		1.95		3	3	2	1	0.16	70	1	3	1		
158.50	161.54	3.04	2.95		0.64		3	2	3	1							
161.54	164.59	3.05	2.90		1.14		3	2	3	1							
164.59	167.64	3.05	3.05		1.46		3	3	3	1							
167.64	170.69	3.05	3.05		1.24		3	3	3	1							8 cm of stick-up.
170.69	173.74	3.05	3.02		1.02		3	3	3	1							
173.74	176.78	3.04	3.04		0.96		3	3	3	1	0.14	60	2	3	1	1	4 cm of stick-up.
176.78	179.83	3.05	3.05		1.49		3	3	3	1							
179.83	182.88	3.05	3.05		2.36		3	2	4	1	0.25	71	1	3	1		
182.88	185.93	3.05	3.00		2.28		3	2	5	1							
185.93	188.98	3.05	3.05		2.54		3	2	5	1	0.46	58	1	3	1		
188.98	192.02	3.04	3.04		2.31		3	2	5	1							
192.02	195.07	3.05	3.05		2.01		3	2	3	1							End of hole at 195.07 m.

Hole:QB-12-03

Date: September 19, 2012

Depth (m)	1° Structure Type	Angle (TCA)	COMMENTS	Depth (m)	1° Structure Type	Angle (TCA)	COMMENTS
4.54	FO	38		119.79	FO	27	
7.36	FO	65		122.01	FO	16	
10	FO	66		125.87	FO	20	
13.26	FO	41		128.83	FO	32	
15.88	FO	55		131.7	FO	20	
18.51	FO	50		133.9	FO	29	
21.31	FO	58		135.11	FO	19	
23.68	FO	65		136.87	FO	30	
26.18	FO	35		138	FO	19	
29.14	FO	60		140.84	FO	24	
33.41	FO	34		144	FO	9	
36.89	FO	50		145.85	FO	15	
39.34	FO	48		147.7	FO	14	
40.95	FO	45		150.8	FO	40	
43	FO	50		155.34	FO	29	
46.04	FO	68		159.29	FO	28	
48.91	FO	60		162	FO	24	
51.51	FO	58		164.92	FO	18	
53.55	FO	60		167.58	FO	20	
55.57	FO	46		169.12	FO	25	
58.67	FO	35		174.84	FO	35	
63.58	FO	52		176.83	FO	68	
66.88	FO	38		179.61	FO	25	
69.81	FO	60		182.09	FO	29	
72.82	FO	48		185	FO	45	
73.82	FO	58		186.93	FO	17	
76	FO	60		188.88	FO	30	
78.87	FO	50		191.51	FO	45	
81.14	FO	57		194	FO	28	EOH at 195.07 m.
83.87	FO	54					
86.78	FO	54					
89.21	FO	51					
91.66	FO	50					
94.09	FO	58					
96.76	FO	60					
99.09	FO	57					
102.31	FO	50					
104.68	FO	37					
107	FO	61					
110.09	FO	32					
111.84	FO	39					
113.61	FO	41					
115.94	FO	58					

PRIMARY STRUCTURE LOG

Depth (m)	1° Structure Type	Angle (TCA)	COMMENTS
118.54	FO	48	

Depth (m)	1° Structure Type	Angle (TCA)	COMMENTS

Magnetic Susceptibility Log

Hole:QB-12-03

Date: Sep-12

Depth (m)	Magnetic Susceptibility	DESCRIPTION
1.00	0.00	Rubble
2.00	0.00	Rubble
3.00	0.00	Rubble
4.00	0.37	
5.00	0.00	Rubble
6.00	0.00	Rubble
7.00	0.07	
8.00	0.01	
9.00	0.08	
10.00	0.02	
11.00	0.02	
12.00	1.34	
13.00	0.11	
14.00	0.06	
15.00	0.00	
16.00	0.02	
17.00	0.00	
18.00	0.06	
19.00	0.16	
20.00	0.12	
21.00	0.11	
22.00	0.65	
23.00	0.07	
24.00	0.27	
25.00	0.10	
26.00	0.00	
27.00	0.01	
28.00	0.05	
29.00	0.44	
30.00	0.08	
31.00	0.11	
32.00	0.07	
33.00	0.03	
34.00	0.00	
35.00	0.10	
36.00	0.03	
37.00	0.17	
38.00	0.21	
39.00	0.04	
40.00	0.01	
41.00	0.45	
42.00	0.03	
43.00	0.03	
44.00	0.36	
45.00	0.19	
46.00	0.06	
47.00	0.38	
48.00	0.10	
49.00	0.12	
50.00	0.39	

Depth (m)	Magnetic Susceptibility	DESCRIPTION
52.00	0.02	
53.00	0.12	
54.00	0.03	
55.00	0.02	
56.00	0.03	
57.00	0.18	
58.00	0.19	
59.00	0.21	
60.00	0.21	
61.00	0.16	
62.00	0.22	
63.00	0.16	
64.00	0.04	
65.00	0.00	
66.00	0.01	
67.00	0.09	
68.00	0.24	
70.00	0.02	
71.00	0.13	
72.00	0.20	
73.00	0.46	
74.00	0.00	
75.00	0.08	
76.00	0.07	
77.00	0.03	
78.00	0.07	
79.00	1.14	
80.00	0.00	
81.00	0.01	
82.00	0.01	
83.00	0.01	
84.00	0.03	
85.00	0.02	
86.00	0.00	
87.00	0.01	
88.00	0.04	
89.00	0.01	
90.00	0.15	
91.00	0.05	
92.00	0.01	
93.00	0.02	
94.00	0.09	
95.00	0.05	
96.00	0.00	
97.00	0.10	
98.00	0.02	
99.00	0.16	
100.00	0.07	
101.00	0.07	
102.00	1.13	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptibility	DESCRIPTION
51.00	0.25	
104.00	0.03	
105.00	0.01	
106.00	0.00	
107.00	0.02	
108.00	0.19	
109.00	0.09	
110.00	0.13	
111.00	0.22	
112.00	0.21	
113.00	0.04	
114.00	0.14	
115.00	0.05	
116.00	0.30	
117.00	0.29	
118.00	0.12	
119.00	0.13	
120.00	0.08	
121.00	0.07	
122.00	0.50	
123.00	0.38	
124.00	0.23	
125.00	0.15	
126.00	0.19	
127.00	0.11	
128.00	0.82	
129.00	0.03	
130.00	0.01	
131.00	0.79	
132.00	0.00	Rubble
133.00	1.02	
134.00	0.01	
135.00	0.07	
136.00	0.04	
137.00	0.44	
138.00	0.05	
139.00	0.01	
140.00	0.04	
141.00	0.20	
142.00	0.30	
143.00	0.00	
144.00	0.14	
145.00	0.07	
146.00	0.14	
147.00	0.04	
148.00	0.04	
149.00	0.07	
150.00	0.06	
151.00	0.05	
152.00	0.12	
153.00	0.01	

[illegible]

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptibility	DESCRIPTION
154.00	0.13	
155.00	0.23	

Depth (m)	Magnetic Susceptibility	DESCRIPTION

Box Log

Hole: QB-12-03

Date: Sep-12

Box #	From (m)	To (m)
1	0.95	8.08
2	8.08	12.27
3	12.27	16.43
4	16.43	20.54
5	20.54	24.38
6	24.38	28.33
7	28.33	32.38
8	32.38	36.58
9	36.58	40.90
10	40.90	45.00
11	45.00	49.26
12	49.26	53.58
13	53.58	57.69
14	57.69	61.98
15	61.98	66.28
16	66.28	70.42
17	70.42	74.66
18	74.66	79.08
19	79.08	83.29
20	83.29	87.65
21	87.65	91.82
22	91.82	95.91
23	95.91	100.17
24	100.17	104.52
25	104.52	108.73
26	108.73	112.78
27	112.78	116.72
28	116.72	120.35
29	120.35	123.70
30	123.70	127.47
31	127.47	130.28
32	130.28	133.88
33	133.88	137.50
34	137.50	141.28
35	141.28	144.77
36	144.77	148.67
37	148.67	152.77
38	152.77	156.85
39	156.85	160.80
40	160.80	164.59
41	164.59	168.45
42	168.45	172.14
43	172.14	175.85
44	175.85	179.83
45	179.83	184.00
46	184.00	188.13

[illegible]

APPENDIX III
CERTIFICATES OF ANALYSIS



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **STRATEGIC METALS LTD.**

C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8**

Page: 1
Finalized Date: 1- OCT- 2012
Account: MTT

CERTIFICATE WH12223910

Project: QB
P.O. No.: Batch 1
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT,
Canada on 20- SEP- 2012.

The following have access to data associated with this certificate:

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um
LOG- 22d	Sample login - Rcd w/o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 23	Pulp Login - Rcd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **STRATEGIC METALS LTD.**
ATTN: SARAH EATON
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: STRATEGIC METALS LTD.
C/ O ARCHER, CATHRO & ASSOCIATES (1981)
LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Page: 2 - A
Total # Pages: 2 (A - D)
Plus Appendix Pages
Finalized Date: 1- OCT- 2012
Account: MTT

Project: QB

CERTIFICATE OF ANALYSIS WH12223910

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
G285465		4.86	0.002	0.04	0.40	<2	<0.2	<10	20	0.30	0.03	19.90	0.05	10.40	1.4	<1
G285466		5.06	0.002	0.77	0.80	3	<0.2	<10	20	0.73	0.12	19.75	1.43	14.50	3.3	2
G285467		0.25	0.263	>100	1.27	241	0.2	<10	100	0.21	5.16	0.64	23.5	8.70	11.9	32
G285468		9.22	0.002	0.84	1.27	23	<0.2	10	30	0.78	0.20	12.85	1.23	16.00	11.6	9
G285469		8.53	0.003	0.33	1.40	22.4	<0.2	10	70	0.83	0.52	2.16	0.23	57.0	17.1	16
G285470		8.75	0.002	0.19	1.23	12.6	<0.2	<10	70	0.70	0.47	2.62	0.01	46.8	17.4	35
G285471		8.15	0.002	0.06	2.16	5.8	<0.2	<10	90	1.26	0.28	1.97	0.01	39.1	27.8	32
G285472		3.23	0.002	<0.01	0.02	<2	<0.2	<10	10	<0.05	0.02	19.80	0.06	1.24	1.2	<1
G285473		5.96	0.002	0.16	1.18	9	<0.2	<10	10	0.59	0.18	17.70	0.84	14.20	15.2	71
G285474		8.23	0.003	0.25	0.48	5	<0.2	<10	10	0.47	0.05	18.25	1.00	12.05	3.4	6
G285475		2.61	0.003	1.32	1.19	11	<0.2	10	30	0.77	0.21	16.75	3.71	15.10	12.3	6
G285476		10.25	0.001	0.02	0.34	<2	<0.2	<10	20	0.20	0.04	20.0	0.08	9.05	1.2	<1
G285477		2.92	0.001	0.02	1.42	<2	<0.2	<10	120	0.89	0.13	19.85	0.04	28.2	6.2	6
G285478		<0.02	0.002	0.03	1.42	<2	<0.2	<10	120	0.89	0.13	19.55	0.04	28.2	6.3	6
G285479		9.82	0.001	0.05	2.27	0.7	<0.2	<10	170	1.20	0.62	3.33	0.01	81.5	13.3	23
G285480		7.66	0.001	0.10	2.32	0.4	<0.2	<10	210	1.05	0.57	3.58	0.02	63.4	16.0	23
G285481		7.01	0.001	0.09	1.65	0.8	<0.2	<10	70	0.86	0.32	7.71	0.03	69.7	12.7	14
G285482		6.39	0.001	0.14	2.28	3.0	<0.2	<10	100	1.16	0.33	2.82	0.02	52.8	20.6	18
G285483		0.25	0.264	>100	1.27	242	0.4	<10	100	0.25	5.03	0.63	22.9	8.96	12.0	32
G285484		9.63	0.002	0.07	0.53	<2	<0.2	<10	20	0.36	0.04	19.80	0.18	12.90	1.9	1
G285485		10.13	0.001	0.04	0.05	<2	<0.2	<10	<10	0.15	0.02	20.0	0.12	5.23	1.2	<1
G285486		4.34	0.002	0.03	0.06	<2	<0.2	<10	<10	0.15	0.02	21.3	0.10	5.63	1.2	<1
G285487		10.18	0.002	0.33	0.40	8	<0.2	<10	<10	0.37	0.14	19.85	0.54	9.26	2.2	<1
G285488		8.73	0.002	0.10	0.55	5	<0.2	<10	20	0.32	0.11	19.20	0.17	14.10	4.5	2
G285489		7.78	0.003	0.06	0.91	3	<0.2	<10	70	0.40	0.09	24.8	0.09	23.4	8.8	<1
G285490		2.38	0.002	0.11	2.11	10	<0.2	<10	10	1.04	0.16	18.00	0.16	24.7	19.1	14
G285491		6.86	0.001	0.66	1.88	20	<0.2	<10	10	0.96	2.55	17.80	0.32	20.1	17.1	18
G285492		3.98	0.005	0.39	2.62	24.6	<0.2	<10	30	1.87	1.01	4.35	1.29	44.4	19.9	31
G285493		8.98	0.002	0.20	2.75	2.5	<0.2	<10	50	1.84	0.95	4.02	0.11	67.7	17.4	42
G285494		4.63	0.024	1.51	2.33	82.7	<0.2	<10	30	1.04	2.37	3.94	0.09	40.5	63.6	26
G285495		3.00	0.001	<0.01	0.03	<2	<0.2	<10	10	<0.05	0.02	20.3	0.06	1.48	1.3	<1
G285496		6.26	0.001	0.14	2.17	3.5	<0.2	10	30	1.84	0.41	5.78	0.06	67.2	14.9	28
G285497		7.59	0.001	0.04	3.55	0.6	<0.2	<10	180	1.74	0.27	3.44	0.06	35.7	20.0	61
G285498		4.99	0.020	0.14	3.92	1.2	<0.2	<10	140	2.59	0.21	4.17	0.11	77.5	19.4	55
G285499		5.56	0.009	0.35	3.27	5.3	<0.2	10	100	2.83	0.26	2.29	0.06	105.0	24.5	38
G285500		7.45	0.001	0.15	0.96	1.3	<0.2	<10	20	0.89	1.02	1.05	0.03	162.5	4.5	8



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
G285465		5.04	1.8	1.17	2.07	0.06	0.04	0.01	0.026	0.14	3.6	32.0	9.44	2240	0.09
G285466		5.78	5.0	1.88	3.90	0.08	0.05	0.01	0.053	0.13	4.9	36.3	5.91	3010	0.15
G285467		0.34	6440	5.31	4.61	0.11	0.25	1.30	0.454	0.10	4.1	10.3	0.79	1640	19.25
G285468		6.55	16.6	1.98	4.79	0.05	0.03	0.01	0.026	0.31	7.0	56.4	6.32	2040	0.09
G285469		8.25	23.7	2.38	4.45	0.09	0.03	<0.01	0.028	0.44	27.2	66.3	1.07	476	0.24
G285470		4.52	18.9	2.07	3.82	0.08	0.03	0.01	0.022	0.34	22.2	49.4	1.08	372	0.25
G285471		11.60	32.9	2.74	6.25	0.09	0.03	<0.01	0.021	0.48	19.0	106.5	1.97	191	0.30
G285472		0.13	3.1	0.45	0.12	0.07	<0.02	0.01	<0.005	0.01	0.6	1.0	12.30	196	0.07
G285473		4.89	8.2	2.37	3.42	0.08	0.04	0.01	0.046	0.09	6.4	56.2	8.62	1720	0.44
G285474		2.16	3.0	1.63	2.10	0.05	0.03	0.01	0.023	0.06	4.5	23.0	8.52	1790	0.16
G285475		7.36	14.9	2.17	3.26	0.06	0.06	0.01	0.035	0.28	6.2	59.5	2.56	1240	0.13
G285476		3.65	1.5	1.09	1.35	0.07	0.03	0.01	0.018	0.12	3.0	25.4	11.65	1400	0.06
G285477		23.7	4.9	1.46	4.59	0.09	0.05	0.01	0.021	0.81	11.9	48.7	5.47	557	0.11
G285478		23.8	4.2	1.43	4.61	0.09	0.04	0.01	0.019	0.81	12.0	48.5	5.55	556	0.11
G285479		15.15	18.2	3.30	6.75	0.15	0.05	0.01	0.029	0.99	40.8	82.1	1.77	172	0.18
G285480		20.8	25.9	3.78	7.13	0.14	0.04	0.01	0.034	0.95	31.5	81.4	2.03	351	0.15
G285481		7.93	21.3	3.59	5.24	0.13	0.04	0.01	0.023	0.37	33.9	79.7	2.60	786	0.23
G285482		13.20	26.7	4.41	6.30	0.14	0.04	0.01	0.031	0.58	26.7	104.0	1.87	245	0.47
G285483		0.35	6440	5.31	4.52	0.13	0.25	1.25	0.439	0.10	4.3	9.2	0.78	1640	19.40
G285484		1.11	6.2	1.31	1.62	0.05	0.02	0.01	0.020	0.06	5.4	20.8	10.60	1460	0.16
G285485		0.20	1.3	1.09	0.40	0.05	<0.02	0.01	0.019	<0.01	1.9	3.0	11.50	1680	0.54
G285486		0.18	4.8	1.14	0.41	0.06	<0.02	0.01	0.019	<0.01	2.0	3.2	12.25	1780	0.44
G285487		1.04	4.8	2.07	1.74	0.06	0.02	0.01	0.031	0.02	3.5	16.9	10.70	3590	0.14
G285488		1.72	4.3	1.52	1.68	0.06	0.03	0.01	0.017	0.09	5.9	18.8	9.78	1420	0.12
G285489		5.64	8.1	2.24	3.28	0.07	0.05	0.01	0.023	0.21	10.5	42.3	1.28	410	0.31
G285490		2.15	3.5	2.50	5.97	0.10	0.05	0.01	0.052	0.04	12.2	96.4	4.39	856	0.15
G285491		1.83	25.0	3.59	5.42	0.11	0.04	0.01	0.041	0.04	9.8	84.6	4.94	1240	0.32
G285492		13.30	47.9	5.30	7.47	0.14	0.03	0.01	0.037	0.32	24.6	193.5	2.02	575	0.25
G285493		14.70	44.5	4.85	8.97	0.15	0.04	0.01	0.036	0.47	38.0	190.5	1.66	509	0.26
G285494		4.70	211	13.65	7.75	0.26	0.03	0.01	0.034	0.40	22.6	123.5	1.34	853	0.55
G285495		0.31	1.9	0.51	0.16	0.06	<0.02	0.01	<0.005	0.02	0.7	1.3	12.60	207	0.10
G285496		15.70	28.4	3.62	6.33	0.12	0.03	0.01	0.035	0.35	38.4	166.0	1.16	445	1.40
G285497		23.6	33.2	4.27	11.75	0.13	0.02	0.01	0.025	1.20	20.5	161.5	1.92	436	0.37
G285498		20.5	24.7	4.29	17.60	0.16	0.04	0.01	0.040	1.74	43.0	158.5	1.95	410	0.79
G285499		16.15	52.8	3.88	15.45	0.20	0.06	<0.01	0.044	1.23	57.8	136.0	1.20	408	3.68
G285500		3.45	31.5	3.00	5.02	0.19	0.09	0.01	0.025	0.25	89.9	41.8	0.17	437	9.77



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		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
G285465		0.12	0.9	80	4.0	25.1	0.001	0.01	0.21	1.8	0.3	0.9	287	<0.01	0.02
G285466		0.14	3.1	100	249	22.6	0.001	0.21	0.52	3.0	0.5	2.6	443	0.01	0.02
G285467		0.30	27.6	450	>10000	3.7	0.009	2.36	438	5.0	2.2	1.6	27.7	<0.01	1.13
G285468		0.08	21.3	380	98.4	40.7	<0.001	0.61	2.73	4.8	0.4	7.4	254	<0.01	0.01
G285469		<0.05	36.8	740	21.4	40.5	<0.001	1.14	3.54	4.9	0.5	1.9	77.2	<0.01	0.02
G285470		<0.05	55.1	510	5.6	30.6	<0.001	0.82	5.95	4.4	0.4	1.2	111.5	<0.01	0.01
G285471		0.05	44.3	580	4.1	45.2	<0.001	0.59	7.04	4.5	0.4	0.9	81.6	<0.01	0.01
G285472		0.16	1.7	160	1.8	0.7	<0.001	<0.01	<0.05	0.3	0.2	<0.2	46.7	<0.01	0.01
G285473		0.16	56.2	720	120.0	11.3	0.001	0.29	35.5	7.3	0.5	0.9	355	0.01	0.01
G285474		0.14	7.1	150	44.9	7.6	0.001	0.19	3.70	2.4	0.4	2.1	329	<0.01	0.02
G285475		0.14	21.2	290	443	31.8	<0.001	1.19	5.29	4.6	0.7	7.3	391	0.01	0.02
G285476		0.17	1.7	120	7.3	16.8	0.001	0.01	0.26	1.3	0.3	0.5	185.5	<0.01	0.01
G285477		0.21	10.2	180	4.6	73.2	0.001	0.27	0.83	3.7	0.5	0.5	429	0.01	0.01
G285478		0.21	10.3	180	4.1	73.4	0.001	0.25	0.73	3.6	0.5	0.5	421	0.01	0.01
G285479		0.18	30.8	550	3.9	70.4	<0.001	0.88	2.27	5.1	0.6	0.6	69.6	0.01	0.02
G285480		0.13	34.0	430	4.3	73.3	<0.001	1.51	0.84	5.3	0.5	0.7	47.7	0.01	0.02
G285481		0.10	24.9	430	3.2	28.8	<0.001	1.49	1.25	3.8	0.6	0.4	125.5	0.01	0.02
G285482		0.10	44.6	1220	4.6	43.3	0.001	1.90	2.03	5.7	0.6	0.4	69.3	0.01	0.02
G285483		0.30	28.5	450	>10000	3.6	0.010	2.35	438	4.8	2.2	1.6	26.2	<0.01	1.21
G285484		0.14	3.5	120	15.3	4.8	0.001	0.02	0.43	1.9	0.3	0.7	276	<0.01	0.01
G285485		0.16	1.2	100	7.0	0.4	<0.001	0.01	0.20	0.6	0.2	<0.2	188.0	<0.01	0.02
G285486		0.17	1.3	110	5.4	0.3	0.001	<0.01	0.16	0.6	0.3	<0.2	206	<0.01	0.02
G285487		0.17	3.5	160	41.8	3.1	<0.001	0.18	0.85	1.6	0.4	0.5	280	<0.01	0.02
G285488		0.16	8.1	180	17.1	7.5	<0.001	0.25	2.05	2.2	0.4	0.3	293	<0.01	0.02
G285489		0.35	7.5	810	15.2	14.7	0.001	0.40	1.49	4.9	0.5	0.3	1805	<0.01	0.02
G285490		0.17	18.3	200	26.5	5.4	<0.001	0.40	1.73	5.0	0.6	0.9	961	0.01	0.02
G285491		0.17	21.8	350	52.4	4.8	<0.001	1.15	0.61	5.1	0.6	1.0	811	<0.01	0.02
G285492		0.09	43.1	300	96.0	33.6	<0.001	1.17	2.08	5.8	0.6	4.6	159.0	0.01	0.03
G285493		0.12	42.3	370	23.8	43.0	<0.001	0.42	0.77	5.8	0.5	2.6	168.5	0.01	0.02
G285494		0.22	52.3	300	51.2	41.1	0.001	>10.0	8.36	5.6	1.4	7.1	234	<0.01	0.03
G285495		0.19	2.5	180	1.4	1.4	<0.001	0.02	<0.05	0.4	0.3	<0.2	47.3	<0.01	0.01
G285496		0.08	37.3	470	12.9	33.1	0.002	0.38	1.47	5.9	0.7	1.1	270	0.01	0.02
G285497		0.29	47.5	440	11.8	84.2	0.001	0.31	0.23	7.0	0.5	1.9	151.5	<0.01	0.01
G285498		2.69	50.5	440	14.5	151.5	<0.001	0.25	0.34	8.0	0.8	2.4	183.5	0.01	0.01
G285499		4.62	132.5	330	8.3	124.0	0.001	0.51	0.87	6.1	1.0	3.7	131.5	0.01	0.02
G285500		3.93	5.5	120	6.7	19.3	<0.001	1.25	0.23	1.0	0.9	1.2	37.6	0.03	0.01



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm	Ag- OG46 Ag ppm	Pb- OG46 Pb %
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	1	0.001
G285465		<0.005	0.17	2.54	3	0.33	7.95	23	1.2		
G285466		<0.005	0.26	2.01	6	0.19	13.20	338	1.3		
G285467		0.091	0.21	0.87	42	0.23	6.75	5250	8.0	103	1.065
G285468		<0.005	0.44	2.94	11	0.27	10.35	312	0.6		
G285469		0.007	0.48	4.00	13	0.49	13.25	109	0.6		
G285470		<0.005	0.49	3.38	16	0.22	12.50	13	0.6		
G285471		0.013	0.57	3.67	20	0.26	10.65	25	0.9		
G285472		<0.005	<0.02	0.81	1	<0.05	0.79	17	<0.5		
G285473		<0.005	0.16	1.08	27	0.39	10.90	245	0.8		
G285474		<0.005	0.13	1.38	6	0.29	9.60	397	0.6		
G285475		<0.005	0.36	2.41	8	0.44	18.30	1080	1.6		
G285476		<0.005	0.11	1.07	3	0.23	5.19	29	0.8		
G285477		0.029	0.45	1.64	10	0.18	13.90	12	1.0		
G285478		0.029	0.44	1.64	9	0.18	13.70	11	1.0		
G285479		0.062	0.58	3.54	20	0.21	20.8	17	0.6		
G285480		0.058	0.62	2.97	20	1.47	17.65	16	<0.5		
G285481		0.010	0.33	2.88	14	0.16	19.70	15	0.6		
G285482		0.030	0.57	2.91	34	0.26	15.95	25	0.6		
G285483		0.093	0.21	0.73	42	0.23	6.45	5230	7.7	101	1.050
G285484		<0.005	0.04	0.85	4	0.17	7.33	69	0.6		
G285485		<0.005	<0.02	0.59	<1	0.10	3.08	51	<0.5		
G285486		<0.005	<0.02	0.51	1	0.11	3.39	44	<0.5		
G285487		<0.005	0.07	1.33	4	0.13	6.99	212	0.5		
G285488		<0.005	0.11	1.30	5	0.16	10.20	83	0.7		
G285489		0.044	0.14	1.35	23	0.10	9.58	58	1.2		
G285490		<0.005	0.13	1.46	16	0.16	15.65	79	1.0		
G285491		<0.005	0.13	1.53	18	0.15	13.30	188	0.8		
G285492		<0.005	0.36	1.70	25	0.36	15.00	527	0.5		
G285493		0.017	0.35	1.82	32	0.22	15.85	98	<0.5		
G285494		0.006	0.58	2.13	25	0.52	11.35	60	<0.5		
G285495		<0.005	<0.02	0.85	1	<0.05	0.90	16	<0.5		
G285496		0.005	0.33	2.73	25	0.19	19.20	73	<0.5		
G285497		0.118	0.43	1.13	51	0.27	8.85	77	<0.5		
G285498		0.197	0.73	2.33	44	0.48	20.0	91	<0.5		
G285499		0.102	0.62	3.77	30	0.63	21.8	85	1.1		
G285500		0.007	0.11	5.42	3	0.44	29.9	35	1.5		



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CERTIFICATE OF ANALYSIS WH12223910

Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Samples with Ca> 10%on ICP- MS As. ICP- AES As results reported (2 ppm DL) Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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CERTIFICATE WH12232129

Project: QB

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 2- OCT- 2012.

The following have access to data associated with this certificate:

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES

To: **STRATEGIC METALS LTD.
ATTN: SARAH EATON
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Comments: **RE- ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH1223915**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH12232129

Sample Description	Method Analyte Units LOR	Au- ICP21 Au ppm 0.001
K191901		0.002
K191902		0.001
K191903		0.001
K191904		0.001
K191905		0.001
K191906		0.001
K191907		0.001
K191908		<0.001
K191909		0.001
K191910		<0.001
K191911		0.001
K191912		0.268
K191913		0.002
K191914		<0.001
K191915		0.001
K191916		<0.001
K191917		0.002
K191918		0.002
K191919		0.001
K191920		0.002
K191921		<0.001
K191922		0.004
K191923		0.003
K191924		0.003
K191925		0.002
K191926		<0.001
K191927		<0.001
K191928		<0.001
K191929		<0.001
K191930		0.254
K191931		0.001
K191932		0.001
K191933		0.001
K191934		0.001
K191935		<0.001
K191936		0.001

Comments: **RE- ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH1223915**



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CERTIFICATE WH12223915

Project: QB

P.O. No.: Batch 2

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20- SEP- 2012.

The following have access to data associated with this certificate:

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um
LOG- 22d	Sample login - Rcd w/o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 23	Pulp Login - Rcd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **STRATEGIC METALS LTD.**
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***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH12223915

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
K191901		7.67	0.003	0.25	0.78	1.8	<0.2	<10	20	1.46	1.10	1.52	0.07	130.5	6.1	3
K191902		6.20	0.003	0.09	2.64	5.1	<0.2	<10	120	1.47	0.15	4.09	0.06	76.2	16.5	102
K191903		10.29	0.005	0.02	2.90	1.4	<0.2	<10	210	0.61	0.06	1.49	0.02	28.0	19.4	57
K191904		4.80	0.004	0.05	2.88	3.9	<0.2	<10	60	2.05	0.44	4.42	0.04	54.0	19.6	53
K191905		3.41	0.002	0.04	3.13	34.6	<0.2	<10	140	1.38	0.21	3.81	0.05	53.4	23.8	84
K191906		5.86	0.001	0.08	1.35	2.8	<0.2	<10	30	0.78	0.23	1.16	0.04	133.0	3.5	3
K191907		2.90	0.001	0.01	0.02	<2	<0.2	<10	10	0.06	0.06	20.3	0.06	1.50	1.3	<1
K191908		6.21	0.002	0.06	2.46	4.6	<0.2	<10	50	1.51	0.28	3.86	0.05	59.1	15.0	31
K191909		7.65	0.002	0.07	2.38	6.3	<0.2	<10	80	2.02	0.19	2.66	0.04	37.5	17.6	46
K191910		6.43	0.001	0.07	2.87	4.2	<0.2	<10	80	3.16	0.22	3.56	0.04	73.0	20.0	46
K191911		9.45	0.002	0.04	2.72	0.9	<0.2	<10	90	1.82	0.10	1.75	0.03	26.2	17.6	48
K191912		0.20	0.267	>100	1.22	247	0.2	<10	90	0.22	4.83	0.62	22.9	8.63	11.6	31
K191913		9.91	0.002	0.06	2.45	0.4	<0.2	<10	110	0.89	0.10	1.32	0.05	46.4	15.4	43
K191914		10.51	0.002	0.04	3.29	1.4	<0.2	<10	180	0.91	0.10	1.58	0.04	23.5	19.2	79
K191915		7.13	0.001	0.04	3.55	0.8	<0.2	<10	180	2.03	0.11	2.19	0.06	22.6	19.6	56
K191916		3.19	0.002	0.04	3.10	2.4	<0.2	<10	180	2.45	0.20	2.26	0.04	51.0	15.3	53
K191917		3.65	0.003	0.26	1.20	15.5	<0.2	<10	120	1.86	0.62	9.68	0.21	39.5	11.5	12
K191918		2.95	0.001	0.01	0.05	<2	<0.2	<10	20	0.07	0.02	20.0	0.06	1.37	1.3	<1
K191919		6.62	0.002	0.20	1.35	2.4	<0.2	<10	40	1.64	1.78	2.62	0.09	79.0	5.8	33
K191920		9.01	0.002	0.24	1.30	2.5	<0.2	<10	50	1.78	1.60	1.98	0.11	113.5	7.7	5
K191921		2.99	0.001	0.04	0.72	1.0	<0.2	<10	60	0.93	0.45	1.32	0.05	79.8	3.4	4
K191922		7.26	0.004	0.10	1.33	3.2	<0.2	<10	70	1.74	3.59	3.14	0.06	84.2	8.2	12
K191923		6.93	0.003	9.00	2.59	9.3	<0.2	<10	20	1.28	16.20	2.49	3.20	50.4	16.7	10
K191924		<0.02	0.003	8.97	2.72	9.7	<0.2	<10	20	1.28	17.05	2.63	3.23	50.9	17.1	12
K191925		6.33	0.001	0.38	0.50	1.1	<0.2	<10	10	0.86	1.31	1.23	0.13	137.0	3.3	5
K191926		6.64	0.002	0.11	1.06	1.5	<0.2	<10	30	1.59	0.31	1.62	0.07	136.5	5.3	9
K191927		4.35	0.001	0.07	2.80	2.2	<0.2	<10	100	1.73	0.17	2.38	0.03	58.9	21.1	70
K191928		7.19	0.001	0.11	2.50	2.5	<0.2	<10	70	1.03	0.22	1.97	0.13	77.1	14.7	80
K191929		9.41	0.001	0.06	1.33	0.8	<0.2	<10	40	1.02	0.15	0.84	0.01	92.8	8.5	27
K191930		0.20	0.314	>100	1.22	233	0.2	<10	100	0.24	4.97	0.62	23.0	8.91	12.0	31
K191931		10.00	0.001	0.14	2.24	1.6	<0.2	<10	50	1.14	0.25	1.19	0.12	82.1	18.4	34
K191932		10.34	0.001	0.06	2.29	0.2	<0.2	<10	80	0.81	0.14	0.92	0.03	66.1	20.0	38
K191933		8.23	<0.001	0.06	2.42	0.5	<0.2	<10	70	0.64	0.12	0.84	0.01	71.0	21.0	36
K191934		3.49	0.001	0.05	2.42	0.3	<0.2	<10	70	0.62	0.12	0.83	0.01	69.9	21.3	37
K191935		7.74	<0.001	0.04	2.48	0.6	<0.2	<10	50	1.03	0.15	0.94	0.01	80.3	11.4	33
K191936		9.56	0.002	0.28	0.62	2.0	<0.2	<10	20	1.45	1.34	0.79	0.03	124.0	8.5	7



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CERTIFICATE OF ANALYSIS WH12223915

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
K191901		5.56	43.7	3.28	3.58	0.15	0.06	<0.01	0.022	0.33	73.9	29.8	0.06	512	3.71
K191902		12.65	15.9	3.48	8.81	0.14	0.07	0.01	0.034	1.59	42.7	128.5	1.70	649	2.79
K191903		12.05	16.1	3.81	8.74	0.16	0.04	<0.01	0.011	1.53	16.4	129.5	1.89	417	0.26
K191904		16.70	26.9	4.96	11.70	0.15	0.05	0.01	0.028	0.85	30.7	208	1.80	749	1.00
K191905		24.5	29.2	4.87	13.30	0.18	0.04	<0.01	0.038	1.57	30.7	204	2.06	644	0.78
K191906		4.54	20.9	3.70	11.60	0.21	0.09	<0.01	0.065	0.49	72.6	70.2	0.13	588	6.11
K191907		0.22	4.4	0.50	0.18	0.07	<0.02	0.01	<0.005	0.01	0.8	1.1	12.70	215	0.25
K191908		14.20	14.7	3.96	8.84	0.12	0.04	0.01	0.029	0.73	33.6	164.0	1.32	562	0.60
K191909		13.45	25.9	3.59	8.93	0.11	0.04	<0.01	0.018	0.57	21.2	156.5	1.54	459	2.11
K191910		24.1	29.2	4.57	10.10	0.14	0.06	0.01	0.036	0.58	41.6	226	1.73	540	1.84
K191911		15.70	27.9	3.91	9.31	0.12	0.02	<0.01	0.019	0.97	15.2	151.5	1.70	421	0.98
K191912		0.36	6430	5.20	4.48	0.12	0.25	1.23	0.441	0.10	4.2	9.9	0.75	1620	18.60
K191913		9.11	23.6	3.79	9.47	0.14	0.04	<0.01	0.023	0.73	26.4	146.5	1.46	416	1.10
K191914		8.21	23.6	4.10	11.65	0.15	0.04	<0.01	0.019	1.21	13.6	171.5	1.93	394	0.57
K191915		19.65	27.2	4.52	11.90	0.12	0.03	<0.01	0.020	1.06	13.2	211	2.03	502	0.55
K191916		19.25	21.4	4.05	11.80	0.13	0.03	<0.01	0.018	1.08	30.4	178.0	1.79	476	1.10
K191917		6.72	82.8	2.81	4.53	0.10	0.05	<0.01	0.020	0.27	23.8	69.1	0.75	691	11.55
K191918		0.74	3.4	0.48	0.29	0.07	<0.02	0.01	<0.005	0.03	0.7	1.6	12.35	213	0.11
K191919		5.08	13.3	2.93	6.36	0.11	0.06	<0.01	0.026	0.26	42.6	74.1	0.61	587	3.41
K191920		4.49	18.7	3.18	6.68	0.14	0.07	<0.01	0.026	0.25	63.8	74.8	0.56	501	2.40
K191921		2.90	10.5	1.74	4.46	0.10	0.06	<0.01	0.019	0.21	41.6	34.7	0.13	308	3.71
K191922		9.19	17.9	2.18	4.57	0.10	0.06	<0.01	0.016	0.42	46.6	84.1	0.67	414	3.55
K191923		3.84	87.9	6.75	10.60	0.15	0.07	<0.01	0.058	0.36	28.1	153.0	1.13	1160	2.17
K191924		3.94	96.0	7.09	11.45	0.16	0.07	0.01	0.059	0.36	27.9	159.0	1.20	1230	2.21
K191925		2.82	21.1	1.17	2.76	0.12	0.06	<0.01	0.012	0.24	79.4	16.2	0.09	284	2.31
K191926		4.11	11.6	1.70	4.57	0.12	0.06	<0.01	0.014	0.34	78.1	45.0	0.35	341	3.18
K191927		8.43	13.9	4.97	10.95	0.16	0.03	<0.01	0.035	0.93	29.0	159.0	1.35	709	0.54
K191928		9.38	9.7	4.28	9.65	0.16	0.04	0.01	0.035	0.83	38.9	140.0	1.33	685	0.84
K191929		5.67	15.2	2.51	6.73	0.14	0.05	0.01	0.013	0.45	50.7	74.1	0.56	304	1.86
K191930		0.36	6290	5.16	4.56	0.12	0.25	1.23	0.445	0.10	4.4	9.9	0.75	1600	19.05
K191931		14.80	27.8	4.04	7.92	0.15	0.04	<0.01	0.026	0.67	42.5	114.0	1.27	505	0.66
K191932		7.70	25.9	4.23	7.88	0.15	0.04	<0.01	0.028	0.64	33.3	112.5	1.13	394	0.38
K191933		5.59	24.9	4.58	7.87	0.15	0.03	0.01	0.025	0.51	36.8	107.5	1.11	553	0.38
K191934		5.78	23.6	4.63	8.04	0.17	0.02	<0.01	0.027	0.55	36.7	105.0	1.15	551	0.36
K191935		7.45	12.1	3.32	8.75	0.14	0.07	<0.01	0.019	0.65	41.7	125.0	1.79	299	0.90
K191936		2.78	25.6	1.92	3.57	0.14	0.06	<0.01	0.005	0.27	69.7	25.0	0.11	163	4.02



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CERTIFICATE OF ANALYSIS WH12223915

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
K191901		2.93	1.9	170	13.6	33.2	<0.001	2.27	0.31	0.7	0.9	1.4	68.3	0.02	0.01
K191902		0.52	49.8	680	6.2	127.5	0.001	0.13	0.07	6.8	0.6	1.4	92.7	0.02	0.01
K191903		0.31	46.9	340	3.7	123.0	<0.001	0.10	0.07	3.5	0.4	0.9	83.2	0.01	0.01
K191904		0.14	44.5	780	7.0	87.4	0.001	0.46	0.46	7.6	0.5	3.4	192.5	0.01	0.01
K191905		0.24	56.5	660	7.7	151.0	0.001	0.15	0.18	8.6	0.6	1.6	153.5	0.01	0.01
K191906		7.58	2.3	200	2.7	50.3	<0.001	0.78	0.19	1.1	0.8	2.2	34.4	0.03	0.01
K191907		0.20	2.8	180	1.2	1.1	0.001	<0.01	<0.05	0.3	0.2	<0.2	49.1	<0.01	0.01
K191908		0.18	39.1	390	7.7	71.6	<0.001	0.24	0.30	4.7	0.4	1.1	150.5	0.01	0.01
K191909		0.27	42.5	340	7.0	52.6	<0.001	0.24	0.25	3.3	0.3	1.7	205	0.01	0.01
K191910		0.23	44.3	820	8.1	56.1	0.001	0.28	0.50	6.3	0.6	1.9	297	0.01	0.01
K191911		0.27	42.8	350	6.5	73.0	0.001	0.21	0.09	4.1	0.4	0.8	214	<0.01	0.01
K191912		0.23	27.4	440	>10000	3.6	0.010	2.31	430	4.4	1.9	1.5	27.3	<0.01	1.21
K191913		0.68	31.9	480	8.0	51.1	<0.001	0.23	0.18	4.0	0.5	1.1	129.0	0.01	<0.01
K191914		0.39	52.6	450	4.8	78.5	0.001	0.24	0.06	6.9	0.4	2.2	127.5	0.01	0.01
K191915		0.21	45.3	540	5.9	74.3	<0.001	0.19	0.06	6.6	0.4	1.5	242	<0.01	0.01
K191916		0.18	41.3	300	6.5	78.6	0.001	0.15	0.08	6.4	0.5	1.8	239	0.01	0.01
K191917		0.28	44.0	4340	9.8	22.3	0.021	1.44	1.39	2.7	3.1	0.7	291	0.01	0.06
K191918		0.22	3.1	190	1.5	3.3	<0.001	0.01	<0.05	0.4	0.2	<0.2	48.9	<0.01	0.01
K191919		0.61	21.0	510	15.4	28.4	0.001	0.59	0.26	1.9	0.6	1.7	138.5	0.01	0.01
K191920		1.06	8.3	820	22.5	27.6	0.001	1.20	0.41	1.5	0.8	2.4	107.5	0.02	0.02
K191921		3.12	2.8	230	5.6	21.3	<0.001	0.48	0.31	0.6	0.7	1.3	53.8	0.02	<0.01
K191922		0.87	19.6	1170	6.2	36.3	0.003	0.63	0.70	1.5	0.8	1.0	143.0	0.01	0.03
K191923		1.10	11.4	500	582	35.2	<0.001	2.22	2.26	3.2	0.7	5.3	87.7	0.04	0.05
K191924		1.07	11.7	540	589	35.4	0.001	2.25	2.14	3.3	0.8	5.4	91.8	0.03	0.05
K191925		7.17	1.8	60	24.1	23.9	<0.001	0.57	0.30	0.4	0.7	1.1	93.0	0.03	0.01
K191926		0.86	9.7	280	14.0	29.5	0.001	0.30	0.17	1.0	0.7	1.4	118.0	0.02	0.01
K191927		0.30	48.4	1000	10.0	74.6	0.001	0.44	0.31	7.0	0.5	0.9	245	0.01	<0.01
K191928		0.25	48.7	1250	14.1	73.7	0.001	0.16	0.14	6.5	0.6	3.2	121.0	0.01	0.01
K191929		0.93	22.1	500	6.4	45.1	<0.001	0.36	0.12	2.8	0.5	1.4	59.2	0.01	0.01
K191930		0.26	28.2	440	>10000	3.8	0.009	2.31	439	4.6	2.0	1.5	27.9	<0.01	1.16
K191931		0.30	39.4	910	25.8	70.8	0.001	0.75	0.36	4.8	0.6	2.0	95.8	0.01	0.01
K191932		0.43	32.5	1120	6.0	51.6	<0.001	0.54	0.07	6.0	0.4	0.9	79.5	0.01	0.01
K191933		0.38	37.5	990	4.6	36.9	<0.001	0.52	0.07	5.9	0.4	0.5	64.4	0.01	0.01
K191934		0.42	38.5	1030	4.3	39.3	<0.001	0.55	0.07	6.0	0.4	0.5	64.7	0.01	0.01
K191935		0.38	28.6	660	5.1	48.6	<0.001	0.31	0.10	4.2	0.5	1.0	84.3	0.01	0.01
K191936		2.37	8.3	230	12.2	27.1	<0.001	1.23	1.21	0.7	0.7	1.0	43.6	0.02	0.04



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CERTIFICATE OF ANALYSIS WH12223915

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	Ag- OG46	Pb- OG46
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Ag ppm	Pb %
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	1	0.001
K191901		<0.005	0.19	5.16	<1	0.52	27.8	18	1.0		
K191902		0.201	0.57	2.68	61	0.62	19.25	79	1.3		
K191903		0.257	0.60	0.52	33	0.33	4.87	85	0.7		
K191904		0.080	0.47	1.54	65	0.27	17.70	88	0.7		
K191905		0.178	0.76	1.50	67	0.23	15.30	112	<0.5		
K191906		0.076	0.23	4.62	2	0.34	27.1	58	1.2		
K191907		<0.005	<0.02	0.82	1	<0.05	0.90	17	<0.5		
K191908		0.061	0.45	1.95	25	0.27	15.55	72	<0.5		
K191909		0.095	0.29	1.20	30	0.27	10.45	83	0.8		
K191910		0.050	0.35	2.04	44	0.34	19.80	89	0.8		
K191911		0.169	0.37	0.81	37	0.21	6.74	86	<0.5		
K191912		0.089	0.23	0.71	41	0.31	6.40	5220	6.9	101	1.050
K191913		0.180	0.24	1.76	36	0.31	9.88	81	0.6		
K191914		0.240	0.35	0.71	53	0.93	6.14	89	0.8		
K191915		0.153	0.36	0.60	58	0.38	6.70	90	<0.5		
K191916		0.101	0.36	1.69	50	0.18	12.60	86	<0.5		
K191917		0.006	0.19	8.73	45	0.53	21.8	58	1.4		
K191918		<0.005	0.02	0.69	2	0.05	0.95	17	<0.5		
K191919		0.008	0.19	3.62	14	0.30	22.9	61	1.2		
K191920		0.015	0.22	4.50	17	0.41	26.6	58	1.5		
K191921		0.006	0.14	5.51	1	0.55	22.8	18	1.1		
K191922		0.013	0.26	4.49	15	0.39	23.2	30	1.3		
K191923		0.009	0.32	4.33	20	0.48	21.4	847	1.5		
K191924		0.009	0.33	4.86	22	0.50	22.4	863	1.4		
K191925		<0.005	0.15	7.38	1	0.96	27.5	33	0.8		
K191926		0.005	0.19	8.37	6	0.50	26.8	28	0.9		
K191927		0.140	0.48	2.40	54	0.16	19.35	71	<0.5		
K191928		0.099	0.38	2.63	50	0.24	19.25	70	0.5		
K191929		0.037	0.24	4.48	19	3.90	20.9	27	0.7		
K191930		0.089	0.22	0.69	41	0.24	6.71	5130	7.3	99	1.050
K191931		0.049	0.44	2.83	32	0.13	17.15	77	<0.5		
K191932		0.097	0.30	2.20	48	0.15	14.70	66	<0.5		
K191933		0.080	0.20	1.94	46	0.09	11.50	63	<0.5		
K191934		0.086	0.23	2.01	47	0.10	11.60	64	<0.5		
K191935		0.055	0.24	4.28	33	0.18	20.2	49	1.1		
K191936		<0.005	0.20	7.53	3	0.28	23.8	13	0.9		



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CERTIFICATE OF ANALYSIS WH12223915

Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Samples with Ca> 10%on ICP- MS As. ICP- AES As results reported (2 ppm DL) Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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CERTIFICATE WH12223916

Project: QB

P.O. No.: Batch 3

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20- SEP- 2012.

The following have access to data associated with this certificate:

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um
LOG- 22d	Sample login - Rcd w/o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 23	Pulp Login - Rcd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **STRATEGIC METALS LTD.**
ATTN: SARAH EATON
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH12223916

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
K191937		8.43	0.001	0.11	1.09	2.6	<0.2	<10	30	0.90	0.34	0.94	0.17	136.5	7.6	20
K191938		8.73	0.003	0.09	0.78	2.4	<0.2	<10	20	0.84	0.28	0.70	0.03	159.5	2.8	8
K191939		7.27	0.002	0.05	1.78	2.3	<0.2	<10	70	0.87	0.20	1.64	0.02	98.3	13.2	40
K191940		7.09	0.001	0.05	1.91	0.8	<0.2	<10	40	1.16	0.23	2.54	0.02	113.5	12.9	72
K191941		0.25	0.280	>100	1.20	239	0.2	<10	90	0.21	5.85	0.60	24.0	8.98	12.3	30
K191942		5.84	0.003	0.12	0.47	<2	<0.2	<10	40	0.25	0.21	>25.0	0.14	13.20	5.1	3
K191943		6.42	0.002	0.04	1.10	2	<0.2	<10	100	0.49	0.25	23.2	0.05	14.60	12.2	35
K191944		9.73	0.001	0.07	0.74	0.2	<0.2	<10	10	0.75	0.20	2.40	0.16	194.5	1.4	3
K191945		10.25	0.001	0.12	1.61	4.8	<0.2	<10	50	0.93	0.29	1.46	0.03	134.0	10.6	17
K191946		5.25	0.005	3.19	1.84	79.3	<0.2	<10	40	1.24	1.63	1.56	5.44	43.6	23.1	17
K191947		2.85	<0.001	<0.01	0.03	<2	<0.2	<10	20	<0.05	0.02	19.75	0.06	1.77	1.2	<1
K191948		5.08	0.002	0.15	1.83	3.4	<0.2	<10	40	1.29	0.48	1.64	0.04	85.9	13.1	27
K191949		6.71	0.001	0.10	1.90	2.8	<0.2	<10	40	1.14	0.22	2.48	0.12	65.1	12.8	29
K191950		7.11	0.001	0.19	1.95	13.6	<0.2	<10	30	1.08	0.27	1.99	0.29	49.1	12.0	35
K191951		6.39	0.003	0.34	1.58	18.1	<0.2	<10	10	1.98	1.73	0.69	0.13	28.4	9.6	53
K191952		2.92	0.002	<0.01	0.03	<2	<0.2	<10	20	0.05	0.03	19.95	0.06	1.59	1.3	<1
K191953		9.88	0.003	0.24	1.89	16.1	<0.2	10	40	1.34	0.35	1.58	0.38	62.7	11.5	15
K191954		9.78	0.002	0.38	2.27	10.1	<0.2	<10	90	1.13	0.60	2.62	0.19	55.0	19.5	13
K191955		9.84	0.003	0.22	1.83	3.8	<0.2	<10	50	1.26	0.45	1.86	0.09	81.1	13.8	23
K191956		4.20	0.002	0.27	1.82	4.1	<0.2	<10	50	1.19	0.66	1.97	0.15	74.3	14.2	23
K191957		9.95	0.001	0.14	2.09	5.4	<0.2	<10	60	1.41	0.29	1.66	0.05	82.5	17.3	27
K191958		3.58	0.001	0.09	2.06	7.1	<0.2	<10	40	1.74	0.36	2.39	0.06	88.8	16.7	25
K191959		3.50	0.001	0.19	2.15	12.2	<0.2	<10	40	1.29	0.35	3.65	0.68	93.1	13.2	21
K191960		2.50	0.004	0.26	0.76	17.7	<0.2	10	20	1.38	0.74	2.41	0.48	73.7	2.9	2
K191961		9.76	0.003	0.53	1.72	17.9	<0.2	<10	30	1.19	1.90	2.07	0.14	84.4	10.0	21
K191962		3.15	0.019	2.57	1.60	86.2	<0.2	<10	20	0.92	44.5	0.43	0.02	64.6	18.9	10
K191963		0.25	0.265	>100	1.24	234	0.2	<10	100	0.23	6.01	0.63	24.9	9.34	12.5	32
K191964		8.23	0.001	0.07	1.27	12	<0.2	<10	40	1.17	0.36	23.6	0.12	41.5	7.4	24
K191965		7.44	0.002	0.14	1.92	3.4	<0.2	<10	140	1.95	0.66	6.05	0.13	53.4	12.7	24
K191966		8.74	0.001	0.04	0.51	4	<0.2	<10	10	0.47	0.10	>25.0	0.08	14.10	3.5	<1
K191967		3.40	0.001	0.40	4.54	14.6	<0.2	<10	60	1.86	0.76	5.16	0.24	22.5	38.1	278
K191968		3.07	0.508	2.05	0.85	67.3	0.4	<10	10	0.25	45.8	1.90	0.04	19.85	165.5	38
K191969		5.93	0.005	0.39	1.87	16.5	<0.2	10	60	1.67	4.56	6.24	0.12	56.5	14.0	20
K191970		<0.02	0.019	0.46	1.87	18.1	<0.2	10	70	1.82	6.03	6.38	0.14	54.9	16.2	17
K191971		6.13	0.001	0.08	1.81	2.4	<0.2	10	70	1.77	0.52	3.28	0.06	69.5	13.6	31
K191972		7.39	0.003	0.78	2.11	14.6	<0.2	10	30	1.91	4.89	5.14	0.18	38.5	17.3	9



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CERTIFICATE OF ANALYSIS WH12223916

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
K191937		2.71	13.0	2.21	4.84	0.13	0.07	<0.01	0.008	0.32	72.1	47.0	0.33	396	3.67
K191938		3.46	9.9	1.80	5.35	0.15	0.07	<0.01	0.007	0.29	88.1	35.6	0.13	317	5.41
K191939		8.32	16.1	3.32	7.00	0.15	0.05	<0.01	0.016	0.69	45.6	92.3	0.85	436	1.48
K191940		10.95	8.2	2.76	7.98	0.14	0.06	<0.01	0.027	0.83	58.3	94.0	1.31	380	1.89
K191941		0.36	6200	5.11	4.72	0.12	0.25	1.27	0.420	0.10	4.2	9.3	0.74	1570	20.8
K191942		5.55	6.9	1.92	2.00	0.07	0.03	0.01	0.063	0.29	6.6	20.3	3.20	1320	0.66
K191943		11.00	13.6	2.19	5.43	0.09	0.06	0.01	0.026	0.62	7.3	56.7	1.71	569	0.73
K191944		3.68	2.7	0.98	3.71	0.14	0.07	<0.01	0.018	0.33	107.0	23.3	0.26	494	4.95
K191945		7.03	13.2	2.95	6.99	0.15	0.05	<0.01	0.017	0.50	72.2	77.7	0.65	412	8.30
K191946		7.47	144.5	6.21	5.45	0.12	0.03	0.01	0.100	0.43	22.1	100.5	0.75	769	0.73
K191947		0.20	1.7	0.48	0.17	0.06	<0.02	0.01	<0.005	0.02	0.9	1.3	12.25	205	0.12
K191948		6.48	17.4	3.60	7.19	0.12	0.04	<0.01	0.023	0.36	41.6	97.6	0.84	569	0.82
K191949		7.19	10.4	3.66	8.03	0.10	0.04	<0.01	0.031	0.39	31.0	101.0	0.96	769	1.22
K191950		3.36	11.4	3.65	6.90	0.09	0.03	0.01	0.027	0.39	23.9	99.6	0.70	1140	0.77
K191951		10.15	35.8	2.69	10.45	0.07	0.02	<0.01	0.017	0.26	14.2	66.7	0.58	334	25.9
K191952		0.40	1.6	0.46	0.24	0.06	<0.02	0.01	<0.005	0.02	0.8	1.3	12.30	203	0.21
K191953		5.66	21.3	3.41	5.91	0.10	0.04	<0.01	0.019	0.44	29.6	103.5	0.57	821	2.75
K191954		8.30	54.8	4.98	9.73	0.13	0.05	0.01	0.048	0.82	27.3	116.0	0.96	898	3.91
K191955		6.88	24.1	3.75	7.04	0.13	0.05	<0.01	0.026	0.49	39.7	94.7	0.66	751	1.83
K191956		6.94	27.7	3.78	6.97	0.12	0.05	<0.01	0.026	0.45	35.9	95.5	0.67	766	2.00
K191957		6.56	24.2	4.13	7.65	0.13	0.05	<0.01	0.022	0.47	39.3	109.5	0.76	698	1.01
K191958		7.62	21.1	4.01	6.80	0.13	0.04	<0.01	0.019	0.36	41.5	143.0	0.79	718	1.05
K191959		2.59	6.6	4.54	8.84	0.13	0.06	<0.01	0.025	0.41	43.1	147.5	0.72	1120	1.09
K191960		11.05	12.9	2.19	2.75	0.08	0.08	<0.01	0.024	0.31	38.8	53.7	0.18	643	7.78
K191961		4.40	29.6	3.60	5.99	0.11	0.04	<0.01	0.024	0.42	42.8	114.5	0.56	839	2.11
K191962		5.01	419	30.3	8.85	0.49	0.04	0.01	0.018	0.30	35.6	86.9	0.76	357	1.23
K191963		0.37	6420	5.26	4.87	0.13	0.26	1.30	0.437	0.10	4.4	10.0	0.76	1630	21.0
K191964		7.55	12.5	2.34	6.88	0.08	0.03	0.01	0.030	0.41	21.8	87.2	1.41	1000	1.74
K191965		9.20	23.1	3.25	6.30	0.08	0.04	<0.01	0.032	0.43	28.1	123.5	1.10	560	3.39
K191966		0.88	4.8	1.81	2.03	0.05	0.02	0.01	0.041	0.06	7.2	30.4	2.71	3040	2.81
K191967		16.40	61.2	9.52	16.35	0.27	0.08	<0.01	0.094	0.31	11.7	275	3.89	1380	1.30
K191968		0.82	1145	>50	4.08	1.09	0.02	0.02	0.040	0.01	7.8	47.3	0.57	452	0.66
K191969		9.11	140.5	4.26	6.51	0.11	0.05	<0.01	0.055	0.32	29.7	120.5	1.37	755	5.91
K191970		8.61	161.5	4.86	6.62	0.12	0.06	<0.01	0.057	0.36	28.9	120.0	1.33	742	5.64
K191971		8.08	20.1	3.23	5.81	0.09	0.04	<0.01	0.022	0.33	37.5	134.5	1.08	450	3.34
K191972		10.45	31.1	4.64	6.56	0.09	0.05	0.01	0.045	0.34	20.1	118.5	1.08	1080	4.74



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CERTIFICATE OF ANALYSIS WH12223916

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
K191937		1.34	18.9	310	27.4	27.5	<0.001	0.43	0.29	1.4	0.6	0.8	44.8	0.02	0.01
K191938		2.80	3.7	260	8.2	28.9	<0.001	0.38	0.38	1.0	0.6	0.6	42.8	0.02	0.01
K191939		0.71	25.1	1070	8.2	64.0	<0.001	0.12	0.08	3.8	0.6	0.7	93.2	0.01	0.01
K191940		0.60	43.5	690	6.7	58.7	<0.001	0.19	0.05	5.5	0.6	1.0	81.5	0.01	0.01
K191941		0.28	28.8	430	>10000	3.6	0.010	2.28	423	4.5	1.9	1.5	27.9	<0.01	1.19
K191942		0.52	7.1	310	36.9	31.2	<0.001	0.12	0.20	2.4	0.5	1.1	350	<0.01	0.03
K191943		0.90	25.8	930	5.4	62.2	<0.001	0.22	0.07	5.5	0.5	4.0	328	0.01	0.03
K191944		2.99	1.9	90	15.3	22.9	<0.001	0.10	0.09	0.5	0.7	0.6	78.1	0.03	0.01
K191945		1.49	20.1	600	14.0	40.4	<0.001	0.22	0.09	2.5	0.6	0.8	83.9	0.01	0.01
K191946		0.18	30.2	690	527	39.9	<0.001	3.89	2.89	3.4	0.8	1.9	74.3	0.01	0.03
K191947		0.17	2.3	190	2.1	1.2	<0.001	<0.01	<0.05	0.4	0.2	<0.2	49.7	<0.01	0.02
K191948		0.13	26.8	980	9.3	31.8	<0.001	0.20	0.10	3.6	0.4	1.1	133.5	0.01	0.01
K191949		0.28	19.0	1160	18.6	37.2	0.001	0.15	0.19	4.5	0.5	1.8	142.5	0.01	<0.01
K191950		0.11	35.1	630	42.8	33.3	<0.001	0.23	0.33	2.9	0.4	2.0	87.0	0.01	<0.01
K191951		0.10	31.1	450	30.3	32.8	<0.001	0.50	0.91	1.9	0.3	2.6	180.0	<0.01	0.06
K191952		0.18	2.5	200	1.8	2.1	<0.001	<0.01	0.05	0.4	0.2	<0.2	53.7	<0.01	0.02
K191953		0.26	20.9	1290	43.5	35.6	<0.001	0.40	0.40	2.4	0.4	1.3	70.4	0.01	0.01
K191954		0.62	14.2	2360	28.1	69.9	<0.001	1.01	0.63	4.3	0.5	3.8	125.0	0.01	0.01
K191955		0.42	26.7	860	18.2	39.6	<0.001	0.37	0.27	3.9	0.6	1.3	131.5	0.01	0.01
K191956		0.46	29.0	890	18.7	39.2	<0.001	0.35	0.21	3.7	0.6	1.4	130.5	0.01	0.02
K191957		0.13	30.1	1280	8.1	37.5	<0.001	0.28	0.21	3.8	0.6	0.9	131.5	0.01	0.01
K191958		0.12	29.5	1380	11.3	28.9	<0.001	0.17	0.16	3.9	0.6	0.6	115.5	0.01	0.01
K191959		0.35	23.0	1850	40.2	29.3	<0.001	0.48	0.37	3.7	0.7	1.0	138.5	0.02	0.01
K191960		3.09	3.9	240	41.7	30.7	<0.001	1.36	0.55	0.5	0.7	0.9	130.5	0.03	0.02
K191961		0.48	22.7	750	39.6	37.7	<0.001	0.99	1.08	2.5	0.6	3.0	74.9	0.01	0.02
K191962		1.23	5.5	200	33.4	33.1	<0.001	>10.0	2.79	2.4	1.6	2.0	21.0	0.01	0.29
K191963		0.29	29.4	440	>10000	3.8	0.009	2.35	432	4.7	1.9	1.5	29.4	<0.01	1.19
K191964		0.75	17.6	660	10.7	48.9	0.001	0.37	0.26	3.8	0.5	2.0	316	0.01	0.03
K191965		0.25	37.6	500	20.6	38.5	0.004	0.33	0.21	4.4	0.7	1.3	183.5	0.01	0.03
K191966		0.20	5.8	660	8.1	5.7	0.001	0.30	0.09	1.7	0.4	0.3	388	<0.01	0.03
K191967		0.24	136.5	1650	52.9	33.9	0.001	1.52	0.86	18.2	0.9	1.9	183.0	0.01	0.07
K191968		0.64	129.0	200	11.1	0.6	0.002	>10.0	0.81	4.2	1.6	0.3	67.3	<0.01	0.38
K191969		0.34	36.2	1690	21.5	30.8	0.005	1.51	0.57	3.5	1.7	1.0	262	0.01	0.04
K191970		0.42	36.8	1760	21.8	33.8	0.005	2.03	0.61	3.5	1.5	1.0	263	0.01	0.04
K191971		0.15	40.7	460	9.5	29.7	0.001	0.32	0.35	4.3	0.7	0.6	298	0.01	0.01
K191972		0.23	24.1	1010	32.7	32.2	<0.001	0.79	0.97	4.9	0.6	1.8	531	0.01	0.02



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	Ag- OG46	Pb- OG46
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Ag ppm	Pb %
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	1	0.001
K191937		0.010	0.14	5.43	10	0.21	23.2	68	1.0		
K191938		0.010	0.14	5.99	2	0.21	22.1	21	1.2		
K191939		0.112	0.31	2.86	28	0.13	23.2	47	0.6		
K191940		0.072	0.22	3.97	34	0.17	23.9	28	0.8		
K191941		0.085	0.20	0.78	40	0.23	6.77	5060	7.0	99	1.030
K191942		0.034	0.20	0.38	10	0.16	9.05	49	<0.5		
K191943		0.142	0.31	0.37	36	0.30	7.46	35	1.4		
K191944		<0.005	0.11	7.70	1	0.25	29.8	39	1.1		
K191945		0.046	0.20	3.87	17	0.20	23.8	32	0.6		
K191946		0.015	0.35	2.32	17	0.20	18.00	1310	<0.5		
K191947		<0.005	<0.02	0.71	2	0.05	1.00	18	<0.5		
K191948		0.024	0.18	2.87	27	0.13	20.3	53	<0.5		
K191949		0.049	0.19	2.85	39	0.20	20.3	73	0.6		
K191950		0.012	0.21	2.55	20	0.18	15.75	90	0.5		
K191951		<0.005	0.57	1.25	21	0.11	8.73	54	<0.5		
K191952		<0.005	<0.02	0.67	1	0.05	1.04	18	<0.5		
K191953		0.016	0.21	2.58	15	0.19	18.40	115	0.8		
K191954		0.117	0.39	3.12	46	0.23	18.60	84	0.9		
K191955		0.039	0.23	4.03	27	0.17	25.3	53	0.7		
K191956		0.037	0.22	3.80	27	0.15	25.0	75	0.6		
K191957		0.042	0.19	2.90	31	0.20	24.5	63	<0.5		
K191958		0.021	0.19	2.92	28	0.25	25.9	64	<0.5		
K191959		0.021	0.16	3.39	23	0.27	32.6	205	0.5		
K191960		<0.005	0.18	5.03	1	0.59	27.8	118	1.8		
K191961		0.009	0.32	3.12	15	0.28	20.1	55	0.8		
K191962		<0.005	0.47	2.55	10	0.68	9.66	17	0.7		
K191963		0.091	0.21	0.78	42	0.23	7.10	5240	7.5	100	1.030
K191964		0.049	0.23	2.44	23	0.20	13.35	69	0.5		
K191965		0.021	0.23	3.31	28	0.41	17.10	67	0.5		
K191966		<0.005	0.04	3.55	6	0.31	10.05	14	<0.5		
K191967		0.112	0.32	0.52	157	0.32	11.80	118	0.9		
K191968		0.009	0.19	0.57	31	0.39	5.33	15	<0.5		
K191969		0.005	0.24	4.74	36	0.38	28.9	57	1.3		
K191970		0.005	0.28	4.90	37	0.40	29.2	61	1.3		
K191971		0.005	0.22	3.36	19	0.27	19.75	63	0.6		
K191972		0.005	0.25	2.52	33	0.54	24.2	105	1.1		



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CERTIFICATE OF ANALYSIS WH12223916

Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Samples with Ca> 10%on ICP- MS As. ICP- AES As results reported (2 ppm DL) Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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CERTIFICATE WH12225404

Project: QB

P.O. No.: Batch 4

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 23- SEP- 2012.

The following have access to data associated with this certificate:

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um
LOG- 22d	Sample login - Rcd w/o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 23	Pulp Login - Rcd with Barcode

ANALYTICAL PROCEDURES

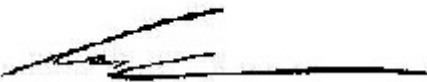
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **STRATEGIC METALS LTD.**
ATTN: SARAH EATON
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH12225404

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
K191973		10.18	0.002	0.89	1.07	1.6	<0.2	<10	20	0.93	2.29	2.82	0.36	84.6	3.3	2
K191974		3.72	0.001	0.04	2.81	0.5	<0.2	<10	90	0.91	0.18	2.97	0.05	34.3	21.0	46
K191975		3.29	0.001	0.07	2.71	5.2	<0.2	<10	80	1.71	0.18	3.86	0.07	45.9	18.9	35
K191976		5.18	0.001	0.15	2.61	6.8	<0.2	10	30	1.74	0.22	4.57	0.14	56.8	14.7	32
K191977		5.95	0.002	1.23	2.13	13.5	<0.2	10	20	1.01	2.84	4.45	0.22	30.5	11.0	18
K191978		2.86	0.002	0.05	0.04	<2	<0.2	<10	20	<0.05	0.14	20.4	0.07	1.43	0.9	<1
K191979		6.15	0.002	0.10	2.50	4.1	<0.2	10	40	1.63	0.32	4.54	0.14	63.2	13.9	33
K191980		6.36	0.002	0.06	3.01	4.2	<0.2	<10	140	0.79	0.58	1.64	0.03	32.3	16.3	56
K191981		8.56	0.002	0.04	2.46	0.7	<0.2	<10	140	0.59	0.32	2.87	0.09	90.7	11.4	22
K191982		6.44	0.001	0.21	0.75	0.9	<0.2	<10	20	0.74	0.61	1.64	0.07	291	1.7	3
K191983		2.71	0.002	0.22	0.82	0.7	<0.2	<10	10	0.59	0.68	1.48	0.05	343	1.9	3
K191984		6.39	0.001	0.17	1.01	1.1	<0.2	<10	20	0.64	0.53	1.61	0.16	224	1.9	6
K191985		6.55	0.001	0.07	1.97	4.9	<0.2	<10	60	0.81	0.55	1.94	0.04	83.4	10.0	35
K191986		3.41	0.001	0.06	2.77	10.6	<0.2	<10	90	0.53	0.92	1.82	0.03	38.1	15.1	54
K191987		10.09	<0.001	0.05	2.67	3.4	<0.2	<10	80	1.04	0.23	3.33	0.05	47.4	14.8	45
K191988		0.26	0.089	64.2	0.94	2730	<0.2	<10	80	0.33	4.00	5.77	127.5	16.05	12.8	32
K191989		6.91	0.001	0.33	0.80	0.6	<0.2	<10	20	0.90	1.74	1.61	0.13	129.0	2.0	3
K191990		6.47	0.003	0.24	0.45	11	<0.2	<10	10	0.33	0.11	>25.0	0.04	37.4	4.4	<1
K191991		7.20	0.022	13.30	0.42	177	<0.2	<10	20	0.41	0.18	11.70	0.04	72.5	7.4	5
K191992		7.23	0.085	59.6	0.41	587	<0.2	<10	20	0.30	0.11	11.75	0.03	42.2	4.8	4
K191993		0.26	0.096	64.9	0.94	2720	<0.2	<10	80	0.37	3.99	5.79	129.5	16.55	13.5	33
K191994		7.38	0.037	0.52	0.44	320	<0.2	<10	20	0.18	0.08	23.8	0.01	31.2	3.8	<1
K191995		4.82	0.041	0.89	1.22	625	<0.2	<10	30	0.44	0.13	16.10	0.01	51.3	9.0	7
K191996		8.00	0.020	0.71	2.07	339	<0.2	<10	30	0.63	0.23	6.82	0.03	66.9	11.1	35
K191997		2.88	0.002	0.01	0.03	3	<0.2	<10	20	0.05	0.02	20.9	0.07	1.79	1.6	<1
K191998		5.49	0.004	0.25	2.02	153	<0.2	<10	10	0.61	0.11	14.00	0.03	48.0	6.0	13
K191999		5.63	0.015	0.56	1.38	1420	<0.2	<10	20	0.52	0.20	10.45	0.04	71.0	7.0	10
K192000		5.31	0.001	0.23	0.89	19	<0.2	<10	40	0.50	0.15	14.70	0.42	23.8	5.9	4
L828108		6.41	0.013	0.76	1.37	275	<0.2	<10	30	0.84	0.12	13.75	0.21	23.6	6.1	9
L828109		7.62	0.001	0.07	0.39	5	<0.2	<10	10	0.28	0.08	19.65	0.06	13.50	2.1	<1
L828110		6.52	0.019	9.74	0.80	108.5	<0.2	<10	20	0.38	10.25	8.65	0.02	4.19	78.1	14
L828111		<0.02	0.018	8.80	0.73	89.8	<0.2	<10	10	0.34	9.78	9.57	0.02	4.56	74.2	13
L828112		2.56	0.012	2.71	0.37	10.7	<0.2	<10	10	0.20	50.8	0.40	0.02	0.83	145.5	1
L828113		5.16	0.007	2.21	0.34	52	<0.2	<10	<10	0.23	2.92	19.80	0.15	5.85	10.3	<1
L828114		6.27	0.004	0.57	0.29	32	<0.2	<10	<10	0.20	0.54	19.65	0.29	5.79	4.8	<1
L828115		7.99	0.002	0.17	0.30	9	<0.2	<10	<10	0.24	0.21	20.3	0.33	7.64	3.3	<1



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
K191973		7.71	36.7	2.88	4.09	0.11	0.05	<0.01	0.057	0.38	47.5	53.1	0.17	890	3.50
K191974		17.60	18.7	3.84	7.74	0.13	0.04	<0.01	0.009	0.76	20.0	132.5	1.86	465	12.10
K191975		18.30	15.8	4.12	6.94	0.12	0.04	<0.01	0.027	0.78	26.6	147.5	1.52	751	0.35
K191976		11.65	18.2	4.77	7.41	0.11	0.04	<0.01	0.059	0.39	31.6	162.0	1.29	1280	0.43
K191977		8.52	23.0	4.33	6.92	0.10	0.04	<0.01	0.074	0.39	16.8	111.5	0.94	1340	0.39
K191978		0.26	1.5	0.49	0.14	0.09	<0.02	0.01	<0.005	0.02	0.7	1.3	12.65	209	0.20
K191979		15.65	18.0	3.74	9.32	0.11	0.04	0.03	0.033	0.42	34.8	187.5	1.36	657	0.22
K191980		16.95	22.6	4.17	11.05	0.12	0.04	<0.01	0.022	1.18	18.6	171.0	1.92	492	0.32
K191981		10.95	13.3	4.60	15.30	0.20	0.13	<0.01	0.046	1.10	52.5	162.0	1.30	1000	3.00
K191982		1.73	15.9	1.72	7.08	0.30	0.09	<0.01	0.023	0.31	165.0	24.8	0.08	441	18.95
K191983		2.52	16.7	1.84	8.31	0.41	0.10	<0.01	0.028	0.33	188.0	19.8	0.08	429	15.10
K191984		3.67	12.8	2.07	9.10	0.28	0.10	<0.01	0.034	0.28	131.5	35.2	0.18	484	11.90
K191985		10.15	19.8	3.06	8.30	0.18	0.07	<0.01	0.019	0.63	48.4	91.8	1.08	369	3.05
K191986		10.40	31.7	3.79	10.10	0.16	0.05	0.01	0.018	0.98	21.9	120.0	1.60	364	1.31
K191987		13.20	23.3	3.66	9.06	0.14	0.05	<0.01	0.025	0.95	28.2	133.0	1.61	496	2.01
K191988		1.09	1065	3.36	3.54	0.11	0.22	2.94	0.073	0.12	8.3	8.3	0.48	2700	5.13
K191989		2.39	18.6	2.31	6.13	0.15	0.07	<0.01	0.024	0.20	70.8	34.2	0.17	486	10.70
K191990		2.44	5.4	1.09	1.19	0.07	0.04	0.01	0.018	0.11	15.4	23.7	1.19	309	0.15
K191991		6.50	11.1	1.76	1.61	0.12	0.03	<0.01	0.020	0.19	37.3	14.0	0.29	584	0.18
K191992		4.15	5.6	1.23	1.47	0.07	0.03	0.01	0.015	0.16	20.2	14.9	0.39	405	0.20
K191993		1.14	1070	3.36	3.75	0.11	0.22	2.94	0.075	0.12	8.7	8.8	0.48	2720	5.21
K191994		2.38	6.6	0.93	1.30	<0.05	0.02	<0.01	0.010	0.13	14.6	18.6	0.59	413	0.20
K191995		0.59	11.9	1.99	4.28	0.09	0.06	0.01	0.021	0.08	19.6	58.8	2.50	900	0.18
K191996		2.10	14.8	2.08	6.62	0.11	0.06	0.01	0.022	0.14	28.0	95.0	3.51	734	0.32
K191997		0.46	1.5	0.50	0.22	0.17	<0.02	0.01	0.005	0.02	0.9	1.5	12.85	221	0.10
K191998		1.46	13.7	1.87	7.00	0.11	0.04	0.01	0.018	0.08	21.1	95.2	6.90	866	0.24
K191999		2.51	12.6	1.72	4.33	0.12	0.06	0.01	0.024	0.18	32.8	65.7	2.02	541	0.23
K192000		1.99	5.0	1.51	2.42	0.08	0.05	0.01	0.018	0.14	10.2	25.6	8.43	2820	0.15
L828108		3.49	9.0	2.68	4.14	0.09	0.04	0.01	0.028	0.18	10.6	46.0	6.07	8390	0.23
L828109		0.95	1.5	2.10	1.43	0.09	0.04	0.01	0.021	0.04	4.7	15.3	10.75	5240	0.09
L828110		2.45	648	21.7	3.93	0.44	0.02	0.01	0.015	0.08	1.5	43.5	5.56	874	0.18
L828111		2.44	634	20.8	3.65	0.40	0.02	0.01	0.014	0.07	1.6	41.0	5.95	919	0.19
L828112		1.40	1215	45.3	2.48	1.58	0.02	0.02	0.007	0.01	0.3	19.1	1.05	454	0.23
L828113		0.62	72.5	4.31	1.42	0.10	0.02	0.01	0.020	<0.01	2.0	10.2	10.30	4340	0.08
L828114		0.42	26.4	2.56	1.11	0.06	0.02	0.01	0.016	<0.01	1.9	9.8	11.35	2360	0.08
L828115		0.50	7.8	1.88	1.25	0.07	0.02	0.01	0.015	0.01	2.7	9.6	11.15	4010	0.10



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Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
K191973		2.02	1.6	110	62.8	35.5	<0.001	1.06	0.88	0.9	0.8	1.8	166.5	0.01	0.01	18.2
K191974		0.25	44.0	320	8.0	61.0	0.005	0.13	0.22	4.3	0.3	0.5	174.5	<0.01	<0.01	7.3
K191975		0.16	43.2	340	11.5	63.9	<0.001	0.24	0.50	4.7	0.4	1.5	237	<0.01	0.01	10.8
K191976		0.08	38.0	500	17.1	39.5	<0.001	0.25	0.56	4.5	0.6	2.9	266	0.01	0.01	11.6
K191977		0.07	27.9	360	95.0	41.3	<0.001	0.84	0.88	4.3	0.7	7.3	207	0.01	0.02	10.2
K191978		0.18	1.6	190	2.1	1.4	<0.001	0.01	0.06	0.3	0.3	<0.2	53.3	<0.01	0.01	<0.2
K191979		0.09	36.8	410	9.1	42.1	<0.001	0.23	0.29	5.1	0.6	1.9	279	0.01	0.01	13.2
K191980		0.27	38.9	370	8.4	97.1	<0.001	0.24	0.12	5.5	0.4	3.6	91.2	<0.01	0.01	6.8
K191981		2.26	14.9	1710	4.9	97.7	0.001	0.25	0.13	5.4	0.7	3.6	123.5	0.01	0.01	11.5
K191982		9.24	1.1	100	8.9	32.6	0.001	0.67	0.06	0.6	1.3	3.9	31.3	0.02	0.01	40.0
K191983		13.65	0.9	100	12.2	32.3	0.001	0.72	0.07	0.7	1.6	4.9	29.4	0.03	0.01	44.4
K191984		8.86	2.5	190	19.9	24.4	0.001	0.42	0.15	1.0	1.4	2.4	41.4	0.03	0.02	33.1
K191985		1.66	25.0	250	5.6	55.3	0.001	0.30	0.11	3.8	1.0	2.5	92.3	0.01	0.01	17.5
K191986		0.88	41.4	440	5.0	78.6	0.001	0.35	0.07	5.9	0.7	3.1	75.2	0.01	0.02	6.7
K191987		0.39	37.0	400	4.1	72.3	0.001	0.18	0.10	5.6	0.6	2.1	156.5	0.01	0.01	7.3
K191988		0.28	27.2	650	>10000	5.9	0.003	2.78	45.6	4.2	3.8	2.0	298	<0.01	0.20	1.8
K191989		6.90	0.8	380	18.6	19.9	<0.001	0.79	0.08	1.2	1.0	2.8	105.0	0.03	0.01	32.8
K191990		0.34	8.5	200	8.8	8.3	0.001	0.42	1.33	4.0	0.7	<0.2	1800	<0.01	0.03	5.0
K191991		0.14	16.1	370	13.2	19.1	<0.001	1.35	9.25	2.7	0.8	0.4	592	<0.01	0.01	7.0
K191992		0.12	8.3	330	8.2	13.7	<0.001	0.84	28.8	2.4	0.6	0.2	681	<0.01	0.01	4.1
K191993		0.28	28.7	660	>10000	6.2	0.002	2.78	48.2	4.4	4.0	2.1	298	<0.01	0.20	1.8
K191994		0.19	6.4	190	4.7	12.9	<0.001	0.48	8.19	2.1	0.5	<0.2	1380	<0.01	0.02	5.0
K191995		0.14	9.4	220	7.1	3.3	<0.001	1.06	13.50	3.6	0.9	0.5	481	0.01	0.02	4.9
K191996		0.07	25.1	450	9.8	11.9	<0.001	0.64	8.76	4.4	0.7	1.8	210	0.01	0.02	6.5
K191997		0.28	4.6	200	1.7	1.6	<0.001	0.01	0.09	0.6	0.2	<0.2	48.7	<0.01	0.02	<0.2
K191998		0.16	12.3	350	6.6	6.1	<0.001	0.18	1.83	3.4	0.6	2.0	371	<0.01	0.04	4.9
K191999		0.11	15.9	400	13.8	13.7	<0.001	0.64	8.04	3.9	0.9	0.6	273	0.01	0.03	7.9
K192000		0.19	11.8	260	33.6	9.8	<0.001	0.08	0.84	3.1	0.5	0.7	217	<0.01	0.01	7.0
L828108		0.17	14.6	350	10.3	15.8	0.001	0.56	3.90	4.0	0.6	2.7	317	<0.01	0.01	6.5
L828109		0.30	5.7	190	6.2	3.8	0.001	0.07	0.50	2.2	0.6	0.5	269	<0.01	0.03	2.0
L828110		0.46	8.1	170	5.0	7.1	<0.001	>10.0	10.60	2.8	0.8	1.0	116.5	<0.01	0.01	3.4
L828111		0.44	7.1	170	4.8	6.3	<0.001	>10.0	11.00	2.7	0.8	1.0	127.0	<0.01	0.01	3.0
L828112		1.15	2.5	100	5.3	1.9	<0.001	>10.0	1.42	1.0	1.6	0.6	12.0	<0.01	0.03	1.1
L828113		0.25	2.7	140	16.7	0.8	<0.001	2.55	1.64	1.5	0.4	0.4	267	<0.01	0.02	0.6
L828114		0.25	3.1	90	34.2	0.7	<0.001	1.35	1.68	1.1	0.4	0.3	196.0	<0.01	0.02	0.6
L828115		0.25	3.3	90	26.8	0.9	<0.001	0.18	0.51	1.2	0.4	0.3	245	<0.01	0.01	1.0



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm	Zn- OG46 Zn %	Pb- OG46 Pb %
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.001
K191973		0.005	0.33	3.34	1	2.78	23.0	105	1.1		
K191974		0.121	0.34	0.52	26	0.26	8.90	102	0.9		
K191975		0.060	0.38	1.23	21	0.20	14.60	102	0.6		
K191976		<0.005	0.29	1.53	22	0.25	20.9	119	0.5		
K191977		<0.005	0.27	1.49	17	0.25	19.35	92	<0.5		
K191978		<0.005	<0.02	0.49	1	0.07	0.89	18	<0.5		
K191979		0.018	0.26	1.54	24	20.4	17.70	90	<0.5		
K191980		0.177	0.47	0.76	40	1.20	7.28	82	0.5		
K191981		0.200	0.35	1.60	54	0.64	18.55	113	3.0		
K191982		0.008	0.13	3.42	2	0.84	40.7	24	0.8		
K191983		0.008	0.14	4.40	2	0.80	39.5	21	0.9		
K191984		0.016	0.10	4.41	3	0.57	36.7	55	1.5		
K191985		0.098	0.27	3.06	32	0.60	18.65	49	0.9		
K191986		0.198	0.42	1.12	51	0.99	6.71	65	0.6		
K191987		0.164	0.36	1.08	34	0.97	8.25	78	0.5		
K191988		0.051	0.13	0.64	31	6.45	6.30	>10000	5.9	1.995	1.985
K191989		0.009	0.13	7.06	2	0.83	33.8	53	1.6		
K191990		<0.005	0.11	1.67	4	0.11	12.25	22	0.7		
K191991		<0.005	0.23	1.62	4	0.23	11.75	24	<0.5		
K191992		<0.005	0.16	1.16	4	0.17	7.43	15	0.5		
K191993		0.051	0.13	0.64	31	6.28	6.52	>10000	6.1	2.00	1.995
K191994		<0.005	0.12	1.37	2	0.13	12.55	11	0.6		
K191995		<0.005	0.13	1.60	9	0.28	16.75	11	1.0		
K191996		<0.005	0.13	1.78	28	0.41	15.50	17	1.1		
K191997		<0.005	<0.02	0.59	2	0.05	0.84	19	<0.5		
K191998		<0.005	0.07	1.50	19	0.33	11.05	24	0.8		
K191999		<0.005	0.13	2.05	14	0.40	13.20	23	1.0		
K192000		<0.005	0.10	1.37	6	0.18	8.98	147	1.1		
L828108		<0.005	0.27	1.42	10	0.29	9.55	141	0.8		
L828109		<0.005	0.05	0.77	3	0.11	10.85	31	0.6		
L828110		<0.005	1.87	1.69	9	0.26	3.62	10	<0.5		
L828111		<0.005	1.65	1.59	9	0.32	3.89	10	<0.5		
L828112		<0.005	0.17	1.17	1	0.69	1.09	6	0.6		
L828113		<0.005	0.22	0.78	2	0.06	6.71	88	<0.5		
L828114		<0.005	0.25	0.82	2	0.07	4.57	384	<0.5		
L828115		<0.005	0.02	1.08	2	0.08	4.89	113	0.5		



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Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Samples with Ca> 10%on ICP- MS As. ICP- AES As results reported (2 ppm DL) Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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To: **STRATEGIC METALS LTD.**

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**1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8**

Page: 1
Finalized Date: 4- OCT- 2012
Account: MTT

CERTIFICATE WH12225407

Project: QB

P.O. No.: Batch 5

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 24- SEP- 2012.

The following have access to data associated with this certificate:

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um
LOG- 22d	Sample login - Rcd w/o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 23	Pulp Login - Rcd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **STRATEGIC METALS LTD.**
ATTN: SARAH EATON
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - D)
Plus Appendix Pages
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CERTIFICATE OF ANALYSIS WH12225407

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
L828116		7.85	0.001	0.06	0.48	<2	<0.2	<10	10	0.21	0.09	20.2	0.17	11.35	1.5	1
L828117		7.54	0.003	0.06	0.39	5	<0.2	<10	<10	0.21	0.08	20.2	0.17	7.18	1.0	<1
L828118		5.14	0.004	1.88	0.73	8.6	<0.2	<10	20	0.19	6.79	2.57	0.04	6.77	67.2	5
L828119		2.89	<0.001	0.01	0.03	<2	<0.2	<10	30	<0.05	0.03	20.7	0.06	1.25	1.0	<1
L828120		9.83	0.001	0.10	0.72	10	<0.2	<10	10	0.27	0.17	>25.0	0.05	16.90	7.2	18
L828121		9.19	0.001	0.02	1.57	5	<0.2	<10	20	0.56	0.06	19.50	0.05	21.8	7.1	10
L828122		2.92	0.044	1.09	0.92	4.2	<0.2	10	20	0.42	14.00	0.12	<0.01	21.8	262	7
L828123		2.92	0.001	0.01	0.02	<2	<0.2	<10	30	<0.05	0.03	20.0	0.06	1.07	1.0	<1
L828124		9.02	0.001	0.22	3.29	3.1	<0.2	<10	60	1.56	1.15	3.05	0.03	73.5	42.3	47
L828125		6.07	<0.001	0.03	3.85	<0.1	<0.2	<10	170	0.97	0.29	4.29	0.06	20.6	18.1	73
L828126		6.29	<0.001	0.04	2.77	2.1	<0.2	<10	100	2.09	0.14	5.14	0.13	54.6	15.3	40
L828127		3.54	0.002	0.10	2.40	6	<0.2	<10	40	1.18	0.33	11.50	0.28	85.3	14.1	27
L828128		0.26	0.090	61.5	0.92	2560	<0.2	<10	80	0.33	3.75	5.98	129.0	15.95	12.3	31
L828129		5.34	<0.001	0.15	2.56	9.2	<0.2	<10	40	1.64	0.57	6.72	0.24	85.6	15.1	33
L828130		8.29	<0.001	0.04	2.86	1.1	<0.2	<10	100	3.08	0.37	4.57	0.08	54.2	16.5	40
L828131		6.82	0.001	0.04	3.24	0.6	<0.2	<10	160	0.95	0.25	6.20	0.15	25.6	16.1	74
L828132		3.30	0.001	0.07	0.80	1.5	<0.2	<10	10	0.75	0.25	0.82	0.06	187.5	0.8	6
L828133		1.43	0.001	<0.01	0.67	1.1	<0.2	<10	10	0.73	0.27	0.75	0.04	195.5	0.7	5
L828134		6.96	0.001	0.54	0.99	3.9	<0.2	<10	20	1.18	0.86	2.06	0.13	218	7.9	5
L828135		3.61	0.001	0.17	2.58	12.0	<0.2	<10	30	1.88	0.58	5.31	0.08	45.0	15.5	26
L828136		9.67	<0.001	0.05	3.03	19.3	<0.2	<10	60	1.05	0.19	2.89	0.04	40.5	20.3	78
L828137		3.79	0.001	0.14	2.09	13.9	<0.2	<10	40	1.52	0.25	3.15	0.08	99.4	11.9	22
L828138		3.40	<0.001	0.15	2.20	28.3	<0.2	<10	40	1.71	0.52	4.71	0.07	82.1	14.2	19
L828139		8.87	0.003	0.18	0.83	74.6	<0.2	<10	30	1.42	0.98	1.36	0.06	123.5	3.8	4
L828140		<0.02	0.003	0.17	0.87	86.2	<0.2	<10	30	1.37	0.85	1.40	0.06	128.5	3.8	4
L828141		6.38	<0.001	0.17	2.00	21.1	<0.2	<10	50	1.55	0.69	2.69	0.11	82.9	12.1	15
L828142		9.73	<0.001	0.12	0.80	1.9	<0.2	<10	20	1.08	0.40	1.76	0.05	131.5	3.0	3
L828143		5.33	0.003	0.26	0.58	8.2	<0.2	<10	20	0.75	0.43	1.34	0.04	62.8	14.7	4
L828144		5.48	0.002	0.23	0.91	5.6	<0.2	<10	10	1.35	0.49	2.44	0.64	125.0	5.6	14
L828145		5.70	<0.001	0.15	2.08	9.6	<0.2	<10	20	1.25	0.23	4.85	0.16	70.6	14.1	45
L828146		0.27	0.102	63.0	0.95	2630	<0.2	<10	80	0.30	3.88	5.88	127.0	15.80	11.8	31
L828147		5.88	0.002	0.28	1.28	6.6	<0.2	<10	20	1.21	0.73	1.66	0.15	59.6	4.8	20
L828148		7.97	0.003	0.14	0.83	5.1	<0.2	<10	10	1.00	0.42	1.64	0.08	127.0	4.0	5
L828149		4.93	0.001	0.25	0.86	4.2	<0.2	<10	10	0.69	2.71	1.29	0.05	128.5	0.9	3
L828150		4.88	0.001	0.21	1.06	2.4	<0.2	<10	10	0.66	1.21	1.24	0.06	129.5	1.2	4
L840151		8.21	0.003	1.23	0.94	6.2	<0.2	<10	10	1.29	3.30	1.79	0.52	90.7	5.5	4



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CERTIFICATE OF ANALYSIS WH12225407

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
L828116		0.64	2.5	1.65	1.43	<0.05	0.03	0.01	0.018	0.02	4.4	17.2	10.50	1640	0.13
L828117		0.46	1.8	1.74	1.33	<0.05	0.03	<0.01	0.020	0.01	2.5	13.8	10.55	2220	0.08
L828118		2.30	1070	43.8	2.75	0.40	0.02	0.01	0.009	0.08	3.2	24.5	0.73	200	0.15
L828119		0.15	4.5	0.57	0.16	0.06	<0.02	0.01	<0.005	0.01	0.6	1.4	11.75	185	0.26
L828120		2.17	8.6	1.73	2.15	<0.05	0.03	0.01	0.026	0.10	7.2	28.9	1.08	344	0.24
L828121		1.36	4.8	2.13	4.39	0.05	0.03	<0.01	0.026	0.12	9.7	50.3	5.86	496	0.57
L828122		1.30	1420	45.5	3.56	0.10	<0.02	<0.01	0.016	0.11	9.5	40.7	0.71	32	0.49
L828123		0.18	3.7	0.48	0.11	0.06	<0.02	0.01	<0.005	0.01	0.5	0.9	11.35	177	0.18
L828124		13.20	113.5	8.74	12.70	0.17	0.04	<0.01	0.022	0.78	40.7	196.0	2.16	322	1.32
L828125		21.0	28.1	4.71	11.50	0.11	0.02	0.01	0.019	1.83	11.1	169.5	2.71	416	0.57
L828126		11.30	15.8	3.73	10.75	0.09	0.03	<0.01	0.021	1.01	27.5	138.0	1.54	451	1.33
L828127		5.18	28.3	4.62	10.40	0.11	0.04	0.01	0.034	0.31	45.6	155.5	1.39	1080	4.32
L828128		0.96	1025	3.42	3.85	0.07	0.22	2.73	0.071	0.11	7.6	9.3	0.47	2620	4.85
L828129		10.45	15.9	3.84	8.56	0.09	0.03	<0.01	0.035	0.44	47.6	200	1.56	597	0.68
L828130		16.05	25.1	4.44	10.60	0.11	0.04	<0.01	0.035	0.92	30.1	179.5	1.74	486	0.71
L828131		13.15	27.1	3.94	10.55	0.10	0.03	<0.01	0.020	0.95	13.5	161.5	2.09	516	0.41
L828132		1.95	4.4	1.88	6.55	0.15	0.22	0.01	0.033	0.20	96.8	30.9	0.10	511	1.95
L828133		1.99	4.2	1.65	6.36	0.15	0.20	0.01	0.031	0.14	107.5	30.0	0.08	468	1.79
L828134		4.42	73.0	3.63	4.57	0.17	0.08	0.01	0.027	0.39	123.5	51.5	0.19	487	8.12
L828135		19.95	36.6	4.38	7.01	0.09	0.06	<0.01	0.032	0.42	24.4	175.5	1.25	629	0.65
L828136		13.00	28.6	4.40	10.05	0.10	0.07	<0.01	0.019	0.75	21.0	183.0	2.14	498	0.64
L828137		7.11	16.6	4.01	6.51	0.12	0.04	<0.01	0.021	0.38	54.3	156.0	1.08	562	1.14
L828138		10.50	20.9	4.28	6.49	0.10	0.04	<0.01	0.026	0.39	39.2	133.5	1.25	837	0.89
L828139		12.25	16.3	2.29	3.07	0.11	0.06	<0.01	0.016	0.30	62.4	50.8	0.25	245	3.18
L828140		12.20	13.6	2.38	3.10	0.11	0.06	<0.01	0.016	0.32	67.5	54.6	0.24	247	3.46
L828141		8.82	26.8	3.75	6.74	0.10	0.05	<0.01	0.027	0.37	44.3	136.0	1.17	616	4.68
L828142		4.23	16.5	1.91	5.54	0.11	0.06	<0.01	0.032	0.27	69.6	33.6	0.10	476	3.31
L828143		2.63	50.7	2.48	3.37	0.08	0.05	0.01	0.011	0.27	34.2	24.0	0.07	319	3.00
L828144		4.64	27.5	2.43	4.47	0.10	0.05	<0.01	0.033	0.25	60.8	43.4	0.24	694	2.28
L828145		3.35	26.8	3.79	8.82	0.09	0.04	0.01	0.023	0.24	36.4	131.5	1.12	843	2.17
L828146		1.03	1050	3.48	3.60	0.07	0.22	2.79	0.070	0.11	7.5	8.3	0.47	2670	4.62
L828147		2.47	29.3	2.15	6.69	0.06	0.04	<0.01	0.023	0.29	30.5	62.8	0.33	370	1.94
L828148		3.72	31.2	1.45	3.96	0.09	0.05	0.01	0.017	0.33	61.4	30.0	0.15	358	3.55
L828149		2.53	19.4	2.84	5.98	0.12	0.06	<0.01	0.035	0.24	70.6	33.9	0.14	690	1.80
L828150		3.04	18.2	3.24	6.95	0.12	0.07	<0.01	0.051	0.23	66.9	47.3	0.15	700	1.75
L840151		8.41	39.6	2.79	3.73	0.10	0.09	<0.01	0.041	0.31	44.2	55.0	0.19	553	3.25



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Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
L828116		0.08	2.2	110	11.0	1.8	<0.001	0.07	0.38	1.3	0.3	0.3	246	<0.01	<0.01
L828117		0.10	1.8	130	7.8	0.9	<0.001	0.12	0.30	1.1	0.3	0.3	247	<0.01	<0.01
L828118		0.31	4.7	170	4.7	9.6	<0.001	9.97	1.36	0.9	1.1	2.2	150.5	<0.01	0.02
L828119		0.11	1.4	160	1.5	0.8	<0.001	0.11	<0.05	0.3	0.2	<0.2	54.9	<0.01	<0.01
L828120		0.12	19.0	330	9.5	9.8	<0.001	0.40	0.88	3.5	0.5	0.5	1830	<0.01	0.01
L828121		0.10	11.5	170	5.0	8.2	<0.001	0.12	0.21	3.3	0.5	0.3	572	<0.01	0.01
L828122		0.05	19.4	210	3.1	7.7	<0.001	>10.0	0.32	1.7	1.4	2.6	17.1	<0.01	0.05
L828123		0.12	1.0	170	1.4	0.9	<0.001	0.06	<0.05	0.3	0.2	<0.2	52.1	<0.01	<0.01
L828124		0.22	44.2	750	8.0	70.5	0.001	3.75	0.52	0.6	0.7	2.9	86.3	0.01	0.01
L828125		0.22	52.6	420	6.7	145.0	<0.001	0.30	0.05	5.1	0.3	1.0	131.0	<0.01	<0.01
L828126		0.23	34.1	300	10.9	91.5	0.001	0.12	0.08	4.7	0.4	1.2	188.0	<0.01	<0.01
L828127		0.17	27.8	300	11.9	25.6	0.001	0.69	0.60	3.9	0.7	0.9	391	0.01	0.01
L828128		0.23	24.9	620	>10000	6.5	0.002	2.63	46.1	3.5	3.6	1.9	287	<0.01	0.19
L828129		0.13	37.4	410	25.1	43.3	0.001	0.27	0.35	4.8	0.6	0.9	229	0.01	0.01
L828130		0.28	28.9	1190	9.9	84.5	<0.001	0.29	0.18	5.6	0.5	3.3	184.0	<0.01	0.01
L828131		0.23	42.1	460	12.0	67.0	0.001	0.26	0.09	5.6	0.5	0.8	191.5	<0.01	0.01
L828132		36.6	1.1	60	6.8	17.0	<0.001	0.42	0.30	0.7	1.4	1.8	39.2	0.06	<0.01
L828133		49.3	1.0	60	6.3	13.3	<0.001	0.30	0.24	0.7	1.3	1.6	29.8	0.07	<0.01
L828134		6.44	5.6	70	20.7	38.7	<0.001	2.23	0.82	0.6	1.1	2.2	92.2	0.04	0.02
L828135		0.11	38.0	340	19.1	47.9	<0.001	0.41	0.22	3.9	0.5	1.3	304	0.01	<0.01
L828136		0.30	52.5	450	7.2	66.3	0.001	0.23	0.07	4.8	0.4	1.2	149.5	<0.01	<0.01
L828137		0.10	33.3	460	6.5	32.0	0.001	0.74	1.18	2.8	0.6	0.6	168.0	0.01	0.01
L828138		0.08	38.9	390	12.1	32.3	<0.001	0.84	1.38	4.0	0.6	0.8	372	0.01	0.01
L828139		1.47	4.9	290	21.0	30.5	<0.001	1.47	0.84	0.7	0.9	0.8	138.0	0.01	0.02
L828140		1.53	4.7	300	19.5	34.0	<0.001	1.55	0.87	0.7	0.8	0.8	144.5	0.02	0.02
L828141		0.11	31.0	970	12.5	37.2	0.002	0.90	0.78	3.0	0.8	0.8	158.0	0.01	0.02
L828142		3.10	1.0	110	13.0	23.8	<0.001	0.41	0.19	1.0	0.8	1.3	79.2	0.02	<0.01
L828143		3.05	3.6	80	15.9	24.6	<0.001	1.68	0.80	0.7	0.7	1.8	50.9	0.01	<0.01
L828144		2.68	7.8	160	41.3	27.4	<0.001	0.87	0.31	1.3	0.9	1.3	118.0	0.02	0.01
L828145		0.19	37.4	350	6.4	21.3	0.001	0.40	0.28	2.3	0.5	0.7	220	0.01	<0.01
L828146		0.22	24.7	620	>10000	6.4	0.002	2.67	45.8	3.1	3.8	1.9	295	<0.01	0.19
L828147		1.74	13.1	130	20.3	26.2	<0.001	0.63	0.28	1.3	0.6	2.0	142.5	0.02	<0.01
L828148		3.16	4.0	100	11.3	31.0	<0.001	0.75	0.43	0.8	0.7	2.7	88.0	0.02	0.01
L828149		2.70	0.6	230	8.8	21.1	<0.001	1.50	0.28	0.8	0.7	3.2	64.3	0.01	0.02
L828150		1.80	0.5	240	10.3	18.5	<0.001	1.36	0.80	0.9	0.8	1.5	81.1	0.02	<0.01
L840151		2.61	3.9	180	111.5	31.6	<0.001	1.43	1.15	0.8	0.9	1.8	164.5	0.02	0.01



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CERTIFICATE OF ANALYSIS WH12225407

Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm	Zn- OG46 Zn %	Pb- OG46 Pb %
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.001
L828116		<0.005	0.02	1.13	3	0.16	5.92	56	0.7		
L828117		<0.005	0.02	0.85	3	0.11	7.34	66	0.5		
L828118		<0.005	0.33	1.09	5	0.26	2.44	15	<0.5		
L828119		<0.005	<0.02	0.70	2	<0.05	0.89	14	<0.5		
L828120		<0.005	0.09	1.29	12	0.10	11.70	14	<0.5		
L828121		0.006	0.04	1.62	10	0.14	13.30	13	0.5		
L828122		0.006	0.13	0.83	7	0.38	3.45	5	<0.5		
L828123		<0.005	<0.02	0.62	1	<0.05	0.85	13	<0.5		
L828124		0.069	0.67	2.19	47	0.27	19.20	76	<0.5		
L828125		0.196	0.68	0.75	47	0.19	6.44	91	<0.5		
L828126		0.106	0.46	1.60	32	0.20	15.55	89	<0.5		
L828127		0.010	0.25	2.11	25	0.23	31.9	98	<0.5		
L828128		0.052	0.12	0.73	30	5.52	7.89	>10000	5.4	1.930	1.980
L828129		0.032	0.28	2.23	27	0.23	20.1	105	<0.5		
L828130		0.144	0.43	1.54	46	0.24	15.25	85	0.5		
L828131		0.179	0.37	0.67	47	0.25	8.01	90	<0.5		
L828132		0.005	0.08	9.89	1	1.41	58.2	65	5.3		
L828133		<0.005	0.06	10.35	1	1.36	57.8	56	5.5		
L828134		<0.005	0.30	6.93	2	1.05	45.4	43	0.8		
L828135		0.009	0.27	1.37	17	0.50	22.1	71	0.7		
L828136		0.148	0.28	1.04	42	0.27	10.65	98	0.9		
L828137		0.005	0.24	2.48	15	0.30	27.2	91	<0.5		
L828138		<0.005	0.31	1.80	17	0.24	26.0	108	<0.5		
L828139		<0.005	0.35	3.64	2	0.48	26.1	34	0.8		
L828140		<0.005	0.33	3.26	2	0.44	27.7	31	0.9		
L828141		<0.005	0.28	3.74	17	0.32	22.4	87	1.1		
L828142		0.005	0.12	4.99	1	0.48	29.7	25	0.7		
L828143		<0.005	0.16	4.30	1	0.63	20.9	12	0.8		
L828144		<0.005	0.14	4.98	6	0.68	35.7	180	0.5		
L828145		<0.005	0.28	2.41	31	0.33	28.8	90	<0.5		
L828146		0.054	0.12	0.71	31	5.59	7.63	>10000	5.6	1.960	1.980
L828147		<0.005	0.24	3.56	10	0.41	22.0	69	0.6		
L828148		<0.005	0.26	5.04	2	0.53	27.2	26	0.7		
L828149		<0.005	0.13	3.93	<1	0.56	26.8	38	1.0		
L828150		0.005	0.12	3.47	<1	0.32	28.6	45	1.2		
L840151		<0.005	0.27	5.09	2	0.54	30.5	130	2.7		



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Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Samples with Ca> 10%on ICP- MS As. ICP- AES As results reported (2 ppm DL) Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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CERTIFICATE WH12219229

Project: QB
P.O. No.: Batch 6
This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT,
Canada on 25- SEP- 2012.

The following have access to data associated with this certificate:

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um
LOG- 22d	Sample login - Rcd w/o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 23	Pulp Login - Rcd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **STRATEGIC METALS LTD.**
ATTN: SARAH EATON
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH12219229

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
L840152		8.49	0.002	0.67	1.02	20.2	<0.2	<10	20	1.20	2.06	3.43	0.65	91.7	4.6	4
L840153		7.29	0.002	0.06	0.78	3.9	<0.2	<10	10	1.18	0.44	2.49	0.03	124.0	2.7	3
L840154		7.25	0.002	0.07	1.41	6.5	<0.2	<10	20	1.22	0.35	3.16	0.03	107.5	6.7	21
L840155		7.83	<0.001	0.03	0.65	2.7	<0.2	<10	10	1.09	0.32	1.82	0.05	126.0	1.5	4
L840156		0.26	0.099	62.3	0.89	2600	<0.2	<10	70	0.35	4.44	5.75	127.5	16.40	14.9	32
L840157		5.71	<0.001	0.03	1.14	2.3	<0.2	<10	20	1.45	0.09	2.55	0.09	92.8	4.9	10
L840158		4.57	0.001	0.04	1.49	1.1	<0.2	<10	30	1.54	0.36	2.54	0.04	81.3	8.8	27
L840159		6.36	0.004	0.03	2.95	0.9	<0.2	<10	80	0.92	0.58	2.97	0.03	32.3	15.3	45
L840160		8.27	0.001	0.15	0.57	0.4	<0.2	<10	10	0.55	0.19	1.09	0.08	103.5	2.7	4
L840161		6.67	0.001	0.22	0.70	2.8	<0.2	<10	20	0.71	0.45	1.06	0.35	128.0	5.0	4
L840162		8.49	0.001	0.14	2.06	3.2	<0.2	<10	70	0.83	0.24	0.65	0.03	107.5	19.9	33
L840163		8.31	0.001	0.17	1.67	2.7	<0.2	<10	50	0.68	0.34	0.52	0.10	102.5	15.0	22
L840164		0.26	0.095	60.9	0.89	2590	<0.2	<10	80	0.28	4.32	5.77	126.0	16.55	14.6	31
L840165		9.15	0.001	0.21	1.91	5.0	<0.2	<10	40	0.69	0.25	0.78	0.11	79.0	13.1	26
L840166		7.89	<0.001	0.06	1.75	2.6	<0.2	<10	60	0.60	0.20	0.66	0.02	114.5	14.9	28
L840167		9.07	0.004	0.31	1.50	62.3	<0.2	<10	20	0.52	0.23	0.99	0.39	65.1	14.0	18
L840168		6.70	0.001	0.44	1.56	7.0	<0.2	<10	40	1.02	0.19	1.42	0.69	100.0	6.2	12
L840169		5.97	0.001	0.90	0.84	2.0	<0.2	<10	20	0.94	0.14	1.77	3.64	122.5	3.5	3
L840170		2.39	0.002	1.85	1.25	20.6	<0.2	<10	30	1.08	0.21	2.07	3.23	71.8	9.6	10
L840171		2.90	0.002	0.01	0.03	<2	<0.2	<10	200	<0.05	0.02	19.55	0.07	1.78	1.4	<1
L840172		4.51	0.001	0.32	1.42	9.6	<0.2	<10	30	0.94	0.14	1.73	0.14	96.4	9.5	16
L840173		7.30	0.004	0.03	2.13	1.0	<0.2	<10	90	0.77	0.07	1.02	0.01	97.3	12.7	40
L840174		2.97	<0.001	0.03	2.18	1.0	<0.2	<10	90	0.75	0.11	1.00	0.01	99.2	12.9	40
L840175		4.98	0.001	0.06	1.91	1.8	<0.2	<10	70	0.96	0.11	1.07	0.03	138.5	14.2	32
L840176		6.51	0.001	0.15	2.02	12.1	<0.2	<10	50	0.78	0.11	0.71	1.33	99.1	17.2	34
L840177		6.46	0.001	0.04	2.01	16.4	<0.2	<10	120	0.43	0.06	0.57	0.02	111.5	17.0	41
L840178		<0.02	0.003	0.04	1.94	11.9	<0.2	<10	120	0.39	0.06	0.57	0.02	105.5	15.6	40
L840179		6.29	0.001	0.04	2.11	9.3	<0.2	<10	160	0.46	0.08	0.88	0.02	93.9	17.5	40
L840180		5.49	0.001	0.11	2.48	33.9	<0.2	<10	70	1.18	0.23	2.27	0.13	73.8	23.7	138
L840181		5.94	0.002	0.06	1.59	0.9	<0.2	<10	80	0.69	0.23	1.01	0.01	114.0	11.1	28
L840182		5.45	0.002	0.10	1.88	4.8	<0.2	<10	70	0.98	0.10	1.35	0.18	114.5	16.1	30
L840183		9.17	0.001	0.24	1.19	6.4	<0.2	<10	30	0.98	0.24	1.51	0.71	104.5	8.6	8
L840184		2.93	0.001	<0.01	0.03	<2	<0.2	<10	10	<0.05	0.02	19.70	0.05	1.90	1.4	<1
L840185		7.54	0.001	0.12	2.23	7.6	<0.2	<10	50	0.78	0.10	1.02	0.06	110.0	21.1	30
L840186		7.52	0.003	0.41	1.93	120.5	<0.2	<10	50	0.73	0.15	0.77	0.11	77.3	20.9	26
L840187		5.88	<0.001	0.06	3.30	1.1	<0.2	<10	120	1.37	0.20	1.24	0.04	89.7	28.0	67



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CERTIFICATE OF ANALYSIS WH12219229

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
L840152		9.86	27.0	2.87	3.90	0.14	0.05	0.01	0.044	0.33	48.9	56.7	0.22	816	2.65
L840153		6.20	9.1	1.35	4.15	0.16	0.06	<0.01	0.013	0.30	65.4	35.5	0.23	375	2.21
L840154		9.44	12.4	2.05	6.22	0.16	0.09	<0.01	0.014	0.44	55.4	83.0	0.70	467	1.86
L840155		5.18	5.6	0.68	3.81	0.16	0.09	<0.01	0.005	0.32	62.9	23.5	0.08	173	1.56
L840156		1.12	1030	3.33	3.95	0.10	0.21	2.87	0.077	0.11	8.2	8.4	0.46	2600	5.59
L840157		2.44	4.3	1.43	5.16	0.13	0.09	<0.01	0.011	0.40	48.3	67.1	0.49	368	1.57
L840158		6.81	15.5	2.28	7.85	0.13	0.05	<0.01	0.017	0.35	44.3	86.1	0.77	324	1.58
L840159		12.10	14.6	3.40	11.05	0.14	0.04	<0.01	0.019	1.20	17.6	123.5	1.56	407	1.77
L840160		2.42	14.9	1.23	2.86	0.13	0.05	<0.01	0.015	0.31	54.8	12.2	0.07	403	5.47
L840161		5.22	17.9	1.68	4.05	0.15	0.07	<0.01	0.015	0.35	68.0	18.0	0.07	412	4.92
L840162		10.60	24.3	4.31	7.18	0.21	0.04	<0.01	0.014	0.72	53.4	79.6	0.86	453	0.56
L840163		4.19	25.3	3.62	5.80	0.18	0.04	<0.01	0.011	0.46	52.4	59.4	0.59	326	1.51
L840164		1.14	1020	3.33	3.85	0.10	0.22	2.73	0.071	0.11	8.2	8.3	0.46	2610	5.40
L840165		5.85	30.5	4.42	7.41	0.15	0.04	0.01	0.019	0.47	36.3	69.5	0.77	435	0.36
L840166		6.32	18.3	3.37	6.71	0.19	0.05	<0.01	0.019	0.51	55.1	69.0	0.76	333	0.77
L840167		3.43	24.2	4.09	4.91	0.16	0.04	<0.01	0.023	0.15	33.5	68.8	0.78	1080	0.28
L840168		7.01	16.1	2.82	5.05	0.15	0.10	<0.01	0.024	0.47	49.6	53.9	0.43	937	2.99
L840169		10.30	24.7	1.71	3.33	0.15	0.16	<0.01	0.016	0.33	65.9	31.6	0.19	1060	6.57
L840170		9.91	35.3	2.45	4.31	0.12	0.09	<0.01	0.031	0.38	34.5	43.2	0.59	1660	1.86
L840171		0.47	2.2	0.49	0.15	<0.05	<0.02	0.01	0.006	0.02	0.9	1.0	11.90	214	0.10
L840172		4.51	8.9	3.05	4.58	0.13	0.07	<0.01	0.016	0.32	45.8	64.5	0.63	769	1.43
L840173		15.80	3.6	3.98	7.88	0.17	0.04	<0.01	0.030	1.02	44.3	100.5	1.02	629	0.21
L840174		15.80	3.6	4.07	7.89	0.17	0.04	<0.01	0.029	1.00	45.5	98.3	1.03	650	0.21
L840175		10.20	13.9	3.60	7.11	0.20	0.06	<0.01	0.020	0.60	62.3	84.2	0.80	575	1.25
L840176		6.60	23.3	3.99	7.02	0.18	0.04	<0.01	0.045	0.38	46.9	95.1	0.95	604	0.43
L840177		6.80	14.5	3.50	7.28	0.20	0.04	<0.01	0.020	0.89	51.4	72.6	0.89	355	0.36
L840178		6.39	14.8	3.45	6.81	0.19	0.04	<0.01	0.019	0.85	48.4	68.3	0.87	335	0.33
L840179		9.59	16.7	3.92	8.52	0.19	0.04	<0.01	0.029	0.99	43.6	69.7	1.05	374	0.52
L840180		14.05	17.4	4.29	8.21	0.19	0.06	<0.01	0.035	0.72	34.7	107.0	1.88	795	0.53
L840181		8.60	12.8	3.02	5.62	0.18	0.05	<0.01	0.017	0.73	52.0	60.5	0.68	463	1.17
L840182		7.69	11.2	3.64	6.14	0.19	0.04	<0.01	0.019	0.60	50.8	80.7	0.77	829	0.54
L840183		6.08	16.6	2.72	3.74	0.14	0.09	<0.01	0.017	0.34	53.3	38.6	0.35	1060	4.68
L840184		0.20	2.1	0.49	0.14	<0.05	<0.02	0.01	<0.005	0.02	0.9	1.1	12.00	212	0.18
L840185		3.43	28.5	4.63	6.41	0.17	0.04	<0.01	0.023	0.32	53.5	116.5	0.89	712	0.38
L840186		7.28	35.4	4.51	5.19	0.16	0.05	<0.01	0.026	0.35	37.8	98.0	0.89	558	0.44
L840187		17.25	29.0	5.85	12.55	0.23	0.04	<0.01	0.052	1.16	43.8	153.5	1.94	551	0.55



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
L840152		1.73	4.4	300	57.3	36.2	<0.001	1.57	0.73	1.0	1.0	2.2	174.0	0.02	0.02
L840153		3.56	3.2	190	5.2	27.2	<0.001	0.47	0.35	0.6	1.0	1.3	193.0	0.03	0.01
L840154		3.92	17.6	230	5.1	42.2	<0.001	0.28	0.31	2.8	1.0	2.7	155.0	0.03	0.01
L840155		22.3	2.3	60	6.0	33.1	0.001	0.28	0.15	0.4	1.5	1.0	117.0	0.10	0.01
L840156		0.41	29.1	620	>10000	8.5	0.002	2.69	47.6	3.9	3.7	1.9	279	<0.01	0.16
L840157		7.61	10.6	110	10.4	37.1	<0.001	0.08	0.08	1.1	1.1	1.1	108.0	0.07	0.01
L840158		3.41	19.1	190	6.8	43.8	<0.001	0.16	0.11	3.3	0.7	1.9	222	0.03	0.01
L840159		1.97	36.7	290	5.0	123.0	<0.001	0.12	0.05	4.9	0.5	1.9	183.0	0.06	0.02
L840160		4.10	3.6	160	14.0	34.7	<0.001	0.48	0.12	0.7	0.6	1.8	43.2	0.03	0.01
L840161		5.16	3.0	150	50.6	39.4	<0.001	0.56	0.18	0.9	0.9	1.2	51.4	0.04	0.01
L840162		0.38	46.3	480	8.3	72.1	<0.001	0.57	0.15	3.1	0.6	0.8	51.6	0.01	0.01
L840163		0.35	35.8	450	7.1	39.6	<0.001	0.70	0.16	2.1	0.6	1.5	30.4	0.01	0.01
L840164		0.31	28.9	620	>10000	8.4	0.002	2.69	47.0	3.8	3.7	1.9	277	<0.01	0.16
L840165		0.24	34.9	670	19.7	48.6	<0.001	1.27	0.27	3.2	0.5	2.0	55.3	0.01	0.01
L840166		0.50	33.7	670	7.2	47.2	<0.001	0.42	0.11	3.0	0.7	0.8	40.0	0.01	0.01
L840167		0.11	35.9	580	20.9	18.0	<0.001	1.45	1.36	2.3	0.6	0.9	37.4	0.01	0.01
L840168		0.65	14.5	750	123.0	42.8	<0.001	0.42	0.93	2.4	0.7	2.3	90.3	0.02	0.01
L840169		2.48	3.2	200	557	35.8	<0.001	0.42	0.83	0.7	0.8	0.8	102.5	0.03	<0.01
L840170		0.21	25.9	640	2110	36.8	<0.001	0.37	3.00	2.7	0.8	3.6	129.0	0.01	0.01
L840171		0.20	3.6	190	4.4	2.3	<0.001	0.02	<0.05	0.3	0.2	<0.2	60.3	<0.01	0.01
L840172		0.31	22.7	930	147.0	31.8	<0.001	0.49	1.48	2.3	0.5	1.2	106.0	0.01	0.01
L840173		0.28	23.1	890	3.8	110.5	<0.001	0.04	0.08	4.5	0.6	1.2	69.8	0.01	0.01
L840174		0.27	22.0	840	4.1	109.5	<0.001	0.03	0.08	4.7	0.6	1.3	73.1	0.01	0.01
L840175		0.26	25.7	1760	6.6	49.5	0.001	0.14	0.18	3.8	0.8	0.7	58.9	0.01	0.01
L840176		0.13	37.2	1110	37.0	32.2	<0.001	0.20	0.47	3.5	0.6	0.6	56.7	0.01	0.01
L840177		0.40	28.9	1340	3.4	63.1	<0.001	0.10	0.07	4.8	0.7	0.6	56.3	0.01	0.01
L840178		0.37	28.0	1320	3.1	59.4	<0.001	0.09	0.06	4.5	0.7	0.5	53.8	0.01	0.01
L840179		0.44	29.9	1770	5.1	68.9	<0.001	0.15	0.18	5.7	0.7	0.8	94.6	0.01	0.01
L840180		0.13	83.3	1210	41.6	58.7	<0.001	0.22	0.36	7.2	0.6	1.0	159.5	0.01	0.01
L840181		0.39	19.9	1380	3.6	68.8	<0.001	0.23	0.21	3.3	0.7	0.8	77.9	0.01	0.01
L840182		0.24	34.1	1660	19.8	54.3	<0.001	0.08	0.15	3.6	0.7	0.6	187.0	0.01	0.01
L840183		0.46	14.0	470	67.4	31.6	<0.001	0.47	0.74	1.5	0.6	0.7	150.0	0.01	0.01
L840184		0.18	4.4	190	1.5	1.3	<0.001	0.01	<0.05	0.3	0.2	<0.2	53.1	<0.01	0.01
L840185		0.11	40.9	890	9.6	23.6	<0.001	0.20	1.35	5.1	0.6	0.5	82.5	0.01	0.01
L840186		0.13	38.7	820	17.7	28.8	<0.001	1.43	2.55	4.0	0.6	0.4	37.4	0.01	0.01
L840187		0.34	51.5	1020	10.7	98.6	<0.001	0.18	0.16	8.2	0.6	1.0	99.7	0.01	0.02



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CERTIFICATE OF ANALYSIS WH12219229

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	Zn- OG46	Pb- OG46
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Zn %	Pb %
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.001
L840152		<0.005	0.27	4.25	3	0.48	31.8	164	1.2		
L840153		<0.005	0.17	6.25	1	0.56	32.8	14	1.2		
L840154		0.009	0.23	7.18	16	1.44	37.5	36	2.1		
L840155		<0.005	0.15	11.40	1	1.80	55.3	19	1.6		
L840156		0.050	0.14	0.88	31	5.98	8.22	>10000	6.5	1.920	1.920
L840157		0.009	0.10	8.26	6	0.92	46.2	47	1.2		
L840158		0.069	0.15	5.70	19	0.82	26.9	53	0.8		
L840159		0.193	0.45	1.72	31	0.64	10.10	77	0.8		
L840160		<0.005	0.18	7.65	1	0.22	18.10	25	0.9		
L840161		0.009	0.19	7.54	1	0.31	27.3	105	1.0		
L840162		0.076	0.37	3.22	22	0.15	18.30	59	0.6		
L840163		0.023	0.25	3.17	15	0.17	17.15	51	0.8		
L840164		0.050	0.13	0.87	31	5.97	8.02	>10000	6.4	1.900	1.915
L840165		0.025	0.36	2.22	18	0.13	14.55	52	0.7		
L840166		0.048	0.30	3.53	18	0.12	19.00	33	0.7		
L840167		0.006	0.18	2.95	12	0.16	16.50	135	0.5		
L840168		0.005	0.32	4.50	11	0.21	21.0	197	2.8		
L840169		<0.005	0.22	9.12	1	0.29	25.2	851	3.6		
L840170		<0.005	0.24	4.12	13	0.23	21.5	791	2.1		
L840171		<0.005	<0.02	0.94	1	0.08	1.06	17	<0.5		
L840172		0.007	0.20	5.19	16	0.20	22.7	68	1.2		
L840173		0.165	0.58	2.32	39	0.15	22.6	64	0.6		
L840174		0.160	0.53	2.42	39	0.13	23.2	64	0.6		
L840175		0.062	0.29	3.68	32	0.17	28.2	45	1.0		
L840176		0.026	0.25	2.92	30	0.15	18.40	335	<0.5		
L840177		0.125	0.33	2.60	41	0.12	21.9	42	0.5		
L840178		0.122	0.31	2.51	40	0.11	20.6	41	<0.5		
L840179		0.153	0.36	2.16	55	0.13	19.75	48	<0.5		
L840180		0.082	0.37	2.25	65	0.14	18.60	86	0.8		
L840181		0.095	0.39	2.78	28	0.20	22.8	46	0.8		
L840182		0.070	0.26	2.50	35	0.16	27.2	97	<0.5		
L840183		<0.005	0.20	4.93	7	0.15	18.95	200	2.5		
L840184		<0.005	<0.02	0.98	1	0.06	1.04	12	<0.5		
L840185		0.011	0.16	3.00	33	0.19	17.95	84	<0.5		
L840186		0.014	0.34	2.93	26	0.22	15.45	81	1.1		
L840187		0.150	0.49	2.42	90	0.14	16.80	100	0.9		



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CERTIFICATE OF ANALYSIS WH12219229

Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Samples with Ca> 10%on ICP- MS As. ICP- AES As results reported (2 ppm DL) Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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CERTIFICATE WH12227174

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P.O. No.: Batch 7

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2012.

The following have access to data associated with this certificate:

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um
LOG- 22d	Sample login - Rcd w/o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 23	Pulp Login - Rcd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **STRATEGIC METALS LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
L840188		6.12	0.002	0.15	2.10	1.9	<0.2	<10	70	1.18	0.20	1.27	0.03	85.3	17.4	37
L840189		0.26	0.087	60.3	0.92	2410	<0.2	<10	80	0.43	4.32	5.82	123.0	14.50	14.0	32
L840190		8.37	0.001	0.12	2.34	7.8	<0.2	<10	60	1.63	0.26	1.61	0.68	93.6	15.3	30
L840191		5.23	0.009	0.11	1.06	1.4	<0.2	<10	30	1.09	8.38	0.88	0.03	215	10.0	9
L840192		7.60	0.003	0.06	2.04	3.1	<0.2	<10	80	1.19	0.32	1.24	0.01	101.0	15.1	30
L840193		7.37	0.003	0.04	2.09	0.7	<0.2	<10	70	1.09	0.26	1.35	0.02	104.5	15.1	33
L840194		9.79	0.003	0.03	1.23	7	<0.2	<10	40	1.01	0.51	10.30	0.04	109.5	7.1	15
L840195		3.92	0.002	0.04	1.19	2	<0.2	<10	40	1.03	0.48	10.90	0.04	101.0	7.0	13
L840196		5.49	0.008	0.11	1.91	0.4	<0.2	<10	50	1.50	7.67	9.69	0.40	125.5	8.6	15
L840197		5.43	0.002	0.36	1.27	262	<0.2	<10	40	1.11	1.10	7.26	0.38	36.4	10.6	12
L840198		2.92	0.002	<0.01	0.02	<2	<0.2	<10	130	<0.05	0.02	20.9	0.06	1.41	1.5	<1
L840199		8.83	0.006	0.23	1.62	5.7	<0.2	10	50	1.68	5.02	2.88	0.11	88.8	9.9	10
L840200		5.99	0.002	0.23	1.52	4.9	<0.2	<10	20	1.08	5.89	1.47	0.19	196.0	6.6	9
L840251		9.22	0.004	1.40	1.06	22.0	<0.2	<10	30	1.34	9.21	1.19	0.21	248	3.8	3
L840252		0.26	0.093	62.7	0.93	2410	<0.2	<10	80	0.40	4.48	5.93	127.0	15.10	14.1	33
L840253		7.56	0.002	0.39	1.00	24.8	<0.2	<10	30	1.35	1.47	1.24	0.12	148.5	3.0	5
L840254		7.73	0.002	0.44	1.26	2.2	<0.2	<10	20	0.99	2.57	1.68	0.10	138.0	4.4	3
L840255		8.72	0.001	0.71	2.86	14.2	<0.2	10	30	1.62	1.64	3.01	0.43	58.4	10.5	22
L840256		4.14	0.002	0.41	1.47	15.3	<0.2	10	30	1.47	2.26	4.44	0.20	258	9.3	10
L840257		8.36	0.002	0.27	2.11	18.5	<0.2	<10	40	2.01	0.98	1.49	0.12	228	12.4	27
L840258		1.49	0.012	12.30	0.70	20.3	<0.2	<10	20	0.65	39.3	1.44	22.9	12.50	10.4	14
L840259		2.91	0.002	0.06	0.04	<2	<0.2	<10	40	<0.05	0.30	20.3	0.08	2.02	1.6	<1
L840260		6.15	0.004	1.19	3.95	8.0	<0.2	<10	50	1.94	2.41	0.53	0.22	58.6	17.4	46
L840261		5.84	0.006	0.22	3.44	3.9	<0.2	<10	60	3.11	0.66	1.64	0.07	56.9	21.9	56
L840262		10.27	0.002	0.16	3.07	4.1	<0.2	<10	100	1.56	0.29	2.12	0.12	40.4	19.0	48
L840263		6.87	0.002	2.40	3.16	6.7	<0.2	<10	60	2.36	0.71	0.72	9.05	53.6	17.7	51
L840264		5.18	0.002	0.40	3.15	5.2	<0.2	<10	70	1.94	0.67	0.81	1.00	52.4	16.1	46
L840265		9.01	0.002	0.98	4.16	4.9	<0.2	<10	50	2.15	1.17	0.39	1.56	53.4	15.6	50
L840266		<0.02	0.002	1.12	4.25	4.5	<0.2	<10	50	2.10	1.36	0.38	1.50	50.2	15.3	51
L840267		7.95	0.006	30.1	6.09	8.6	<0.2	<10	30	2.07	48.7	1.45	24.8	16.40	19.4	59
L840268		8.25	0.002	3.27	5.70	6.6	<0.2	<10	30	1.23	5.15	0.70	6.70	38.8	14.2	59
L840269		6.24	0.003	1.44	3.20	1.8	<0.2	<10	100	1.20	3.10	3.44	2.76	47.6	18.5	47
L840270		6.03	0.002	1.76	4.38	8.2	<0.2	<10	70	1.41	2.92	0.76	8.01	41.9	18.1	67
L840271		8.73	0.002	1.13	4.00	10.4	<0.2	<10	40	2.22	1.21	0.41	5.22	49.6	23.4	90
L840272		9.72	0.001	0.19	3.46	3.0	<0.2	10	50	2.18	0.36	1.62	0.16	39.9	19.3	56
L840273		8.86	0.002	0.37	3.34	7.4	<0.2	<10	40	2.55	0.51	1.92	0.73	49.3	19.5	50



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CERTIFICATE OF ANALYSIS WH12227174

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
L840188		9.81	23.5	3.59	6.83	0.16	0.05	0.01	0.023	0.53	41.1	94.3	0.91	421	0.75
L840189		1.02	995	3.28	3.66	0.10	0.21	3.08	0.075	0.11	7.4	10.9	0.48	2640	5.31
L840190		11.40	14.7	4.17	8.10	0.17	0.09	0.01	0.046	0.55	45.1	114.5	0.84	817	5.00
L840191		4.29	33.2	2.75	5.38	0.24	0.10	0.01	0.013	0.30	112.5	40.3	0.30	256	7.23
L840192		11.05	28.1	3.43	6.74	0.17	0.06	0.01	0.025	0.60	47.9	91.6	0.85	420	1.95
L840193		7.90	19.5	3.48	8.27	0.19	0.06	<0.01	0.027	0.68	50.0	91.3	0.86	382	1.05
L840194		7.12	13.0	2.17	5.30	0.13	0.07	0.01	0.022	0.40	55.8	65.5	0.81	423	3.08
L840195		6.74	14.3	2.04	5.08	0.13	0.07	<0.01	0.023	0.40	51.1	64.4	0.80	445	2.86
L840196		10.10	15.1	3.88	9.39	0.17	0.09	0.01	0.054	0.43	66.5	120.5	1.00	890	2.43
L840197		7.14	18.6	2.58	4.32	0.07	0.06	0.01	0.026	0.29	18.4	74.1	0.78	1100	5.71
L840198		0.14	1.7	0.48	0.09	<0.05	<0.02	0.01	<0.005	0.01	0.7	1.1	12.50	205	0.15
L840199		7.43	25.8	3.35	5.37	0.13	0.07	0.01	0.026	0.34	47.9	87.9	0.73	585	2.09
L840200		3.76	37.1	3.99	6.45	0.23	0.10	0.01	0.032	0.27	107.5	75.9	0.77	384	3.47
L840251		10.65	38.0	3.41	4.13	0.24	0.11	0.01	0.029	0.40	138.5	38.6	0.21	368	5.24
L840252		1.04	1015	3.34	3.77	0.09	0.21	3.15	0.075	0.11	7.6	11.8	0.48	2690	5.29
L840253		8.97	30.8	2.92	4.03	0.15	0.11	<0.01	0.027	0.34	81.4	33.7	0.18	437	3.47
L840254		5.52	36.6	3.78	5.20	0.17	0.07	0.01	0.033	0.28	74.5	50.3	0.30	483	2.14
L840255		7.39	16.6	6.45	8.54	0.15	0.05	0.01	0.059	0.35	31.8	179.5	1.15	1040	4.37
L840256		9.96	31.7	3.51	5.42	0.23	0.11	<0.01	0.033	0.40	140.0	68.8	0.67	1200	11.10
L840257		12.35	21.9	3.44	7.56	0.23	0.08	0.01	0.031	0.43	127.5	116.0	0.99	359	8.42
L840258		1.74	157.0	4.25	3.30	0.09	0.04	0.14	0.062	0.16	6.9	22.4	0.25	342	2.98
L840259		0.19	1.9	0.48	0.16	<0.05	<0.02	0.01	<0.005	0.02	1.0	1.5	12.15	198	0.15
L840260		11.10	17.8	7.28	12.60	0.20	0.05	0.01	0.040	0.47	31.2	210	1.81	699	0.36
L840261		10.80	22.7	4.52	12.15	0.15	0.04	<0.01	0.020	0.56	31.2	139.0	2.01	438	0.23
L840262		13.15	10.6	3.95	9.29	0.13	0.05	0.01	0.019	0.82	21.7	125.5	1.99	478	0.19
L840263		10.60	39.0	4.58	10.95	0.15	0.04	<0.01	0.068	0.60	29.1	126.5	1.68	468	0.49
L840264		12.10	23.5	4.45	10.15	0.16	0.05	0.01	0.030	0.66	27.8	109.5	1.79	438	0.41
L840265		10.15	22.7	7.83	13.05	0.24	0.05	<0.01	0.071	0.42	28.9	232	1.76	920	0.52
L840266		9.63	20.6	8.11	13.05	0.22	0.05	0.01	0.070	0.40	27.0	239	1.76	977	0.46
L840267		3.40	166.0	15.20	17.00	0.38	0.04	0.01	0.548	0.28	9.1	379	1.78	1860	0.26
L840268		4.51	8.0	11.90	16.45	0.32	0.03	<0.01	0.214	0.35	21.3	284	1.72	1570	0.15
L840269		17.40	14.7	4.71	8.67	0.16	0.06	<0.01	0.095	0.77	25.8	119.5	1.82	972	0.16
L840270		9.46	21.6	8.14	12.35	0.24	0.04	<0.01	0.204	0.58	22.8	171.5	1.89	859	0.33
L840271		8.00	33.6	6.55	13.00	0.20	0.04	0.01	0.306	0.39	27.1	162.5	2.09	634	1.16
L840272		8.37	26.1	4.78	11.70	0.16	0.04	<0.01	0.021	0.55	22.1	146.0	1.96	563	1.09
L840273		6.87	25.7	4.67	12.50	0.16	0.04	0.02	0.028	0.41	27.1	137.0	1.75	620	5.76



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CERTIFICATE OF ANALYSIS WH12227174

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
L840188		0.23	33.2	870	10.1	38.0	<0.001	0.13	0.11	4.6	0.6	0.8	98.4	0.01	0.01	17.0
L840189		0.27	28.2	630	>10000	6.3	0.002	2.48	40.4	4.0	3.2	2.0	288	<0.01	0.19	2.4
L840190		0.24	25.3	1000	51.0	44.2	0.001	0.19	0.34	4.3	0.6	1.5	73.4	0.01	<0.01	17.1
L840191		1.37	13.6	570	11.3	28.7	0.001	1.33	0.53	1.6	1.0	1.6	55.0	0.02	0.13	31.5
L840192		0.27	27.3	1130	6.5	41.6	0.001	0.23	0.19	4.1	0.6	1.5	87.4	0.01	0.01	19.8
L840193		0.38	26.6	1160	4.1	46.3	0.001	0.15	0.07	4.6	0.7	1.3	47.2	0.01	0.01	17.8
L840194		0.67	10.7	650	6.0	35.7	<0.001	0.38	0.15	3.0	0.6	2.0	143.0	0.01	0.01	18.0
L840195		0.61	10.3	650	6.1	35.6	0.001	0.34	0.15	2.9	0.5	2.4	147.0	0.01	0.01	16.1
L840196		1.06	13.3	1310	31.0	43.1	0.001	0.90	0.62	3.4	0.7	3.7	188.5	0.02	0.07	17.1
L840197		0.18	19.6	560	56.0	23.9	0.002	0.92	1.18	2.8	0.5	1.4	186.5	0.01	0.03	10.5
L840198		0.19	3.2	170	1.4	0.7	<0.001	0.06	<0.05	0.4	<0.2	<0.2	53.8	<0.01	0.01	<0.2
L840199		0.48	21.0	440	15.5	31.2	0.001	1.09	0.81	2.7	0.7	2.0	146.0	0.01	0.03	18.6
L840200		0.89	9.1	330	9.5	24.4	0.001	1.84	0.42	2.0	0.8	2.8	73.5	0.01	0.02	26.1
L840251		2.01	2.3	300	26.7	34.9	0.001	2.50	0.57	0.8	0.8	2.4	78.3	0.02	0.02	36.7
L840252		0.28	27.7	650	>10000	6.4	0.002	2.48	44.9	4.0	3.3	2.1	290	<0.01	0.19	2.5
L840253		1.65	3.0	320	21.3	31.0	<0.001	2.07	0.66	1.0	0.7	2.6	83.3	0.02	0.01	22.6
L840254		0.89	4.9	330	30.0	25.8	<0.001	1.88	0.49	1.5	0.7	2.9	155.0	0.02	0.01	18.2
L840255		0.26	26.4	430	72.0	31.3	0.001	0.87	1.03	5.0	0.5	4.9	164.0	0.01	0.01	13.6
L840256		1.06	20.8	440	45.9	37.0	0.001	1.64	1.74	3.2	1.0	3.5	217	0.02	0.02	40.2
L840257		0.36	27.3	420	18.6	39.9	0.001	0.79	1.19	3.9	0.8	2.6	161.5	0.01	0.01	33.8
L840258		0.24	19.0	100	3070	16.7	0.001	3.99	6.18	1.5	0.9	8.3	66.6	<0.01	0.18	4.0
L840259		0.20	2.9	190	6.1	1.0	<0.001	0.07	<0.05	0.5	<0.2	<0.2	54.2	<0.01	0.01	0.2
L840260		0.15	46.2	370	164.0	46.8	<0.001	0.66	1.27	6.1	0.4	4.6	68.7	0.01	0.01	13.4
L840261		0.11	57.0	320	16.9	46.7	<0.001	0.36	0.53	5.4	0.4	1.5	277	0.01	0.01	13.8
L840262		0.21	44.9	370	21.4	69.8	<0.001	0.17	0.35	3.8	0.3	1.7	182.5	0.01	0.01	8.4
L840263		0.12	40.8	410	1675	53.6	<0.001	0.58	2.21	4.8	0.5	2.7	179.5	0.01	0.01	13.3
L840264		0.13	40.2	440	132.5	59.5	<0.001	0.36	0.88	4.0	0.5	2.4	156.5	0.01	0.02	12.4
L840265		0.14	39.9	420	383	39.5	<0.001	0.31	0.76	6.2	0.4	5.4	105.5	0.01	0.01	14.6
L840266		0.15	38.9	410	450	36.7	<0.001	0.32	0.75	6.3	0.4	5.4	104.0	0.01	0.02	14.7
L840267		0.32	43.0	290	>10000	27.1	<0.001	1.94	3.91	10.3	1.2	13.4	87.1	0.01	0.08	14.2
L840268		0.20	41.7	300	1445	30.3	<0.001	0.20	0.48	8.8	0.4	9.0	60.2	0.01	0.03	15.1
L840269		0.20	41.7	360	526	65.1	<0.001	0.16	0.27	4.7	0.4	1.8	224	0.01	0.01	10.7
L840270		0.21	48.7	520	923	46.5	<0.001	0.36	0.59	6.2	0.4	3.6	97.0	0.01	0.02	12.3
L840271		0.16	59.9	670	1245	35.9	0.001	0.42	0.81	6.0	0.5	3.9	181.5	0.01	0.02	11.9
L840272		0.17	45.7	420	102.0	48.5	<0.001	0.25	0.25	4.8	0.4	2.6	336	0.01	0.02	9.7
L840273		0.15	44.8	390	231	42.1	0.001	0.45	0.48	4.6	0.4	3.2	366	0.01	0.02	11.7



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CERTIFICATE OF ANALYSIS WH12227174

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	Zn- OG46	Pb- OG46
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Zn %	Pb %
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.001	0.001
L840188		0.047	0.23	2.99	41	0.14	17.80	58	0.8		
L840189		0.050	0.14	0.82	31	5.92	7.39	>10000	6.4	1.895	1.930
L840190		0.045	0.30	2.84	33	0.20	23.8	216	1.6		
L840191		0.009	0.28	4.50	8	0.23	30.5	32	1.8		
L840192		0.071	0.27	2.67	34	0.17	21.0	37	0.9		
L840193		0.099	0.24	3.02	39	0.34	25.8	34	0.7		
L840194		0.035	0.23	2.55	17	0.19	20.5	28	1.2		
L840195		0.030	0.21	2.35	15	0.38	19.45	31	1.0		
L840196		0.039	0.35	3.78	20	0.30	24.4	145	1.5		
L840197		0.005	0.29	2.93	13	0.29	15.40	99	1.7		
L840198		<0.005	<0.02	0.72	1	0.10	0.80	14	<0.5		
L840199		<0.005	0.30	3.94	12	1.57	22.2	58	1.5		
L840200		<0.005	0.27	3.96	9	0.33	24.9	57	1.9		
L840251		<0.005	0.30	3.02	1	0.60	24.3	57	3.2		
L840252		0.050	0.14	0.86	32	5.89	7.57	>10000	6.5	1.885	1.955
L840253		<0.005	0.25	3.56	1	0.59	21.5	41	3.4		
L840254		<0.005	0.21	3.81	2	0.30	22.7	33	1.4		
L840255		<0.005	0.29	3.07	20	0.29	16.40	175	0.9		
L840256		<0.005	0.35	4.96	8	0.67	39.5	64	1.8		
L840257		0.008	0.47	3.72	16	0.49	27.4	62	1.3		
L840258		<0.005	2.27	1.32	4	64.4	4.58	5220	1.5		
L840259		<0.005	<0.02	0.56	1	0.63	1.01	18	<0.5		
L840260		0.022	0.75	1.35	31	0.26	10.85	116	1.0		
L840261		0.031	0.61	1.68	37	0.23	13.90	69	0.5		
L840262		0.113	0.54	1.01	30	0.23	9.58	86	0.9		
L840263		0.029	0.65	1.68	33	0.56	11.55	1960	0.7		
L840264		0.039	0.75	1.68	28	0.25	11.05	276	1.0		
L840265		0.015	0.53	1.77	34	0.19	10.65	410	0.9		
L840266		0.014	0.53	1.77	35	0.19	10.35	412	0.8		
L840267		0.009	0.49	2.02	44	0.24	10.35	5900	0.6		1.655
L840268		0.012	0.26	1.88	44	0.18	7.41	1640	0.6		
L840269		0.086	0.46	1.06	29	0.18	10.85	658	0.9		
L840270		0.045	0.51	1.22	41	0.24	8.19	1860	0.8		
L840271		0.027	0.46	1.32	53	0.18	9.19	1160	0.7		
L840272		0.064	0.49	0.99	37	0.25	9.05	95	0.5		
L840273		0.029	0.49	1.52	34	6.13	11.70	216	0.6		



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Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Samples with Ca> 10%on ICP- MS As. ICP- AES As results reported (2 ppm DL) Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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P.O. No.: Batch 8

This report is for 31 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27- SEP- 2012.

The following have access to data associated with this certificate:

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70%<2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85%<75 um
LOG- 22d	Sample login - Rcd w/o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	51 anal. aqua regia ICPMS	
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
Pb- OG46	Ore Grade Pb - Aqua Regia	VARIABLE

To: **STRATEGIC METALS LTD.**
ATTN: SARAH EATON
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
L840274		8.74	0.001	0.22	3.31	3.3	<0.2	<10	40	2.68	0.30	2.79	0.90	43.8	16.2	54
L840275		0.26	0.266	>100	1.29	244	0.2	<10	100	0.23	6.12	0.64	24.6	8.74	11.5	32
L840276		10.43	0.002	0.52	3.22	4.7	<0.2	<10	60	1.61	0.84	2.37	1.45	49.9	16.4	52
L840277		9.07	0.002	4.22	3.64	6.9	<0.2	<10	50	1.71	8.63	1.08	3.71	43.1	22.0	52
L840278		9.57	0.002	0.54	3.00	3.0	<0.2	<10	50	2.22	0.77	1.94	6.41	51.9	16.0	48
L840279		2.93	0.002	0.01	0.07	<2	<0.2	<10	20	0.07	0.05	19.90	0.07	1.60	1.4	<1
L840280		7.16	0.002	0.07	2.74	15.5	<0.2	<10	60	2.53	0.67	3.13	0.05	69.6	14.2	43
L840281		6.87	0.002	0.29	1.37	2.6	<0.2	<10	40	1.39	0.98	2.17	0.31	125.0	5.8	3
L840282		7.19	0.002	0.48	1.54	4.8	<0.2	<10	50	1.17	1.38	2.15	0.21	101.5	5.7	3
L840283		<0.02	0.003	0.45	1.55	5.5	<0.2	<10	50	1.11	1.27	2.07	0.22	101.5	5.9	3
L840284		9.00	0.002	0.54	2.96	32.2	<0.2	10	70	3.45	1.48	3.49	0.50	66.0	13.1	46
L840285		7.21	0.003	2.73	3.28	59.1	<0.2	10	50	4.75	6.92	3.80	1.72	69.4	16.3	37
L840286		6.88	0.002	3.30	3.07	46.6	<0.2	10	30	2.53	5.76	4.00	4.05	27.6	13.7	28
L840287		6.91	0.004	4.97	3.25	51.9	<0.2	10	40	2.29	8.62	3.49	13.35	26.0	17.3	31
L840288		7.15	0.002	4.46	3.50	33.2	<0.2	<10	40	2.90	6.77	4.40	30.1	32.2	11.7	32
L840289		2.94	0.001	0.01	0.04	<2	<0.2	<10	10	0.05	0.05	20.1	0.10	1.48	1.7	<1
L840290		7.49	0.002	1.43	2.43	144.5	<0.2	<10	30	2.58	1.67	5.83	10.85	50.2	13.6	21
L840291		9.16	0.006	5.13	1.76	31.4	<0.2	<10	30	1.50	5.80	3.44	24.1	22.3	16.0	16
L840292		7.86	0.007	3.97	2.95	51.6	<0.2	10	30	1.84	2.88	1.58	31.1	18.25	12.3	26
L840293		8.21	0.004	3.18	5.10	21.3	<0.2	10	30	2.42	3.01	1.81	19.85	20.5	12.6	53
L840294		3.99	0.002	0.56	3.23	17	<0.2	<10	30	1.65	0.43	12.95	5.70	35.3	10.4	40
L840295		6.78	0.003	1.16	3.57	18.2	<0.2	10	40	2.05	1.59	3.94	4.24	53.7	15.3	42
L840296		0.26	0.091	62.2	0.96	2500	<0.2	<10	80	0.48	4.53	5.97	130.0	15.50	14.1	32
L840297		7.90	0.008	0.42	3.48	30	<0.2	10	90	1.97	0.33	12.30	1.91	60.4	12.9	37
L840298		7.40	0.002	0.17	2.99	2.4	<0.2	<10	110	2.29	0.66	5.05	0.51	47.9	17.1	43
L840299		7.81	0.001	0.47	2.75	6.0	<0.2	<10	70	1.94	0.94	6.63	2.06	48.1	16.0	38
L840300		4.91	0.001	0.05	3.54	<0.1	<0.2	<10	300	1.48	1.59	6.13	0.14	15.60	14.4	56
M650040		8.25	0.002	0.07	4.09	0.3	<0.2	<10	320	1.69	0.33	5.67	0.13	19.40	18.1	78
M650041		7.46	0.001	0.06	4.15	<0.1	<0.2	<10	220	2.35	0.14	4.61	0.09	17.35	17.7	55
M650042		3.28	0.001	0.06	4.29	<0.1	<0.2	<10	240	2.14	0.13	4.92	0.10	18.75	17.8	55
M650043		9.46	0.002	1.06	2.84	5.6	<0.2	<10	110	1.67	0.84	4.58	16.15	32.3	17.6	43



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CERTIFICATE OF ANALYSIS WH12227175

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
L840274		8.60	22.3	3.84	12.05	0.14	0.04	<0.01	0.019	0.42	22.9	132.5	1.79	651	0.96
L840275		0.34	6340	5.19	4.27	0.14	0.25	1.34	0.452	0.10	4.0	9.8	0.79	1620	19.70
L840276		10.05	21.1	4.84	11.20	0.16	0.04	0.07	0.056	0.54	25.9	131.0	1.68	701	2.05
L840277		8.18	27.2	6.51	11.40	0.19	0.04	0.01	0.079	0.43	22.6	148.5	1.61	726	8.78
L840278		11.40	23.7	4.44	10.35	0.16	0.04	0.02	0.229	0.54	28.0	125.0	1.67	461	1.65
L840279		1.57	1.5	0.46	0.29	<0.05	<0.02	0.01	0.005	0.06	0.8	2.7	11.95	198	0.12
L840280		13.05	20.9	3.84	9.59	0.14	0.06	0.04	0.031	0.62	37.4	147.5	1.55	454	2.57
L840281		4.35	25.2	3.19	7.30	0.14	0.08	<0.01	0.031	0.26	67.2	59.9	0.43	588	1.57
L840282		5.83	28.2	3.60	7.02	0.15	0.08	<0.01	0.044	0.36	54.1	64.7	0.33	693	1.20
L840283		5.61	30.7	3.70	7.25	0.15	0.08	0.01	0.045	0.37	54.9	61.9	0.34	682	1.25
L840284		16.20	22.8	4.85	11.05	0.18	0.07	0.02	0.035	0.83	35.1	162.0	1.50	946	0.93
L840285		14.80	43.8	5.61	10.20	0.17	0.09	0.11	0.061	0.52	36.5	212	1.45	969	1.37
L840286		6.00	52.2	7.48	8.31	0.16	0.07	0.01	0.101	0.43	14.5	175.0	1.19	1760	2.46
L840287		5.82	76.5	7.29	9.15	0.15	0.07	0.01	0.114	0.50	14.0	208	1.45	1740	3.54
L840288		5.67	48.0	7.34	10.35	0.17	0.09	0.01	0.239	0.47	16.8	205	1.44	2350	1.34
L840289		0.25	3.1	0.50	0.14	<0.05	<0.02	0.01	0.005	0.02	0.7	2.1	12.05	208	0.07
L840290		8.04	36.0	4.30	6.59	0.12	0.07	0.01	0.083	0.39	25.2	146.0	1.25	2010	5.72
L840291		4.92	108.5	5.13	5.18	0.11	0.05	0.01	0.088	0.34	11.5	102.5	0.87	1300	3.05
L840292		5.60	40.1	8.28	8.96	0.16	0.06	0.01	0.248	0.40	9.5	182.5	1.02	1940	1.31
L840293		5.04	15.3	11.75	14.95	0.26	0.04	0.01	0.179	0.36	10.8	336	1.41	2280	2.84
L840294		6.36	10.5	6.19	10.20	0.15	0.03	0.01	0.074	0.37	17.9	167.0	1.55	1810	0.80
L840295		8.25	24.8	6.99	11.20	0.16	0.04	0.01	0.064	0.46	27.5	166.0	1.47	1260	0.19
L840296		1.06	1030	3.38	3.80	0.10	0.23	3.21	0.077	0.12	7.6	11.4	0.48	2700	5.16
L840297		10.20	17.1	4.50	10.40	0.15	0.06	0.01	0.050	0.66	30.6	142.0	1.58	2350	0.59
L840298		15.05	28.6	4.14	9.41	0.12	0.03	<0.01	0.035	0.59	25.2	144.5	1.68	755	0.38
L840299		10.50	26.0	4.55	8.85	0.12	0.04	0.01	0.064	0.45	25.4	155.5	1.37	1100	0.44
L840300		18.70	18.3	3.40	10.55	0.11	0.02	0.01	0.022	1.11	8.4	130.5	1.94	546	0.37
M650040		18.70	22.2	3.98	11.20	0.15	0.02	<0.01	0.022	1.44	10.4	161.0	2.41	650	0.49
M650041		14.70	35.5	3.86	11.75	0.12	0.02	0.01	0.020	0.97	9.3	155.0	1.99	452	0.96
M650042		14.20	36.0	3.92	12.05	0.14	0.02	0.01	0.020	1.06	9.8	158.0	2.06	476	1.07
M650043		12.45	56.7	4.80	9.69	0.13	0.03	0.01	0.069	0.55	17.2	120.5	1.60	957	0.98



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
L840274		0.29	40.9	390	106.5	47.5	<0.001	0.20	0.26	5.1	0.4	2.6	366	0.01	0.02	8.3
L840275		0.30	26.7	440	>10000	3.7	0.009	2.38	423	4.7	1.9	1.6	24.9	<0.01	1.21	1.1
L840276		0.20	43.1	420	319	57.1	0.001	0.26	0.35	5.5	0.4	3.9	217	0.01	0.01	10.8
L840277		0.17	68.2	300	1175	41.1	<0.001	0.68	0.61	5.2	0.5	3.5	170.5	0.01	0.03	12.0
L840278		0.17	42.5	430	265	56.7	0.001	0.72	0.47	4.9	0.5	2.4	260	0.01	0.02	10.9
L840279		0.37	2.3	170	3.6	7.6	<0.001	0.04	<0.05	0.7	<0.2	<0.2	45.1	<0.01	0.01	0.2
L840280		0.18	36.6	490	7.3	65.5	0.001	0.56	0.36	5.4	0.6	2.5	230	0.01	0.02	12.1
L840281		0.37	2.6	740	32.6	31.0	<0.001	1.27	0.35	2.0	0.6	3.9	157.0	0.01	0.01	20.7
L840282		1.06	2.0	590	79.4	41.8	<0.001	1.17	0.46	2.0	0.6	4.2	160.5	0.02	0.01	21.2
L840283		1.10	1.8	600	68.9	42.6	<0.001	1.30	0.46	1.9	0.7	4.4	155.5	0.02	0.01	20.6
L840284		0.20	38.3	390	183.5	133.5	0.001	0.32	0.63	6.3	0.6	5.3	243	0.01	0.03	12.3
L840285		0.12	40.0	420	585	71.3	0.001	0.70	2.02	6.4	0.7	7.3	292	0.01	0.06	12.2
L840286		0.13	32.2	260	818	47.9	0.001	1.94	3.80	6.0	0.6	10.0	183.0	0.01	0.04	10.6
L840287		0.14	38.8	310	1580	57.3	0.001	2.49	4.69	5.6	0.9	9.8	196.5	0.01	0.06	10.9
L840288		0.15	29.0	270	2550	52.1	0.001	1.43	3.65	6.7	1.0	11.2	259	0.01	0.05	11.8
L840289		0.20	3.3	170	7.1	1.5	<0.001	0.06	0.05	0.6	<0.2	<0.2	46.8	<0.01	0.01	<0.2
L840290		0.10	36.0	400	979	45.3	0.002	0.50	5.48	5.1	0.8	4.7	296	0.01	0.03	12.3
L840291		0.18	24.0	200	1790	37.6	0.001	3.27	7.39	3.1	0.8	7.9	183.5	0.01	0.04	6.9
L840292		0.37	28.2	310	3480	38.6	0.001	3.73	9.77	4.9	1.0	8.9	95.4	0.01	0.03	14.3
L840293		0.29	40.6	380	2480	35.8	0.001	1.63	4.05	8.5	0.7	13.7	117.0	0.01	0.04	15.1
L840294		0.23	31.9	460	548	37.4	0.001	0.60	1.43	7.5	0.4	3.7	349	0.01	0.01	8.8
L840295		0.14	35.6	400	381	45.9	<0.001	1.03	3.26	7.2	0.5	3.4	189.0	0.01	0.02	15.5
L840296		0.32	27.1	640	>10000	7.5	0.002	2.52	44.5	4.2	3.1	2.1	292	<0.01	0.21	2.4
L840297		0.39	29.1	470	288	72.1	0.001	0.71	2.62	8.8	0.6	2.6	365	0.01	0.02	10.8
L840298		0.14	38.5	390	38.0	51.0	0.002	0.43	0.23	5.4	0.7	1.2	284	0.01	0.02	10.7
L840299		0.13	35.9	480	216	40.7	0.001	0.50	1.26	6.3	0.7	1.8	294	0.01	0.02	11.6
L840300		0.24	32.4	320	10.8	80.9	<0.001	0.21	0.13	5.5	0.4	1.3	259	<0.01	0.05	4.0
M650040		0.31	40.9	560	11.8	100.5	0.001	0.31	0.09	5.4	0.5	1.3	253	<0.01	0.02	4.4
M650041		0.27	41.0	610	7.8	65.9	0.001	0.47	0.26	4.9	0.7	1.2	284	<0.01	0.02	4.2
M650042		0.27	41.5	600	7.4	69.9	0.002	0.41	0.13	4.9	0.7	1.4	265	<0.01	0.02	4.3
M650043		0.25	37.4	560	809	47.8	0.001	1.91	3.13	5.4	1.1	2.2	238	0.01	0.03	8.5



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Sample Description	Method Analyte Units LOR	ME-MS41 Ti %	ME-MS41 Ti ppm	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm	Zn-OG46 Zn %	Ag-OG46 Ag ppm	Pb-OG46 Pb %
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.001	1	0.001
L840274		0.071	0.33	1.01	37	0.34	12.10	225	0.7			
L840275		0.092	0.21	0.83	43	0.25	7.05	5280	8.0		100	1.025
L840276		0.054	0.42	1.27	36	30.6	12.70	361	0.5			
L840277		0.020	0.34	1.26	36	0.37	10.40	818	0.7			
L840278		0.034	0.40	1.45	35	9.56	11.90	1320	0.6			
L840279		<0.005	0.04	0.75	1	0.05	1.00	16	<0.5			
L840280		0.038	0.46	1.86	39	16.70	16.55	64	0.9			
L840281		0.005	0.27	3.69	5	0.49	23.1	75	2.2			
L840282		0.009	0.27	3.99	3	0.46	24.4	62	1.8			
L840283		0.010	0.27	3.99	3	0.39	24.2	64	2.0			
L840284		0.041	0.67	1.92	41	5.88	17.15	155	1.4			
L840285		0.007	0.75	1.81	27	45.6	19.10	418	1.8			
L840286		<0.005	0.74	2.30	29	0.42	15.50	997	1.7			
L840287		<0.005	0.91	2.23	24	0.52	16.60	3010	1.3			
L840288		<0.005	0.53	2.66	35	0.40	18.95	6260	2.4			
L840289		<0.005	<0.02	0.48	1	0.09	1.03	22	<0.5			
L840290		<0.005	0.38	2.68	26	0.56	20.9	2150	1.7			
L840291		<0.005	0.62	1.49	12	1.72	12.20	4890	1.2			
L840292		<0.005	0.57	3.16	21	0.36	14.90	6960	1.5			
L840293		0.007	0.43	2.84	48	0.34	13.05	4220	0.8			
L840294		0.011	0.30	1.45	36	0.34	14.45	1180	<0.5			
L840295		0.010	0.49	1.97	34	2.35	15.35	904	<0.5			
L840296		0.055	0.13	0.86	33	6.24	8.26	>10000	7.0	1.830		1.900
L840297		0.024	0.49	1.53	35	0.95	25.6	411	0.7			
L840298		0.039	0.30	1.42	42	0.42	12.65	162	<0.5			
L840299		0.014	0.30	1.98	38	0.28	16.85	477	<0.5			
L840300		0.149	0.36	0.46	51	0.54	5.93	69	<0.5			
M650040		0.191	0.45	0.55	54	0.54	6.34	71	<0.5			
M650041		0.159	0.37	0.55	54	0.62	5.27	62	<0.5			
M650042		0.164	0.33	0.57	54	0.51	5.72	63	<0.5			
M650043		0.057	0.45	1.44	41	0.37	12.00	3800	<0.5			



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CERTIFICATE OF ANALYSIS WH12227175

Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Samples with Ca> 10%on ICP- MS As. ICP- AES As results reported (2 ppm DL) Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).

APPENDIX IV
STATEMENT OF EXPENDITURES

Statement of Expenditures
124 QB Mineral Claims
October 29, 2012

Contract Diamond Drilling

Beaudoin Diamond Drilling Ltd.

\$116,368.05

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 – 510 West Hastings Street
Vancouver, B.C. V6B 1L8

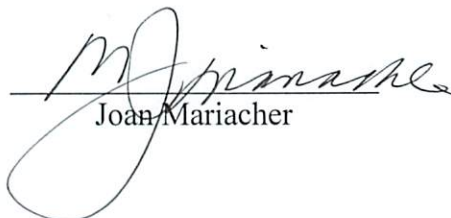
Telephone: 604-688-2568

Fax: 604-688-2578

AFFIDAVIT

I, Joan Mariacher, of Vancouver, B.C. make oath and say:

That to the best of my knowledge the attached Statement of
Expenditures for exploration work on the 124 QB mineral claims
on claim sheets 105B/8 is accurate.


Joan Mariacher

Sworn before me at Vancouver, B.C.

this 30th day of October 2012.


Barrister & Solicitor

IAN J. TALBOT
Barrister & Solicitor
281 East 5th Street
North Vancouver
British Columbia
Canada V7L 1L8