NTS 92P

Assessment Report for the Chu Chua Property Barriere, British Columbia, Canada

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Approximate Property Location:
Centre: 703859E and 5695730N
(UTM, NAD 83, Zone 10N)
24 km northeast of Barriere, BC (NTS 92P/8)

November 28, 2011
Edmonton, Alberta, Canada

Kristopher J. Raffle, B.Sc. P.Geo.

Assessment Report for the
Chu Chua Property,
Barriere, British Columbia, Canada

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Assessment Report for the
Chu Chua Project
Barriere, British Columbia, Canada

SUMMARY

This Report is written for the Chu Chua Property (the Property) which comprises two active mineral claims (529300, 529301) totaling 282.49 hectares located 24 km northeast of Barriere, BC. Reva Resources Corp. ("Reva") has 100 percent (%) interest in the Property subject to two separate 1% net smelter return (NSR) royalties. Newport Exploration Ltd. ("Newport") currently has an option to earn a 50% interest in the Chu Chua Property.

This assessment report presents the results of, and expenditures related to, exploration work conducted by APEX Geoscience Limited ("APEX") on behalf of Newport at the Property. Exploration during 2011 included: surveying the location of historic diamond drill collars; re-sampling of historic diamond drill core; and the creation of a digital elevation model (DEM) over the Chu Chua massive sulphide deposit. The exploration was conducted between the dates of July 6th and July 16th, 2011, and was supervised by Mr. Kristopher J. Raffle, P.Geo., a senior geologist of APEX.

The property is host to the Chu Chua deposit, a Cyprus-type volcanogenic massive sulphide body first discovered in 1978. The property is largely underlain by the Mississippian to Permian aged Fennell Formation which comprises basaltic and rhyolitic volcanic rocks, clastic and chemical sedimentary rocks and diabase sills. This volcanic stratigraphy is prospective for other Cyprus-type and Kuroko-type massive sulphide deposits and also has potential to host precious and/or base-metal-bearing epithermal deposits.

A total of 101 diamond drill holes, totalling 19,706 m, were completed to delineate the Chu Chua deposit between 1978 and 1991. Craigmont Mines Ltd. (Craigmont) drilled a total of 10,819.5 m in 55 core holes between 1978 and 1982. The drilling defined two areas of relatively thick, high grade sulphide mineralization occurring within 100 m of the surface. Additional drilling to test the grade, thickness, lateral and depth extent and continuity of the deposit was completed by Minnova Inc. (Minnova) between 1988 and 1991. The main Chu Chua deposit is comprised of two vertical to steeply west dipping lenses of semi-massive to massive pyrite-chalcopyrite and magnetite up to 40 m thick. The lenses strike for about 400 meters and have a maximum depth extent of 200 m. However, at least one deep hole has intersected massive sulphide at a depth of 630 m below surface. At the end of the 1989 Minnova drilling campaign the Chu Chua property "mineral inventory" was quoted at 2.7 million tonnes, grading 1.67% Cu, 0.31% Zn, 7.4 g/t Ag and 0.31 g/t Au. The resource is considered historic in nature, it does not meet the criteria for a 43-101 compliant resource of

any category as defined in “CIM Definition Standards on Mineral Resources and Ore Reserves” dated November 22nd, 2005, and it should not be relied upon.

The 2011 Chu Chua Property exploration program included: the re-location and DGPS surveying of a 60 historic diamond DDH collars; the collection of 110 samples from historic drill core at 1 metre intervals; and the creation of a (Digital Elevation Model) DEM over the Chu Chua deposit. Comparison of historic and current composite grades indicate that no significant variability exists between historically reported and current re-sampling for gold and silver assays at the Chu Chua deposit (0.00 g/t Au and 0.02 g/t Ag length weighted average difference based on 103.7 m of drill core re-sampled). However, current re-sampling indicates a decrease of 0.90% Cu and a decrease of 0.13% Zn in comparison to historically reported results based on 103.7 m of drill core re-sampled. Drill holes CC-17, CC-26 and CC-25 and CC-55 exhibit relatively high within-interval variability and it is apparent that discrete intervals of high grade mineralization are present within the majority of drill holes sampled. This suggests that the historic 5 m sample intervals do not provide adequate resolution of sulphide mineralization variability within the Chu Chua deposit. Increased base metal and silver values are not accompanied by a corresponding increase in gold assays within drill hole CC-17. However, high grade base metal and silver mineralization within drill holes CC-26, 54 and 55 is associated with modestly increased gold assay values.

Further exploration at the Chu Chua Deposit should be staged with the Stage 1a work to consist of geological modeling and interpretation of the existing massive sulphide lenses in an acceptable 3D modeling software leading to a modern 43-101 compliant resource calculation. Stage 1b should consist of a confirmatory drilling program to test the main zone and north zone in order to aid in the validation of the historic drilling and to convert some of the resource into an indicated category as well as provide samples for metallurgical work. A total of 1,200 m in 6 holes is recommended (Table 5). The estimated cost for the Stage 1b confirmatory drilling program is $300,000 not including GST. Depending upon the results of the Stage 1a and 1b work, Stage 2 should consist of a drilling program to test the lateral and depth extent of known sulphide mineralization, in particular at the south end of the main zone and below the main zone. A total of 2,400 m in about 6 holes is recommended, however the exact details of the recommended program will depend upon the results of the data compilation, re-interpretation of geology, resource calculations and confirmatory drilling results. The estimated cost for the Stage 2 drilling program is $720,000 not including GST.

INTRODUCTION

This Report is written for the Chu Chua Property (the Property) in which Reva Resources Corp. ("Reva") has 100 percent (%) interest subject to two separate 1% net smelter return (NSR) royalties. Newport Exploration Ltd. ("Newport") currently has an option to earn a 50% interest in the Chu Chua Property. The Property comprises 2 mineral claims acquired by Strongbow Exploration Inc. ("Strongbow") on March 2nd, 2006 and subsequently transferred to Reva on December 16, 2009. This assessment report presents the results of, and expenditures related to, exploration work conducted by APEX Geoscience Limited ("APEX") on behalf of Newport at the Property during July 2011.

APEX Geoscience Limited acted as consultants to complete an exploration program and Report on behalf of Newport specific to the Chu Chua Property. Exploration during 2011 included: surveying the location of historic diamond drill collars; re-sampling of historic diamond drill core; and the creation of a digital elevation model (DEM) over the Chu Chua massive sulphide deposit. The exploration was conducted between the dates of July 6th and July 16th, 2011, and was supervised by Mr. Kristopher J. Raffle, P.Geo., a senior geologist of APEX.

The supporting documents which were used in the Report are referenced in the 'History', 'Geological Setting' and 'References' sections below and are used solely as background information and are not the basis of the report.

Any reference in this Report to the 'current author' refers to Mr. Raffle, unless otherwise indicated. In writing this report, the author has used as sources of information those publications listed in the reference section. Coordinates herein use the Universal Transverse Mercator (UTM) with the 1983 North American Datum (NAD 83); the Chu Chua Property lies within Zone 10N.

PROPERTY DESCRIPTION AND LOCATION

The Chu Chua Property consists of two active mineral claims (529300, 529301) totaling 698.04 acres (282.49 hectares; Table 1) held by Reva. These claims, located about 24 km northeast of Barriere, B.C., are centered at Universal Transverse Mercator (UTM) North American Datum (NAD) 1983 Zone 10 coordinates: 703,859 E and 5,695,730 N, within National Topographic System (NTS) 1:50,000 scale map sheet 92P/8 (Figures 1 and 2). The claims were staked by Strongbow through online staking on March 2nd, 2006 and subsequently transferred online to Reva on December 16, 2009. The area currently held occupies territory on what was historically known as the CC1 claim. The Chu Chua massive sulphide deposit is located on claim 529300 (Chu Chua 1).

Table 1: 2011 Claim information for the Chu Chua Property, BC

Claim Name	Claim No	Owner	Owner No	%	Expiry (y/m/d)	Area (acres)	Area (ha)
CHU CHUA 27	529301	REVA RESOURCES CORP.	232281	100	2017/09/30	299.19	121.0 8
CHU CHUA 1	529300	REVA RESOURCES CORP.	232281	100	2018/09/30	398.85	161.4 1
					Total Area	698.04	282.4 9

Pursuant to an agreement dated November 22, 2010 Reva granted Newport an option to acquire a 50% interest in the Chu Chua claims. In order to exercise the option Newport must carry out and fund a work program as recommended by Raffle (2009).

In British Columbia, the owner of a mineral claim acquires the right to the minerals which were available at the time of claim location and as defined in the Mineral Tenure Act of British Columbia. Surface rights are not included. Claims are valid for one year and the anniversary date is the annual occurrence of the date of record (the staking completion date of the claim). To maintain a claim in good standing the claim holder must, on or before the anniversary date of the claim, pay the prescribed recording fee and either: (a) record the exploration and development work carried out on that claim during the current anniversary year; or (b) pay cash in lieu of work. The amount of work required in the first 3 years is $100 per claim unit (25 hectares) per year and $200 per claim unit per year in years 4 and forward. Only work and associated costs for the current anniversary year of the mineral claim may be applied toward that claim unit. If the value of work performed in a year exceeds the required minimum, the value of the excess work, in full year multiples can be applied to cover work requirements for that claim for additional years (subject to the regulations). A report detailing work done and expenditures must be filed with, and approved by, the B.C. Ministry of Energy and Mines (Mineral Titles Online Website – www.mtonline.gov.bc.ca).

All work carried out on a claim that disturbs the surface by mechanical means (including drilling, trenching, excavating, blasting, construction or demolishment of a camp or access, induced polarization surveys using exposed electrodes and site reclamation) requires a Notice of Work under the Mines Act and the owner must receive written approval from the District Inspector of Mines prior to undertaking the work. The Notice of Work must include: the pertinent information as outlined in the Mines Act; additional information as required by the Inspector; maps and schedules for the proposed work; applicable land use designation; up to date tenure information; and, details of actions that will minimize any adverse impacts of the proposed activity. The claim owner must outline the scope and type of work to be conducted, and approval generally takes one month.

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Chu Chua Property

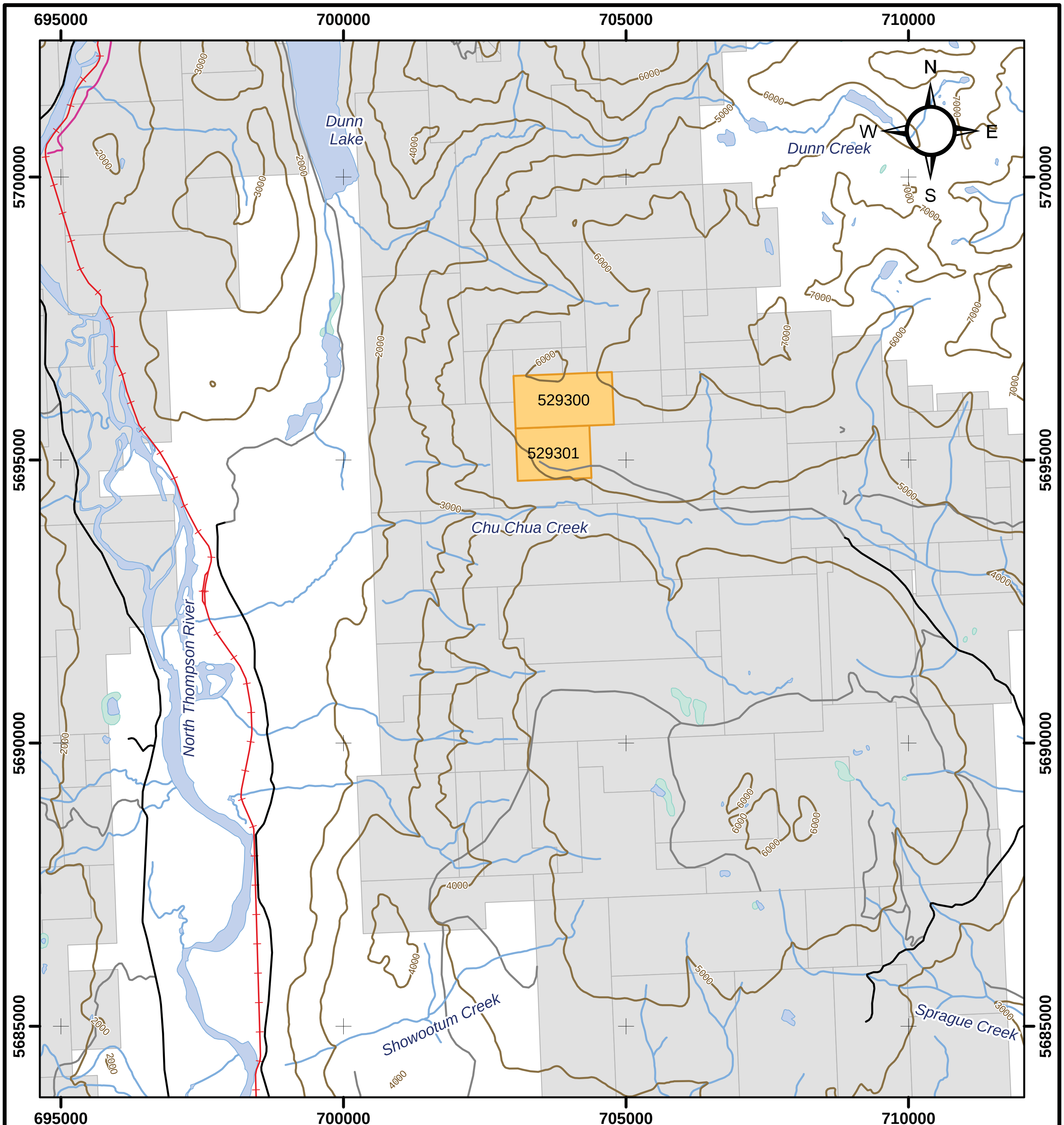
PROPERTY LOCATION

British Columbia, Canada

0 100 200 300 Km

1:8,000,000

APEX Geoscience Ltd. Figure 1



Legend

- Chu Chua Claims
- Adjacent Claims
- Elevation Contours - 1000ft intervals
- Roads
- Railway
- Trails
- Watercourse
- Limited Use Roads
- Waterbodies
- Wetlands

NEWPORT EXPLORATION LTD.

Chu Chua Property

CHU CHUA CLAIMS

British Columbia, Canada

0 0.4 0.8 1.6 2.4 3.2 4 Kilometers

1:98,240

NAD 1983 Zone 10

APEX Geoscience Ltd. Figure 2

Exploration activities that do not require a Notice of Work include: prospecting with hand tools, geological/geochemical surveys, airborne geophysical surveys, ground geophysics without exposed electrodes, hand trenching (no explosives) and the establishment of grids (no tree cutting). These activities and those that require Permits are outlined and governed by the Mines Act of British Columbia.

The Chief Inspector of Mines makes the decision whether or not land access will be permitted. Other agencies, principally the Ministry of Forests, determine where and how the access may be constructed and used. With the Chief Inspector's authorization, a mineral tenure holder must be issued the appropriate "Special Use Permit" by the Ministry of Forests, subject to specified terms and conditions. The Ministry of Energy and Mines makes the decision whether land access is appropriate and the Ministry of Forests must issue a Special Use Permit. However, three ministries, namely the Ministry of Energy and Mines; Forests; and Environment, Lands and Parks, jointly determine the location, design and maintenance provisions of the approved road.

The Chu Chua deposit represents the principal area of mineralization within the Chu Chua Property; lying in the eastern part of claim 529300. Heberlein (1990) described a mineral inventory for the Chu Chua deposit of 2.7 million tonnes, grading 1.67% copper (Cu), 0.31% zinc (Zn), 7.4 grams per tonne (g/t) silver (Ag) and 0.31 g/t gold (Au). The resource is considered historic in nature and does not meet the criteria for a 43-101 compliant resource as defined “CIM Definition Standards on Mineral Resources and Ore Reserves” dated November 22nd, 2005, and as such the historical estimate should not be relied upon.

The Chu Chua property is undeveloped with no historic workings or development. At present the authors do not know of any environmental liabilities associated with the property.

<u>ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE and PHYSIOGRAPHY</u>

The Chu Chua claims are located 24 kilometres (km) northeast of Barriere, B.C., centered on the Chu Chua deposit (120^{o}3’42”W longitude and 51^{o}22’51”N latitude or UTM 704,480E and 5,696,320N NAD 83, Zone 10). The property is vehicle-accessible along the paved Barriere Lakes Road and either the North Barriere Lake or Birk Creek logging roads. The Chu Chua deposit can be accessed via 4x4 vehicle from the end of the Birk Creek logging road. The climate varies seasonally with temperature ranging from -30 to +40^{o}C. Experiencing heavy snowfall in the winter, the work season lasts from late June to mid October. Elevation varies from 900 to over 2200 metres (m). Snow may still be present into July at higher elevations. Vegetation varies with elevation from alpine to sub alpine below 1800 m. Logging status has had great effect on the area with clear cut, second growth, spruce pine and cedar forests all being present on the property.

Barriere (population 3,450) is the closest town to the property; accommodations, RCMP and a health center can be found there. Lodging may be found at other communities between Barriere and Kamloops. Kamloops is the nearest major center, providing all services; located 64.1 km south of Barriere along Highway 5 (The Yellowhead). Kamloops has an airport that provides charters along with scheduled air service.

If an exploration camp were to be established on the property electric power would be provided by a diesel generator and water may be sourced from numerous streams in the Chu Chua area.

HISTORY

In 1977, Vestor Explorations Ltd. conducted a stream survey and located a 10 m^2 limonite gossan on the south slope of Chu Chua Mountain near a northerly striking massive magnetite body (Vollo, 1979a). The property was optioned by Craigmont Mines Ltd. (Craigmont) and subsequently drilled with a total of 2,843 meters in 23 holes in 1978. Twenty-two of these holes are located within Strongbow's permit 529300 and one hole (CC-8) falls ~45 m north of the claim boundary. Most of the holes, except one CC-9, were completed with BQ core; CC-9 was completed with AQ core. The drillholes were drilled with an azimuth 90°/270° and a dip of -50° or -55°. This initial drilling outlined the Chu Chua massive sulphide body with thicknesses up to 15 m, a strike length of 300 m and a vertical depth of 200 m. Highlights from this early drilling included five metre sample 2436 from drill hole CC-6 which assayed 4.41% Cu, 0.69% Zn, 1.23 g/t Au and 15.09 g/t Ag, five metre sample 2305 from drill hole CC-16 which assayed 7.47% Cu, 0.75% Zn, 0.69 g/t Au and 22.6 g/t Ag and 4.2 metre sample 2313 from drill hole CC-17 which assayed 14.54% Cu, 0.93% Zn, 1.03 g/t Au and 9.3 g/t Ag (Vollo, 1979a).

Between April 5 and May 20, 1979, a Digital Helicopter Electromagnetic (DIGHEM) survey of 2274 line-km was flown in the North Thompson River Area including over the Chu Chua deposit (Fraser and Dvorak, 1979). This survey covers both of the current Strongbow claims. Following the survey 21 holes totaling 3,329.8 meters were drilled (all with BQ core).The drillholes had azimuths of 90° and dips of -50° or -55°. A total of 15 holes (2,655 m) targeted the main area of interest identified by the 1978 drilling, these holes fall on Strongbow's claim 529300. Eleven of these holes intersected massive sulfide. An additional 4 holes (CC-34, 35, 37, 39) were drilled to test the extent of the deposit along strike to the north (north of claim 529300). Unfortunately, these holes did not intersect any massive sulfide. Two holes (CC-43, 44) were drilled ~1.3 km east of the deposit to test nearby conductors which proved to be graphitic cherts (Vollo, 1979b,c).

In October 1980 a Horizontal Loop Electromagnetic (HLEM) survey was carried out on the Chu Chua claim group but did not reveal prospects of similar size and conductivity to the Chu Chua deposit (Hallof, Cartwright, and Adomaitis, 1981).

In 1981, 3 additional holes were drilled to test the extent of the known ore zone. All holes were drilled with BQ core, with azimuths of 90° and a dip of -50°. Two holes (CC-45, 46) fall on Strongbow's claim 529300 and one hole (CC-47) lies just south of the claim. Hole CC-45 (319 m) was drilled to test the down-dip Chu Chua sulphide zone and encountered tuffite with minor chalcopyrite (Vollo, 1981). Hole CC-46 (420 m) intersected beds of massive, cupriferous pyrite, magnetite and talc in a siliceous tuffite unit. Hole CC-47 (110.5 m) was drilled on a parallel conductor and intersected only basalt (Vollo, 1982a).

In 1982, eight holes totaling 3,991.5 m were drilled targeting the Chu Chua mineralized zone (all on Strongbow's claim 529300). The holes were drilled mainly with BQ core, except CC-54 which was drilled with AQ core; an azimuth of 90° and a dip of -55°, except CC-48 which had a dip of -50. Hole CC-48 intersected beds of massive, cupriferous pyrite, magnetite and talc in a siliceous tuffite unit and included a 6.7 metre intersection assaying 2.4% Cu, 0.34% Zn, 2.61 g/t Au and 13.8 g/t Ag from 445.7-452.4 m (Vollo, 1982a). Three additional holes (CC-49, -54 and -55) tested the depth extent of the Chu Chua sulphide lens and intersected narrow zones of massive sulphides, tuffite and altered basalt at downhole depths up to 600 m (Vollo, 1982b).

Additionally in 1982, very low frequency-electromagnetic (VLF-EM) and magnetic surveys were conducted over a 35 km grid, 516 soil samples were collected and four holes (CC-50 to -54) totaling 229.5 m were drilled on permits surrounding the current property to the north and east. Several electromagnetic conductors were identified including one with a correlative magnetic and geochemical response which was drilled with negative results (Vollo, 1982c).

The Craigmont exploration program at Chu Chua was cancelled in 1983 due to the closure of the Craigmont Mine near Merritt, B.C. and difficult deep hole drilling conditions (Morganti, 1983). The property was returned to Vestor Explorations Ltd.

In subsequent years exploration was mainly focused on the area surrounding the deposit. During October of 1984, Vestor Explorations Ltd. contracted Glen E. White Geophysical Consulting and Services Ltd. to conduct a program of vector pulse electromagnetic surveying. Nineteen kilometres were covered on the Chu Chua 5, 6, and 7 claims (northeast of Strongbow's claims).

This survey detected four conductors of considerable strike length that correlated with magnetic highs and the target tuffite horizon (Candy and White, 1984).

In 1985 Corporation Falconbridge Copper concluded an exploration program on the SC, Anna and Bar claims (south of the Chu Chua deposit) which included geological mapping, and the collection of 184 rock and 28 soil samples. In August 1985 Corporation Falconbridge Copper acquired the Chu Chua property. Subsequently, 99.15 km of line cutting and 82.5 km of HLEM were carried out on 3 grids. The Chu Chua grid covers the Chu Chua sulfide body and extends to the east (it overlaps western portion of Strongbow's claim 529300). The other two grids (SC and Anna grids) are located south of the Chu Chua deposit (Pirie, 1985a, b). Three holes, located east of the Chu Chua deposit, totaling 617.5 m were drilled, to test HLEM anomalies and adjacent stratigraphy but no significant sulfides were intersected (Pirie, 1985c).

In 1986 the Chu Chua grid was extended 1.5 km south. Thirty kilometres of HLEM was completed and 1,074 soil geochemical samples were collected to test for along strike continuity of the mineralization (adjacent to the south and east of Strongbow's claims). Additionally, 8 targets were drilled, (north-east of the Chu Chua deposit) totaling 937.3 m, but sulphide content was generally found to be quite low with graphitic argillites commonly explaining conductive the anomalies (Pirie, 1986).

Corporation Falconbridge Copper changed their name to Minnova Inc. in 1987. The 1987 drill program tested the conductors from the geophysics surveys (north and east of Strongbow's claims) with 6 drill holes totaling 852.2 m. Although no mass sulphide was encountered, Au values up to 1,050 ppb were found in hole CCF-16 at a depth of 94.5 to 97.5 m within an altered quartz-feldspar porphyry (QFP) rhyolite dome (Gray, 1987). Additionally, in 1987 a field program was conducted on claim SC1 (southeast of Strongbow's claims) which included a 1:2,500 scale geological mapping program, the collection of 26 rock and 273 geochemical samples, and 3 days of HLEM surveying. Several weakly anomalous areas and interesting conductors were identified but no major geological, geophysical or geochemical targets were proven (Pirie, 1988).

The 1988 field season consisted of a focused drilling program on the Chu Chua deposit and an extension of the Chu Chua Main HLEM Grid to the north (north of Strongbow's claims) (Blackadar, 1989; Lear, 1989). Drilling by Craigmont in the late 1970's and early 1980's had defined two areas (Main Lens and North Lens) of relatively thick, high grade mineralization occurring within 100 m of the surface (Blackadar, 1989). Minnova's 1988 drilling was designed to test the continuity of grade and thickness of both lenses of the Chu Chua sulfide deposit by establishing drill intercepts at 25 m spacing. The program was comprised of 13 NQ holes totaling 1,152 m, drilled at an azimuth of 90° with dips between -45° and -62° (all holes are on Strongbow's claim 529300). As a result of this drilling significant tonnage was added to the deposit and the western margin of the Main sulphide lens was defined. The Main Lens was determined to be a funnel shaped body with two zones of mineralization termed the Footwall and Hanging Wall Zones. The Footwall Zone was found to be a well developed, continuous zone of highly variable thickness located along the footwall contact of the lens. It had an average thickness of about 7.2 m and contained the highest grade mineralization in the deposit. The Hanging Wall Zone was found to be thinner, less continuous and of lower grade, with an average thickness of about 4.5 m. The North Lens was found to be thinner than the upper part of the Main Lens, contained quite uniformly mineralization but with lower grade than the Footwall Zone (Blackadar, 1989).

During the 1989 field season, 21 NQ drill holes totaling 1,662.5 m were completed in the deposit area (all holes are on Strongbow's claim 529300). The holes were drilled with azimuths of 90° and dips ranging from -45° to -60°. Samples were collected as split core at 0.3 -1.6 m intervals as dictated by visual estimates of grade. Specific gravity was measured for every assay sample. This further delineation of the near surface ore reserves showed that the highest copper grades were generally found in the Footwall and Hangingwall Zones within the massive sulfide. Grades within the high grade zones were found to be extremely variable depending on the sample length, attention to mineralization by the sampler, and the amount of copper in the hole. Higher values of other metals, zinc, silver, and gold were found to often coincide with high grade copper values (Wild, 1989). Additionally, approximately 24.3 line-km of transient electromagnetic survey was conducted by Quantech Consulting Inc. over the deposit area and possible north/south extensions, using a previously established grid. The survey suggested that any further mineralization was likely to be at depth (Wild, 1989).

Between August 1 and November 10, 1990, eight holes totaling 1,731.9 m were drilled. Three holes were drilled into the deposit to test specific targets in the footwall and on the plane of mineralization. Two holes (CCF61-62) totaling 1,014.1 m are on Strongbow's claim 529300 and one hole (CCF60) totaling 100.9 m falls just north of the claim boundary. Holes CCF-60 and -61 did not identify any additional mineralization, however, hole CCF-61 did provide an additional, shallow intersection of the North Lens. Hole CCF-62 demonstrated that the massive sulfide persists down to the 550 m depth and identified a zone of zinc rich massive sulphide; something that had not been previously observed at Chu Chua (Heberlein, 1990). The additional 5 holes were completed to test coincident EM and magnetic anomalies on the CC-11 claim (~1.5 km south-east of Strongbow's claims). The anomalies were explained mainly by a sequence of wackes, graphitic argillites and cherts (Heberlein, 1990).

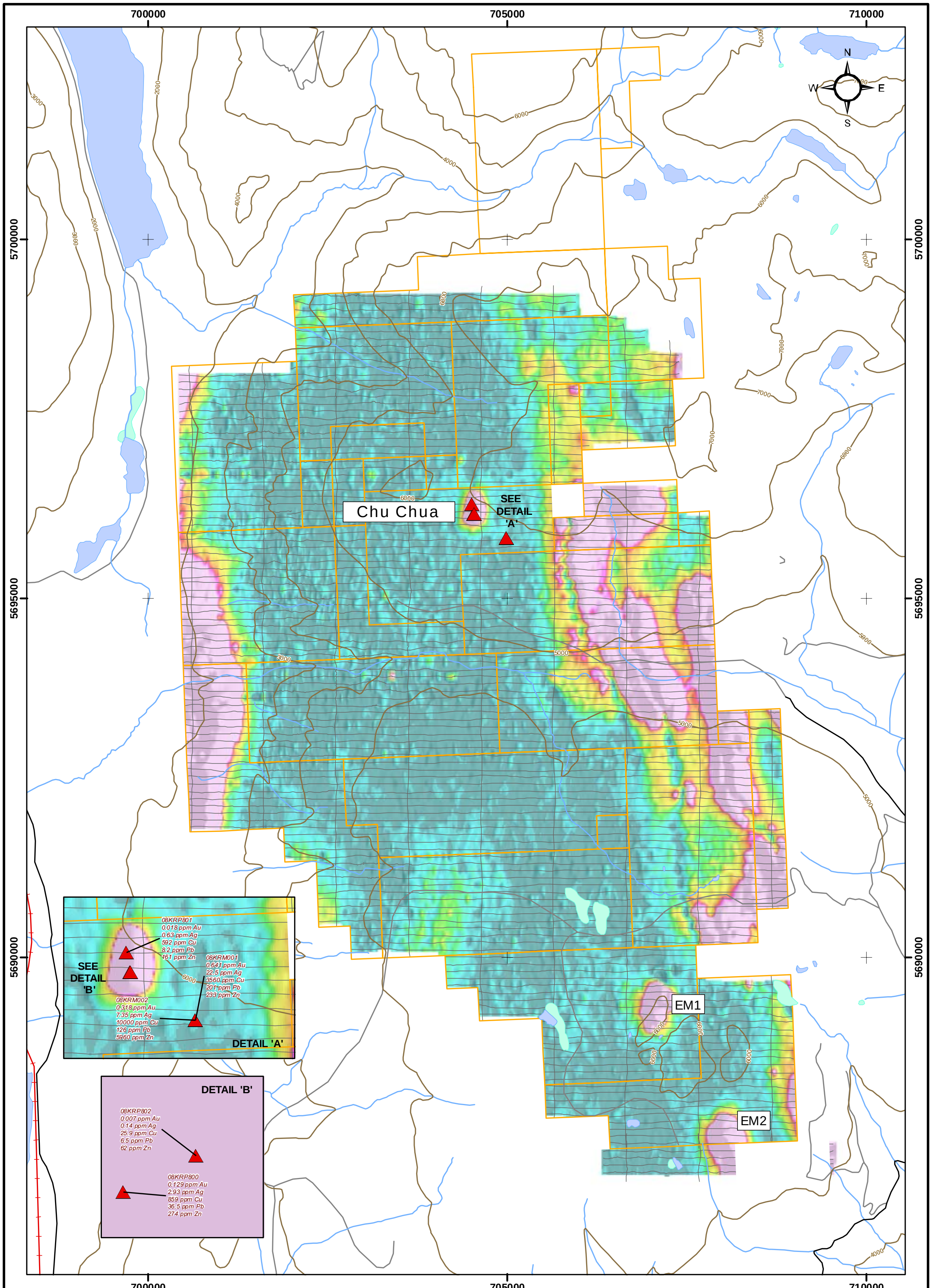
Minnova completed their last work in the Chu Chua area in the autumn of 1991. Nine NQ drill holes totaling 4,957 m tested the Chu Chua sulphide horizon along strike and down-dip; these holes were probed with Pulse EM surveys. Six holes, totaling 3,792.7 m, are located on Strongbow's claim 529300, two holes

(CCF-64, -65) are located north of the claim and 1 hole (CCF-68) is located just south of the claim. Holes CCF-63 to 66 tested the northern extent of the Main Lens, with azimuths of 90° and dips from -58° to -69°. The drilling intersected zones of intense silicification that were interpreted to be the result of hydrothermal fluids during mineralization. Holes CCF-67 and -68 tested the Chu Chua horizon to the south of the Main Lens, with azimuths of 90° and 270° and dips of -58° and -55°, respectively. Neither hole intersected sulfides or altered pillow basalts. Hole CCF-69 was drilled with and azimuth of 90° and a dip of -68° to test the down-dip extent of the Main Lens and a zone of pyrite-chalcopyrite stringers which occur on the southern fringe of the intense silicification noted in holes CCF-63 and -66. A new hanging wall massive sulphide zone was intersected by this hole at 381 m with average assays of: 0.97% Cu, 0.84 g/T Au over 14.85 m and 0.75% Cu, 1.37 g/T Au over 4.65 m (Wells, 1991). To the south and 230 m down dip the horizon was correlated with a 11.55 m zone of chert and magnetite-hematite-pyrite exhalite in hole CCF-70 (Wells, 1991). Further drilling of this zone was recommended but not completed. Hole CCF-71 was drilled, with an azimuth of 90° and a dip of -70°, to test the north and down-dip extent of the intersection from CCF-69, at an azimuth of 90 and a dip of -70°. This hole intersected a 10 m thick massive sulfide zone at approximately 657 m, assays returned an average 0.69% Cu, 0.14 g/T Au and 5.69 g/T Ag.

In 1995, Eighty Eight Resources conducted a soil and rock geochemical survey on their KB group of claims (south of the Chu Chua deposit), finding favourable geology and alteration associated with massive sulphide deposits (Belik, 1995). They did not follow up their findings.

Work on Chu Chua resumed in 2006, when Strongbow completed a soil sampling program consisting of 302 samples, on the central portion of the Chu Chua claims. A total of 30 soil samples are located within claim 529300 and 8 samples within claim 529301. This survey validated the position of historic work and found multi-element relationships between EM conductor and soil anomalies (Gale, 2007).

In 2008 the field program for the Chu Chua property included a helicopter-borne time domain geophysical survey and a property visit by Mr. Kris Raffle, B.Sc., P.Geo. of APEX. During summer 2008, Aeroquest Limited completed an 839.7 line km helicopter-borne AeroTEM III survey (covering the Chu Chua property and surrounding area). The AeroTEM III, time-domain EM system in conjunction with a cesium vapour magnetometer was flown east-west with a 100 m cross line spacing from June 29 to July 5, 2008 which identified the Chu Chua deposit as a magnetic anomaly accompanied by a slightly offset strong EM anomaly likely representing the juxtaposition of the massive sulphide body and magnetite alteration of the host rocks (Figures 3 and 4). The anomalies revealed that the Chu Chua deposit has an approximate strike length of between 400 and 450 m (Figures 3 and 4) and is fairly steep in nature. The elongated magnetic contours to the south may indicate that the deposit plunges to depth to the south



Legend

- 2008 Samples
- Elevation Contours - 1000ft intervals
- Roads
- Railway
- Trails
- Watercourse
- Limited Use Roads
- Waterbodies
- Wetlands
- Chu Chua Claims
- Flight Lines

NEWPORT EXPLORATION LTD.

Chu Chua Property

2008 SAMPLING AND AIRBORNE GEOPHYSICS - ZOFF

British Columbia, Canada

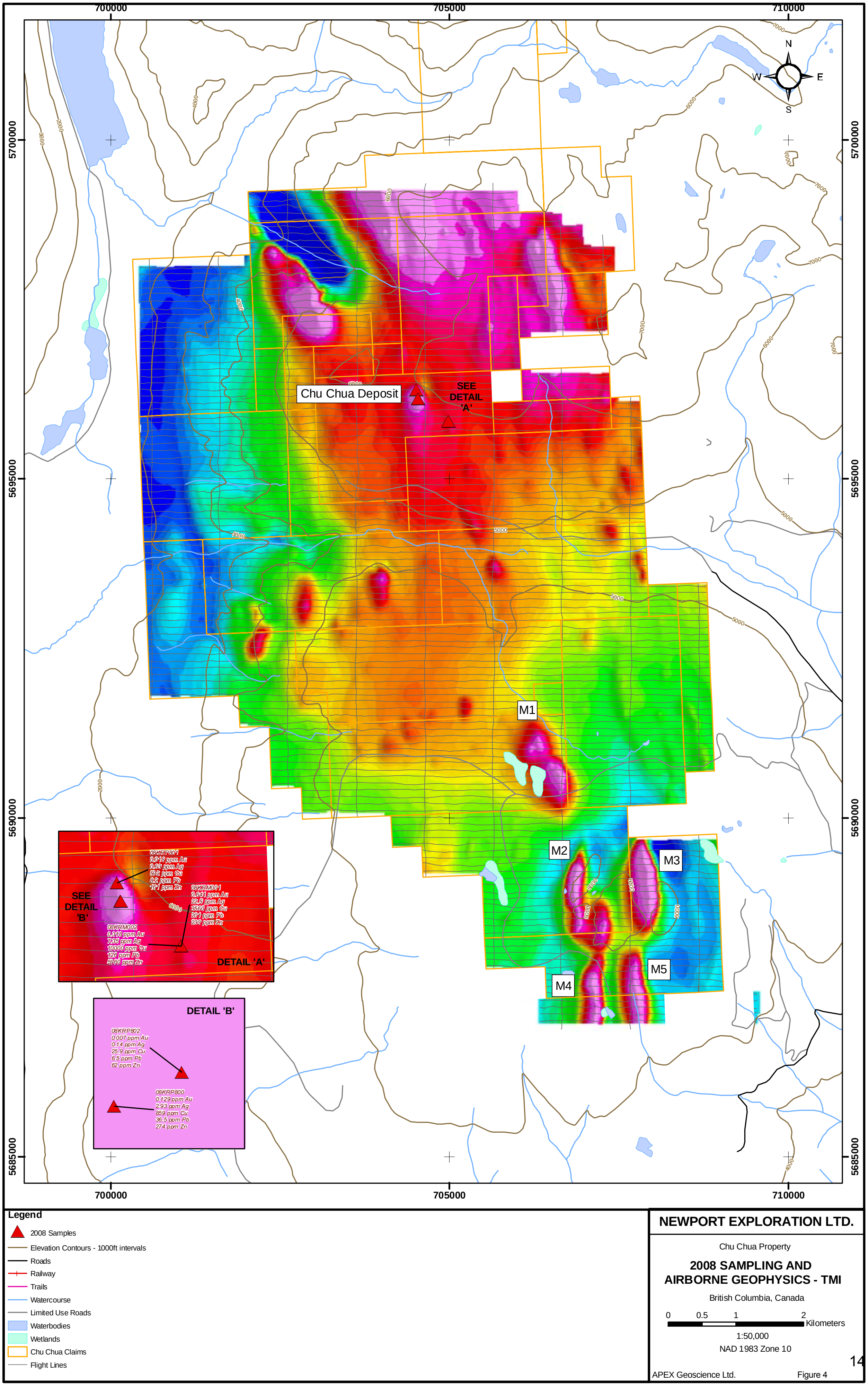
0 0.5 1 2 Kilometers

1:50,658

NAD 1983 Zone 10

APEX Geoscience Ltd.

Figure 3


700000
705000
710000
5700000
5695000
5690000
5685000
N
W
E
S
Chu Chua Deposit
SEE DETAIL 'A'
M1
M2
M3
M4
M5
SEE DETAIL 'B'
08KRP801
0.018 ppm Au
0.63 ppm Ag
592 ppm Cu
8.2 ppm Pb
161 ppm Zn
08KRM001
0.641 ppm Au
22.5 ppm Ag
3560 ppm Cu
201 ppm Pb
233 ppm Zn
08KRM002
0.318 ppm Au
7.35 ppm Ag
10000 ppm Cu
126 ppm Pb
5960 ppm Zn
DETAIL 'A'
DETAIL 'B'
08KRP802
0.007 ppm Au
0.14 ppm Ag
25.9 ppm Cu
6.5 ppm Pb
62 ppm Zn
08KRP800
0.129 ppm Au
2.93 ppm Ag
859 ppm Cu
36.5 ppm Pb
274 ppm Zn
Legend
2008 Samples
Elevation Contours - 1000ft intervals
Roads
Railway
Trails
Watercourse
Limited Use Roads
Waterbodies
Wetlands
Chu Chua Claims
Flight Lines
NEWPORT EXPLORATION LTD.
Chu Chua Property
2008 SAMPLING AND AIRBORNE GEOPHYSICS - TMI
British Columbia, Canada
0 0.5 1 2 Kilometers
1:50,000
NAD 1983 Zone 10
APEX Geoscience Ltd.
Figure 4

(Figure 4). During fall 2008, Mr. Raffle visited the Chu Chua Property and collected a total of 5 rock and/or historic core samples from the Property. Three rock samples of variably altered volcanic rocks were collected from around the Chu Chua deposit and two samples from historic core were collected from drill hole CC-21 at approximate depths of 193 and 208 m, respectively (Raffle, 2008). Pyrite and magnetite were associated with the rock samples, the best of which (08KRP800) assayed 0.086% Cu, 0.027% Zn, 0.129 g/t Au and 2.93 g/t Ag. The core samples comprised chalcopyrite-bearing volcanic rocks and massive sulphide, the latter of which (08KRM002) assayed 3.78% Cu, 0.6% Zn, 0.318 g/t Au and 7.35 g/t Ag (Raffle, 2008). The Cu, Au and Ag values obtained for sample 08KRM002 were significantly higher than the reported values for the historic core sample, however, the historic core sample was a 4.5 m core sample. Sample 08KRM002 was collected from a much smaller interval.

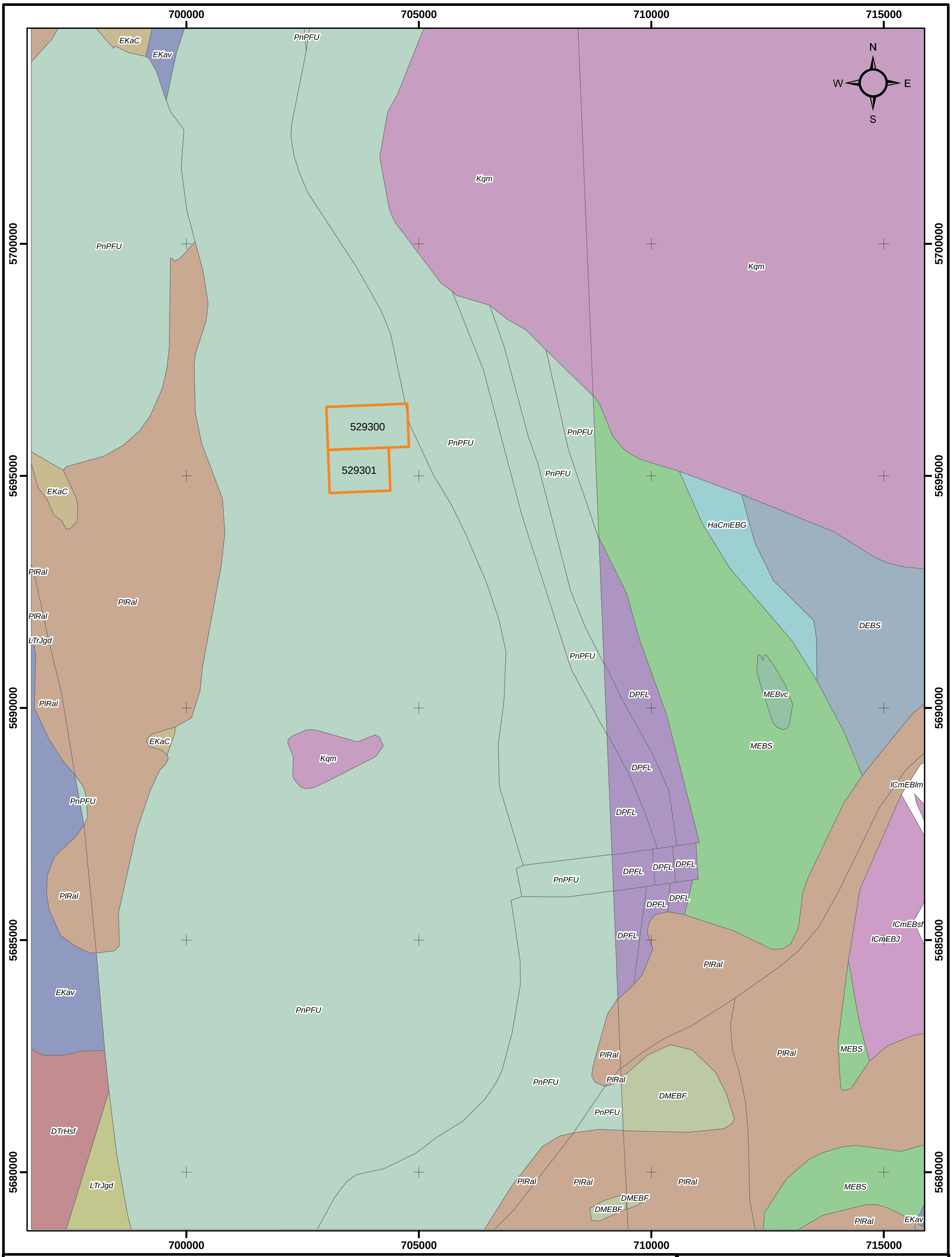
GEOLOGICAL SETTING

Regional Geology

Schiarizza and Preto (1987) mapped the Adams Plateau Clearwater-Vavenby area at 1:100,000 providing a concise regional geological picture for the Chu Chua property. The following regional geology section is taken from this work.

The Chu Chua area is on the western edge of the Omineca Belt and is underlain by the Fennell Formation of the Slide Mountain Assemblage to the west and by the Eagle Bay Assemblage to the east (Figure 5). The Early Cambrian to Mississippian Eagle Bay Assemblage is in the pericratonic Kootenay Terrane and consists of metasedimentary and metavolcanic rocks which are repeated in four Northwest-dipping thrust sheets. The assemblage is comprised of a Lower Palaeozoic succession of clastic metasediments, *carbonate* and mafic metavolcanic rocks, and an overlying Devono- Mississippian succession of felsic to intermediate melavolcanic rocks and metasediments. The Homestake and Rea VMS deposits are hosted by intermediate to felsic metavolcanic rocks of the Lower Devono-Mississippian succession.

The Slide Mountain Assemblage is part of Slide Mountain Terrane and consists of the Devonian to Middle Permian Fennell Formation. The formation is an oceanic sequence consisting of two major divisions. The structurally lower (eastern) division comprises a heterogeneous assemblage of bedded chert, gabbro, diabase, pillowed basalt, clastic metasediments, quartz-feldspar-porphyry rhyolite and intrafonnalional conglomerate. The upper (western) division consists almost entirely of pillowed and massive basalt with gabbro and minor bedded chert and argillite. Both intrusive and extrusive mafic igneous rocks are tholeiitic. Tops throughout the succession consistently face west.



Legend

Chu Chua Claims

Bedrock Geology

UNIT

- PlRal - PLEISTOCENE TO RECENT - unnamed alluvium, till
- EKaC - EOCENE - KAMLOOPS GROUP - CHU CHUA FORMATION undivided sedimentary rocks
- EKav - EOCENE - KAMLOOPS GROUP undivided volcanic rocks
- Kqm - CRETACEOUS - unnamed quartz monzonitic intrusive rocks
- LTrJgd - LATE TRIASSIC TO EARLY JURASSIC - unnamed granodioritic intrusive rocks
- DTrHsf - DEVONIAN TO TRIASSIC - HARPER RANCH AND(?) NICOLA GROUPS mudstone, siltstone, shale fine clastic sedimentary rocks
- PnPFU - PENNSYLVANIAN TO PERMIAN - FENNELL ASSEMBLAGE - UPPER STRUCTURAL DIVISION basaltic volcanic rocks
- DPFL - DEVONIAN TO PERMIAN - FENNELL ASSEMBLAGE - LOWER STRUCTURAL DIVISION marine sedimentary and volcanic rocks
- MEBS - MISSISSIPPIAN - EAGLE BAY ASSEMBLAGE - SLATE CREEK UNIT mudstone, siltstone, shale fine clastic sedimentary rocks
- MEBvc - MISSISSIPPIAN - EAGLE BAY ASSEMBLAGE volcaniclastic rocks
- DEBS - DEVONIAN - EAGLE BAY ASSEMBLAGE - SKWAAM BAY UNIT calc-alkaline volcanic rocks
- DMEBF - DEVONIAN TO MISSISSIPPIAN - EAGLE BAY ASSEMBLAGE - FOGHORN MOUNTAIN UNIT andesitic volcanic rocks
- lCmEBJ - LOWER CAMBRIAN - EAGLE BAY ASSEMBLAGE - JOHNSON LAKE UNIT greenstone, greenschist metamorphic rocks
- HaCmEBG - HADRYNIAN TO LOWER CAMBRIAN - EAGLE BAY ASSEMBLAGE - GRAFFUNDER LAKES UNIT quartzite, quartz arenite sedimentary rock

NEWPORT EXPLORATION LTD.

Chu Chua Property

REGIONAL GEOLOGY

British Columbia, Canada

Kilometers
0 0.5 1 2 3 4

1:80,000
NAD 1983 Zone 10

APEX Geoscience Ltd. Figure 5

The Fennell Formation and Eagle Bay Assemblage are intruded by mid-Cretaceous granodiorite and quartz-monzonite of the Raft and Baldy batholiths. The package is locally overlain by Eocene Kamloops Group volcanic and sedimentary rocks and Miocene lavas. The map area is dominated by easterly directed thrust faults, which imbricate the Fennell Formation and *separate* it from the underlying Eagle Bay Assemblage. Tectonic emplacement of the Fennell Formation over the Eagle Bay Assemblage was followed by southwesterly-directed folding and associated thrust faulting. Folding and fabrics associated with this event are evident in the Eagle Bay Assemblage, but are rarely seen in the Fennell Formation.

Local Geology

The following summary of the local geology is reprinted from Heberlein (1990). Detailed discussion of individual lithological units can be found in Wild (1989).

The Chu Chua property is underlain by rocks of the Mississippian to Permian Fennell Formation (Schiarizza and Preto, 1987). Two litho-structural packages make up the Fennell Fm. These are called the upper and lower divisions. The lower division forms a north-south belt that extends from the Barriere River fault in the south to Clearwater in the north. It is composed of a complexly interbedded and thrust imbricated sequence of massive basalt, clastic metasediments (greywackes and argillites), ribbon cherts, quartz-feldspar phyric rhyolite and intraformational conglomerate. The upper division underlies most of the property area and hosts the Chu Chua deposit. It consists of pillowed to massive basalt flows, diabase sills, argillite and rare chert. These rocks can be traced from Barriere as far north as Wells Grey Park. They are responsible for the rugged cliff exposures on either side of the North Thompson River Valley between Little Fort and Clearwater.

Both divisions of the Fennell Formation are intruded by the Cretaceous Baldy Batholith, which forms a prominent easterly trending mountain range to the northeast of Barriere.

Deformation in the Fennell formation is not intense. Units have been rotated into a vertically dipping west facing homocline that is interpreted to be the western limb of a thrust-dismembered anticline (Schiarizza and Preto, 1987). There is little evidence for mesoscopic folding and penetrative fabrics are mostly absent. Late, north and east trending (Tertiary?) normal faults cause local offsets of the Upper Fennell stratigraphy. A west-dipping thrust fault is inferred to separate the upper and lower divisions of the Fennell Fm. This is based on conodont ages determined from chert beds in both divisions. The Lower Fennell sequence is also inferred to be thrust imbricated based on fossil data (Schiarizza and Preto, 1987).

Both Fennell Formation divisions are regionally metamorphosed to lower greenschist facies. Close to the contact of the Baldy Batholith (within approximately 500 m) the regional metamorphism is overprinted by a contact thermal aureole. Locally this reaches hornblende hornfels grade. Despite the metamorphism, primary textures are well preserved in both volcanic and sedimentary units.

2011 EXPLORATION

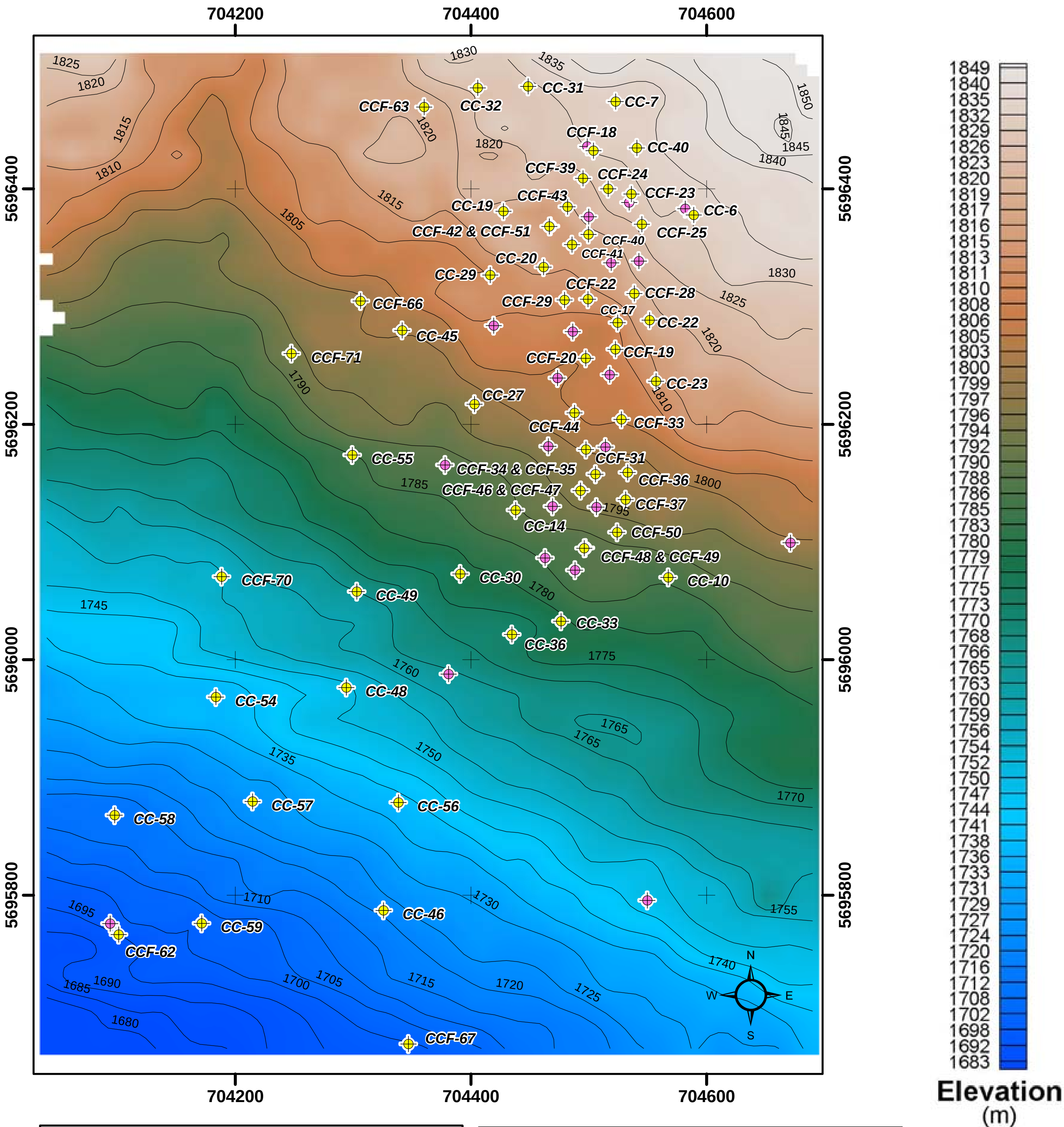
The 2011 Chu Chua Property exploration program included: the re-location and differential global positioning system (DGPS) surveying of historic diamond drill hole (DDH) collars; select re-sampling of historic diamond drill core stored at the Property; and the creation of a DGPS digital elevation model (DEM) over the Chu Chua deposit. Exploration was completed between the dates of July 6 and July 16, 2011, inclusive.

Summary results of DDH collar surveys, drill core re-sampling and creation of the DEM are presented below. A table of re-surveyed historic DDH collar locations and site descriptions is presented in Appendix 1. Copies of the original drill core re-sampling analytical certificates, and depth keyed analytical results are presented in Appendix 2 and 3. The total cost to complete the 2011 exploration at the Chu Chua Property was CDN$43,881.62 (Appendix 4).

Diamond Drill Hole Collar Surveys

DGPS surveys of historic drill collar locations at the Chu Chua deposit were completed in an effort to confirm historically reported DDH locations, and to provide modern precise data with respect to horizontal location (X-Y) and elevation (Z) of the drill holes. DDH collar surveys were completed using a pair of Trimble R8 Global Navigation Satellite System (GNSS) receivers as base and mobile (rover) units. Drill collar surveys were completed in Real Time Kinematic (RTK) survey mode, whereby the stationary base receiver broadcasts a correction signal to the mobile receiver via UHF radio connection providing horizontal accuracies of up to 1 cm and vertical accuracy of up to 2 cm.

Location of drill sites was aided by reviewing historic exploration reports and site plan maps showing drill sites in relation to access trails, clearings and creek drainages. Individual drill sites were located based on comparing historic plan maps with the current site layout. Of the 101 historic DDH locations (ranging from CC-1 to CC-59 and CCF-18 to CCF-71), 60 were re-located and surveyed (Figure 6). Details with respect to DDH number, UTM location, elevation, and a description of observed site features including the presence azimuth and dip of in place drill casing (azimuth/dip was not recorded if rods appeared to be bent or displaced), size of clearing, location with respect to access trails, etc is provided in Appendix 1. Typically DDH sites were represented by exposed casing, obvious cleared areas, and rarely by collar identification posts or marked tags.


704200
704400
704600
5696400
5696200
5696000
5695800
CCF-63
CC-32
CC-31
CC-7
CCF-18
CC-40
CCF-39
CCF-24
CCF-43
CCF-23
CC-19
CC-6
CCF-42 & CCF-51
CCF-40
CCF-25
CCF-41
CC-20
CC-29
CCF-22
CCF-28
CCF-66
CCF-29
CC-17
CC-22
CC-45
CCF-71
CCF-20
CCF-19
CC-23
CC-27
CCF-44
CCF-33
CC-55
CCF-31
CCF-34 & CCF-35
CCF-36
CCF-46 & CCF-47
CCF-37
CC-14
CCF-50
CCF-48 & CCF-49
CCF-70
CC-30
CC-10
CC-49
CC-33
CC-36
CC-54
CC-48
CC-57
CC-56
CC-58
CC-46
CC-59
CCF-62
CCF-67
N
E
S
W
Elevation
(m)

NEWPORT EXPLORATION LTD.
Chu Chua Property
2011 DIGITAL ELEVATION MODEL
South Central British Columbia, Canada
0 75 150 300
m
1:5,000
NAD1983 Zone 10
APEX Geoscience Ltd.
November, 2011

Legend
Historic Drillholes Located 2011 (Labeled)
Historic Drillholes Not Located
Elevation Contours (m)

Diamond Drill Core Re-sampling

During 2011 a total of 110 samples were taken from the historic drill core stored in racks located on the Chu Chua property. The objective of the 2011 drill core re-sampling program was to verify the presence of historically reported mineralization at the Chu Chua massive sulphide deposit. Drill core intervals to be re-sampled were chosen based on a previously completed compilation of historic diamond drill hole results (Raffle and Dufresne, 2010). Specific re-sampled intervals were selected based on the drill core currently available on site; and in an effort to replicate select historic high grade intercepts from both the north and south sulphide lenses at both near surface and relatively deep drill intersections.

Historically, a total of 101 diamond drill holes, totalling 19,706 metres (m) were completed to delineate the Chu Chua deposit between 1978 and 1991. The 110 core samples collected during 2011 were selected from high grade intercepts within historic drill holes CC-16, CC-17, CC-21, CC-26, CC-54, CC-55 and CC-57, comprising a total sampled core length of 103.7 m. Samples of quartered drill core were collected using a mechanical core splitter and samples were shipped for gold fire assay and Inductively Coupled Mass Spectrometry (ICP-MS) analysis by ALS Minerals (ALS).

Comparison of Historic vs. Re-sampled Values

A comparison of historic and current composite grades indicate that no significant variability exists between historically reported versus current re-sampling for gold and silver assays at the Chu Chua deposit (0.00 g/t Au and 0.02 g/t Ag length weighted average difference based on 103.7 m of drill core re-sampled, Table 2). It appears there is a significant difference between historically reported and current re-sampling values with respect to copper and zinc geochemical analysis. Length weighted average difference composite grades returned from current re-sampling indicate a decrease of 0.90% Cu and a decrease of 0.13% Zn in comparison to historically reported results based on 103.7 m of drill core re-sampled. The apparent difference between historically reported versus the current re-sampling with respect to base metals may be due to the inherent variability of disseminated to semi-massive, and massive sulphide mineralization within the Chu Chua deposit. In addition, in certain instances the complete interval of historic core was not available for sampling. Specifically, intervals of 45, 30 and 20 cm were missing from three separate 1 m sampled intervals within drill hole CC-21 (Appendix 3). In these cases a direct comparison between the historic and re-sampled drill core is not valid. Length weighted average differences for gold, silver, copper and zinc have been calculated for all intervals, including those with missing drill core.

Table 2: 2011 Diamond Drill Core Re-sampling Results

Drill hole	From (m)	To (m)	Int. (m)	Historic Assay				2011 APEX Re-sampling				Difference (2011-Historic)			
				Cu%	Zn%	Ag g/t	Au g/t	Cu%	Zn%	Ag g/t	Au g/t	Cu%	Zn%	Ag g/t	Au g/t
CC-16	45	50	5	1.74	0.26	6.8	0.55	1.88	0.50	8.28	0.66	0.14	0.24	1.48	0.11
CC-16	50	55	5	4.83	0.44	9.6	0.69	1.52	0.21	7.39	0.76	**-3.31**	-0.23	-2.21	0.07
CC-16	55	60	5	7.47	0.75	22.6	0.69	4.60	0.31	12.94	0.66	**-2.87**	-0.44	**-9.66**	-0.03
CC-16	60	62.6	2.6	2.25	0.69	20.5	0.41	4.99	0.63	15.59	0.67	**2.74**	-0.06	-4.91	0.26
CC-17	14.6	20	5.4	1.59	0.19	12.3	0.55	1.10	0.08	8.27	0.55	-0.49	-0.11	-4.03	0.00
CC-17	20	25	5	2.55	0.57	12.3	0.55	1.61	0.26	10.50	0.67	**-0.94**	-0.31	-1.80	0.12
CC-17	25	28.8	3.8	1.02	0.71	2.70	0	0.82	0.52	7.13	1.00	-0.20	-0.19	4.43	**1.00**
CC-17	30	35	5	0.91	0.24	1.37	0	0.89	0.24	7.50	0.83	-0.02	0.00	6.13	**0.83**
CC-17	38.3*	42.5*	4.2	14.54	0.93	9.30	1.03	6.65	0.99	25.40	0.61	**-7.90**	0.06	**16.10**	-0.42
CC-17	42.5	45	2.5	0.82	0.2	0	0	2.60	0.24	9.32	0.25	**1.78**	0.04	**9.32**	0.25
CC-21	193.5*	197*	3.5	0.78	0.09	20.6	1.03	0.84	0.07	22.73	0.56	0.06	-0.03	2.13	-0.47
CC-21	197*	202*	5	1.07	0.28	3.40	0.2	0.59	0.44	2.73	0.19	-0.48	0.16	-0.67	-0.01
CC-21	205.5	210	4.5	1.99	1.09	0	0	2.22	1.02	7.27	0.30	0.23	-0.07	7.27	0.30
CC-21	210	214.4	4.4	1.91	0.66	0	0	2.14	0.89	8.54	0.46	0.23	0.23	**8.54**	0.46
CC-26	31.5	35	3.5	2.06	0.08	4.8	0.62	1.28	0.05	3.21	0.22	**-0.78**	-0.03	-1.59	-0.40
CC-26	35	40	5	0.94	0.07	5.8	0.34	0.50	0.06	2.15	0.21	-0.44	-0.01	-3.65	-0.13
CC-26	40	46	6	0.55	0.19	3	0.55	0.21	0.11	0.64	0.03	-0.34	-0.08	-2.36	**-0.52**
CC-26	46*	50*	4	0.07	0.08	2	0.21	0.10	0.04	0.28	0.01	0.03	-0.04	-1.72	-0.20
CC-54	599.5	602.2	2.7	3.82	0.76	15.17	0.52	3.49	0.51	11.24	0.46	-0.33	-0.25	-3.93	-0.06
CC-54	610.2	612.6	2.4	0.06	0.03	3.87	0.71	0.06	0.04	0.89	0.31	0.00	0.01	-2.98	-0.40
CC-54	612.6	614	1.4	0.09	0.04	2.90	0.13	0.07	0.09	0.88	0.17	-0.02	0.05	-2.02	0.04
CC-54	652.4	656.1	3.7	0.01	0.04	1.94	3.61	0.01	0.03	0.28	0.08	0.00	-0.01	-1.66	-3.53
CC-55	395.9	397.7	1.8	2.47	0.3	10.32	0.9	1.89	0.17	7.11	0.63	**-0.58**	-0.13	-3.21	-0.27
CC-55	397.7	400	2.3	0.11	0.04	2.90	0.06	0.10	0.04	0.58	0.05	-0.01	0.00	-2.33	-0.01
CC-55	400*	405*	5	0.11	0.11	2.90	0.06	0.47	0.09	1.63	0.16	0.36	-0.02	-1.27	0.10
CC-57	460	462.5	2.5	6.72	0.05	7.47	1.17	0.79	0.04	4.92	0.98	**-5.93**	-0.01	-2.56	-0.19
CC-57	462.5*	465*	2.5	0.38	0.07	3.90	0.26	0.72	0.11	3.74	0.45	0.34	0.04	-0.16	0.19
Total (m)			**103.7**	**Length Weighted Average Difference**								**-0.90**	**-0.13**	**-0.02**	**0.00**

* Intervals were only partially available for re-sampling.

Within-Interval Grade Variability

Historic drill core was sampled at approximately 5 m intervals and locally smaller intervals where discreet zones of mineralization were encountered. During 2011, drill core was sampled at 1 m intervals in an effort to better assess the within-intercept variability of Chu Chua deposit sulphide mineralization.

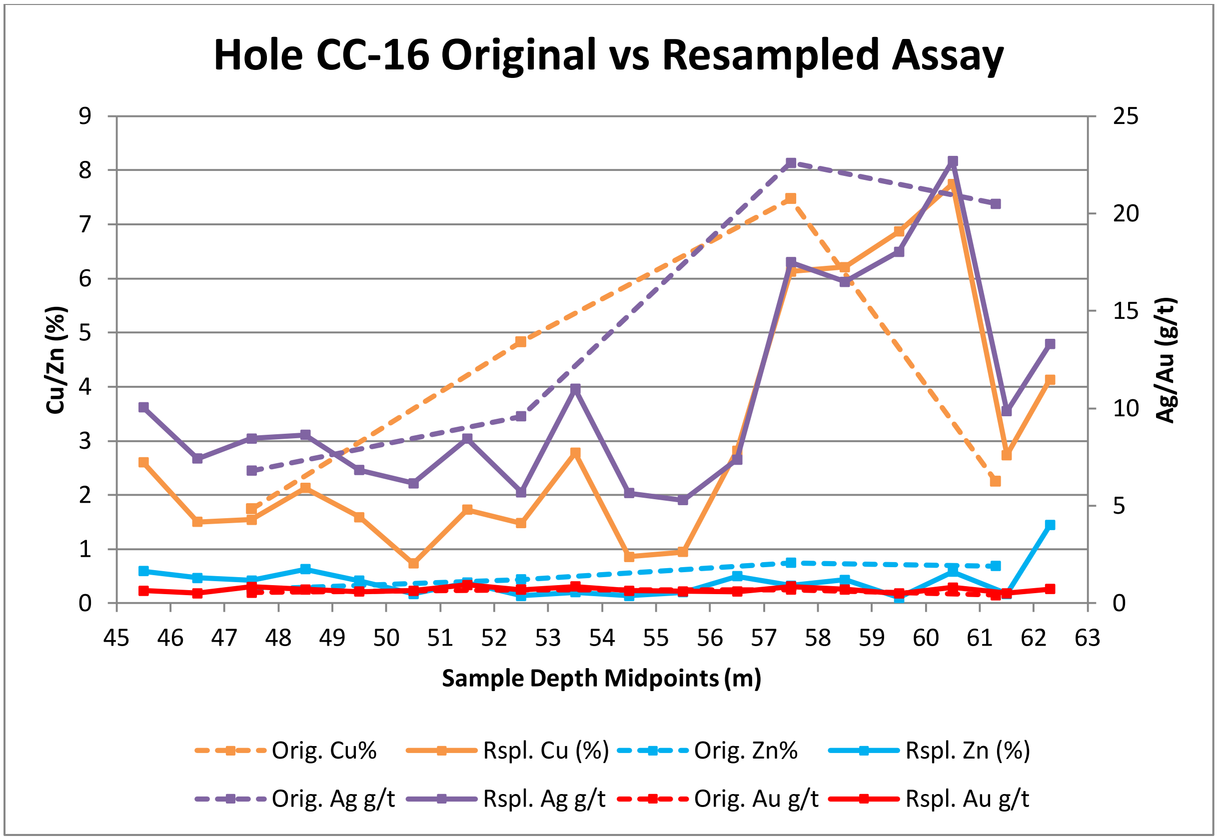
The use of smaller 1 m sample intervals reveals that most of the mineralization within the historic 5 m intervals is relatively homogeneous. However, there are instances if relatively higher within-interval variability. A comparison of variability of 1 m samples within the original historic 5 m intervals is presented in Table 3, below. The variability within each length weighted average interval is represented by the length weighted relative standard deviation of 1 m samples. The length weighted relative standard deviation is obtained by dividing standard deviation of 1 m samples within each interval by the length weighted average grade to produce the coefficient of variation (x100%). Relative standard deviation values of greater than 80% have been highlighted in Table 3. Drill holes CC-17, CC-26 and CC-25 and CC-55 exhibit relatively high within-interval variability. This suggests that the historic 5 m sample intervals do not provide adequate resolution of sulphide mineralization variability within the Chu Chua deposit. It is recommended that future drill core sample intervals be demarcated based on observed relative changes in sulphide mineralization intensity (for example: disseminated, semi-massive and massive).

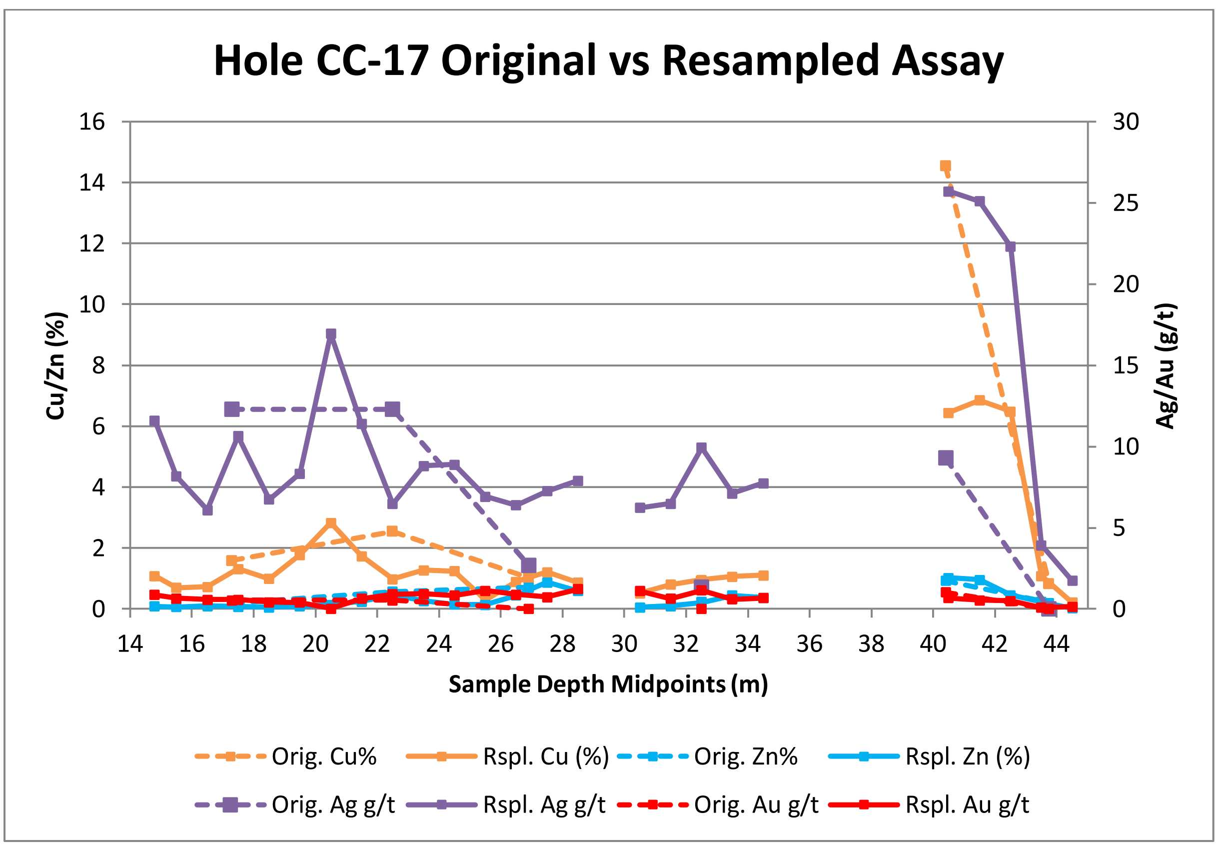
Table 3: Length Weighted Relative Standard Deviations of Re-sampled Intervals

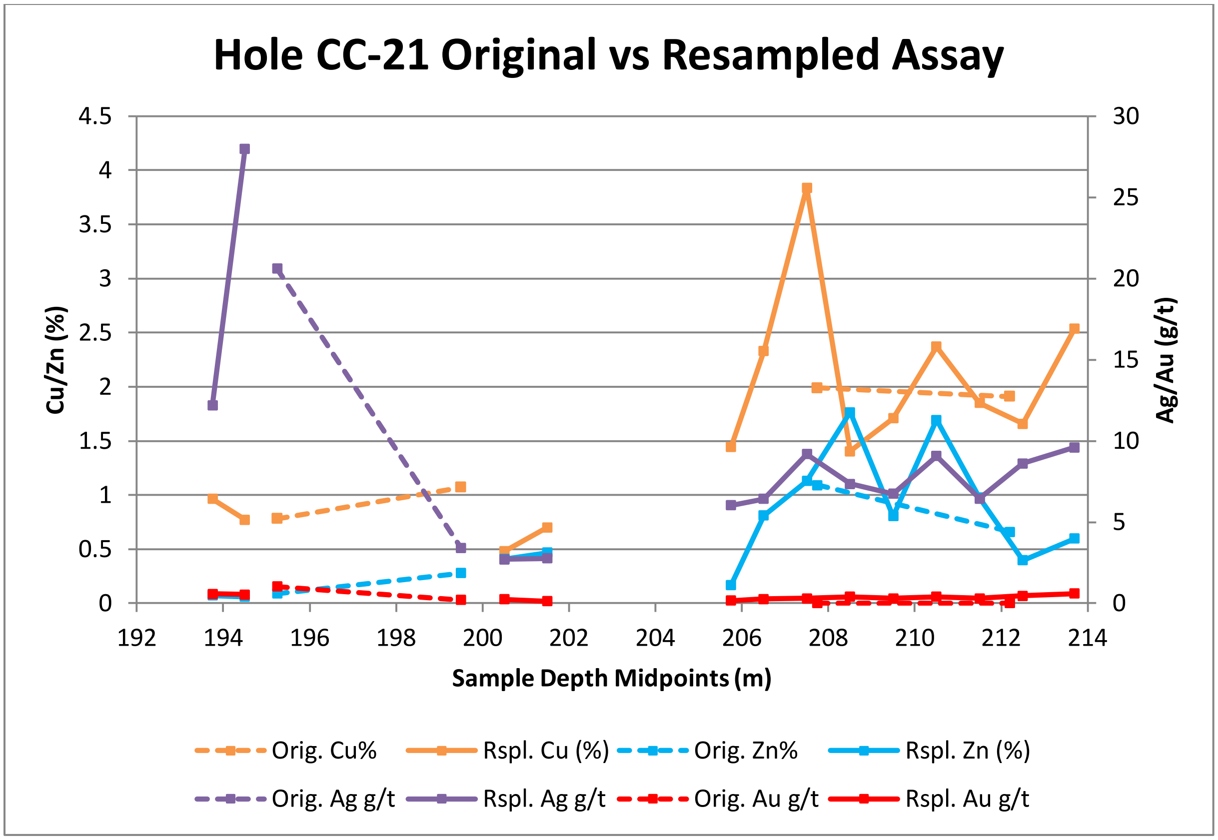
Length Weighted Relative Standard Deviation [(σ/μ)*100] (%)						
Drill hole	**From (m)**	**To (m)**	**Cu**	**Zn**	**Ag**	**Au**
CC-16	45	50	23%	17%	13%	16%
CC-16	50	55	48%	44%	28%	16%
CC-16	55	60	50%	47%	42%	18%
CC-16	60	62.6	55%	**97%**	45%	24%
CC-17	14.6	20	39%	22%	24%	27%
CC-17	20	25	41%	46%	34%	51%
CC-17	25	28.8	41%	52%	8%	19%
CC-17	30	35	24%	63%	18%	29%
CC-17	38.3	42.5	3%	3%	1%	11%
CC-17	42.5	45	**107%**	**75%**	**99%**	**73%**
CC-21	193.5	197	16%	12%	49%	5%
CC-21	197	202	19%	7%	1%	33%
CC-21	205.5	210	47%	53%	17%	26%
CC-21	210	214.4	20%	63%	16%	28%
CC-26	31.5	35	**136%**	**77%**	**105%**	**108%**
CC-26	35	40	78%	48%	50%	19%
CC-26	40	46	**155%**	**97%**	**142%**	**173%**
CC-26	46	50	59%	31%	27%	63%
CC-54	599.5	602.2	13%	26%	4%	16%
CC-54	610.2	612.6	48%	58%	14%	39%
CC-54	612.6	614	55%	34%	64%	66%
CC-54	652.4	656.1	58%	**75%**	64%	**129%**
CC-55	395.9	397.7	62%	63%	50%	**73%**
CC-55	397.7	400	36%	32%	36%	51%
CC-55	400	405	**110%**	76%	**95%**	**113%**
CC-57	460	462.5	8%	5%	7%	5%
CC-57	462.5	465	20%	**71%**	35%	37%

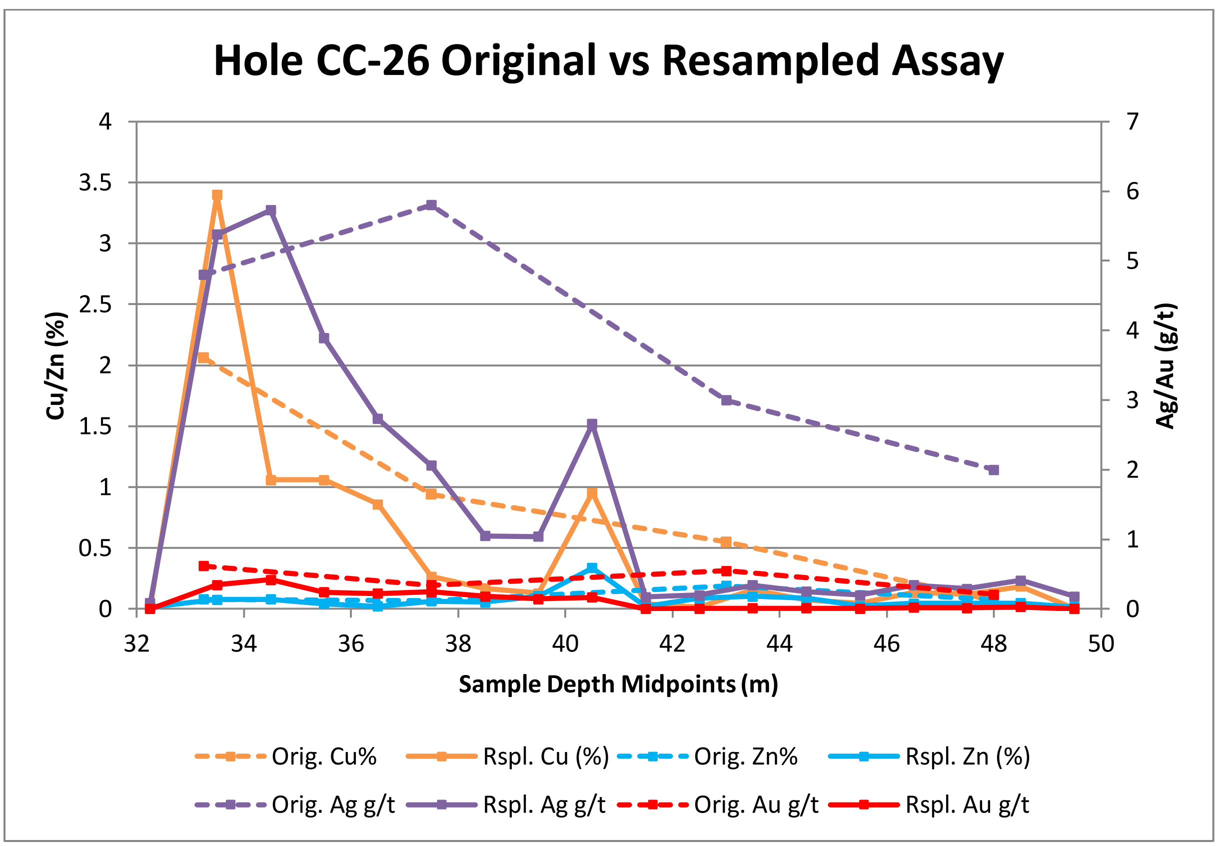
Note: %RSD values of > 100% indicate high variability.

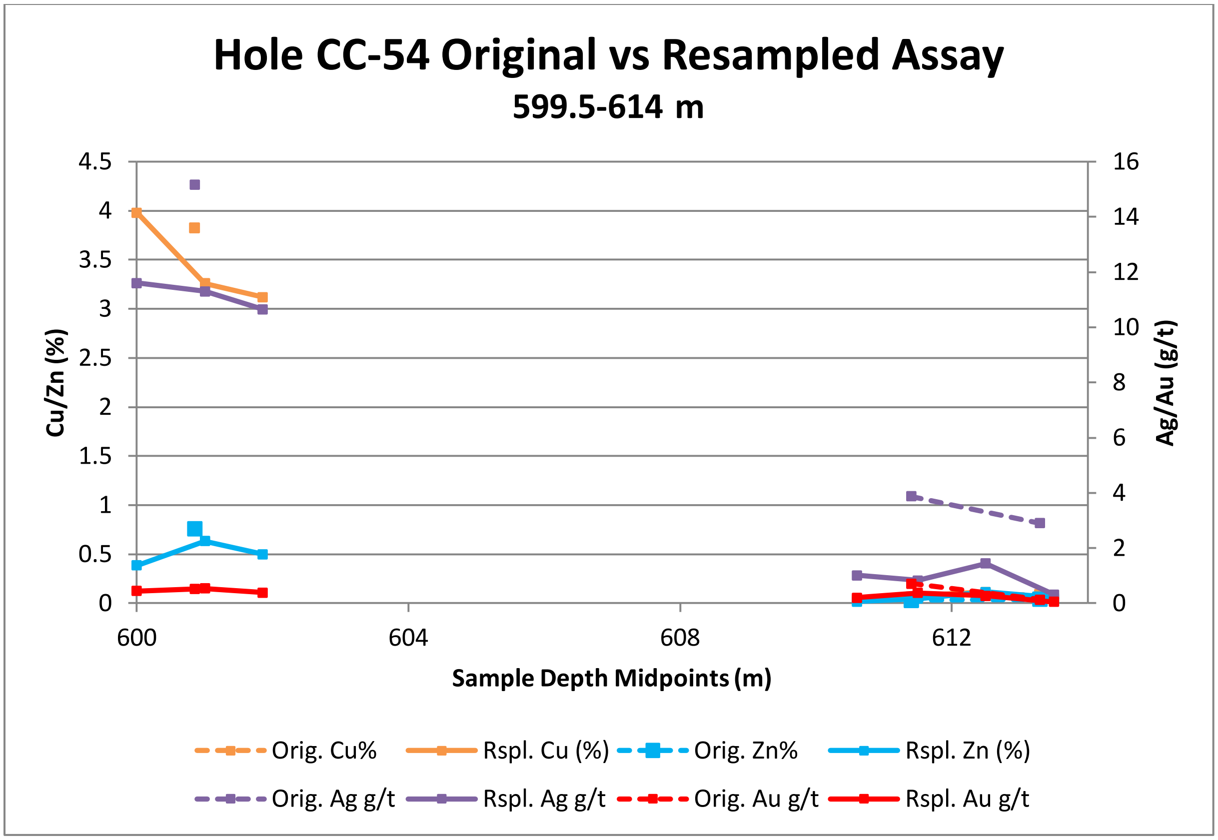
Plots of historic and 2011 re-sampling analytical results for gold, silver, copper versus depth (m) for all re-sampled drill holes (CC-16, 17, 21, 26, 54, 55, 57) are presented in Figures 7 through 14. The figures permit a direct comparison of historic versus 2011 re-sampled assay results for each drill hole,

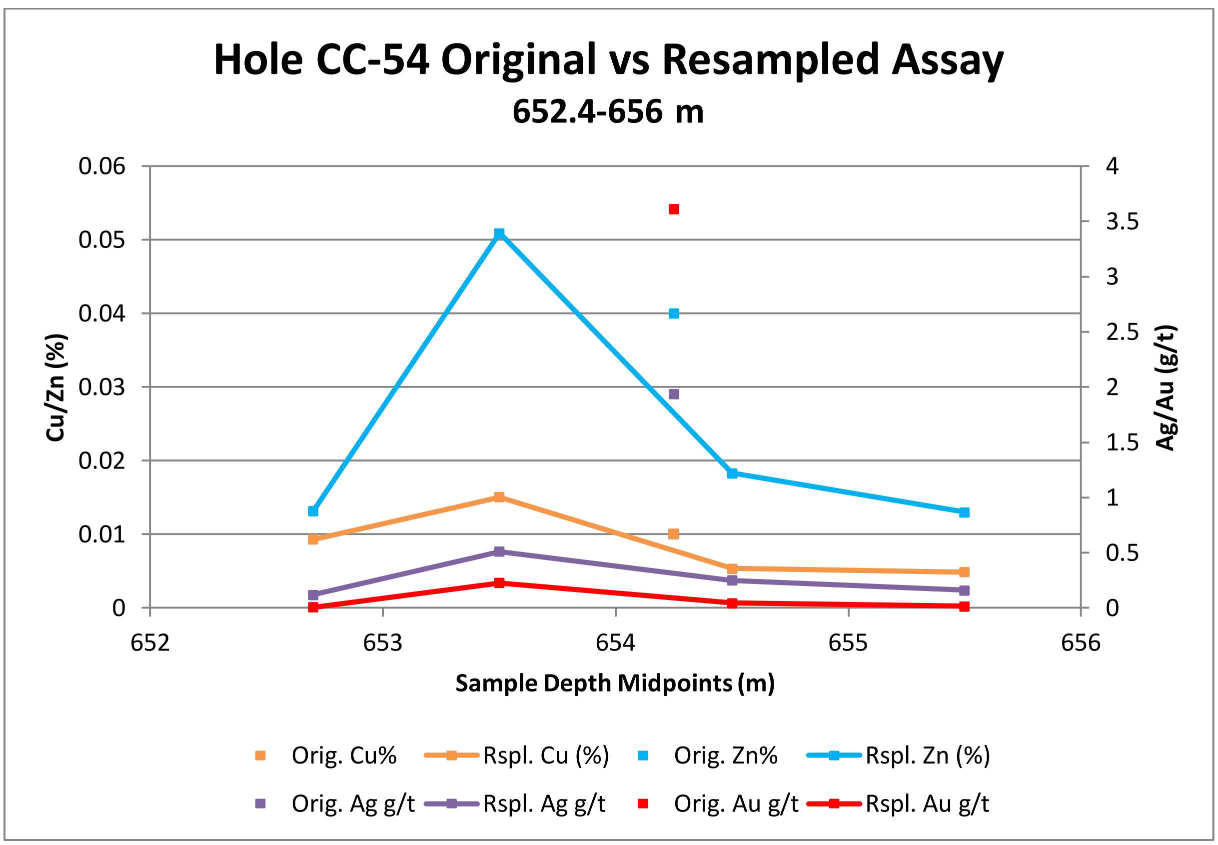

Hole CC-16 Original vs Resampled Assay
Cu/Zn (%)
Ag/Au (g/t)
Sample Depth Midpoints (m)
Orig. Cu%
Rspl. Cu (%)
Orig. Zn%
Rspl. Zn (%)
Orig. Ag g/t
Rspl. Ag g/t
Orig. Au g/t
Rspl. Au g/t

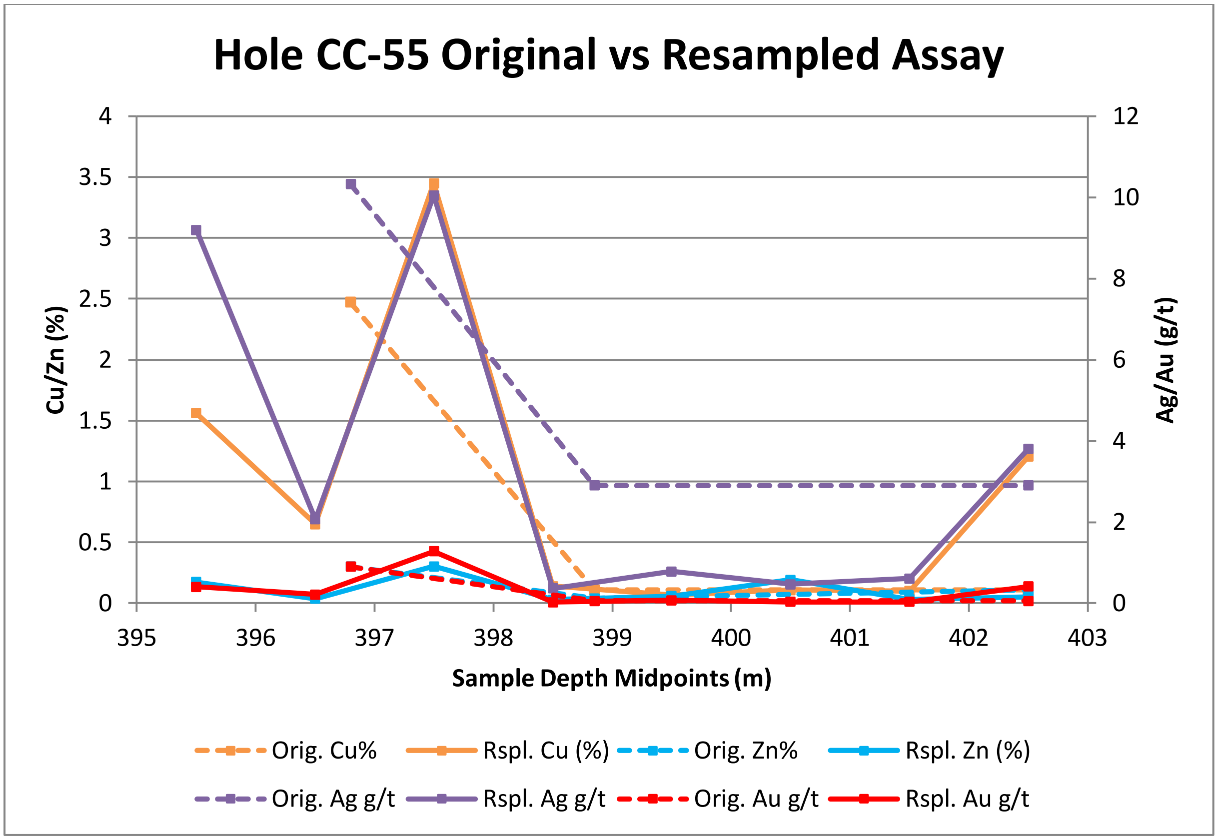

Hole CC-17 Original vs Resampled Assay
Cu/Zn (%)
Ag/Au (g/t)
Sample Depth Midpoints (m)
Orig. Cu%
Rspl. Cu (%)
Orig. Zn%
Rspl. Zn (%)
Orig. Ag g/t
Rspl. Ag g/t
Orig. Au g/t
Rspl. Au g/t


Hole CC-21 Original vs Resampled Assay
Cu/Zn (%)
Ag/Au (g/t)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
30
25
20
15
10
5
0
192
194
196
198
200
202
204
206
208
210
212
214
Sample Depth Midpoints (m)
Orig. Cu%
Rspl. Cu (%)
Orig. Zn%
Rspl. Zn (%)
Orig. Ag g/t
Rspl. Ag g/t
Orig. Au g/t
Rspl. Au g/t

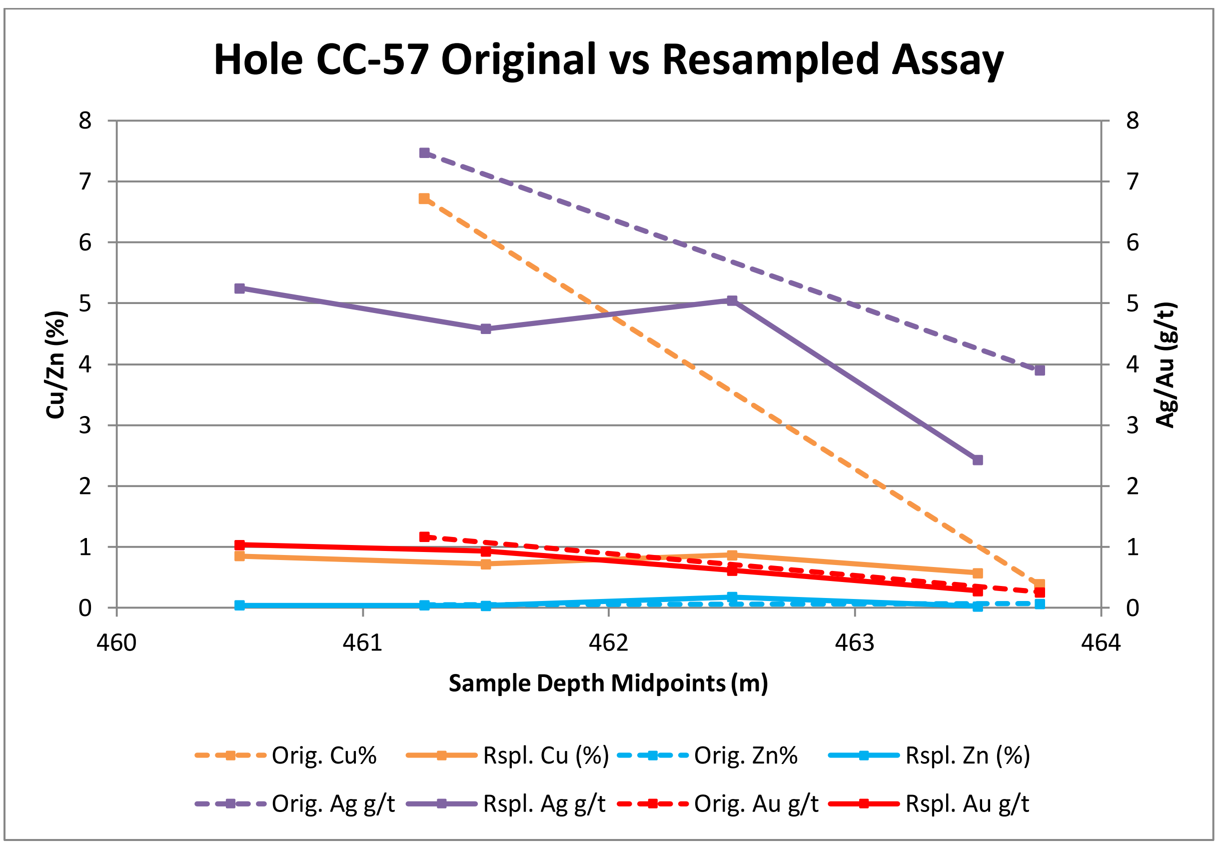

Hole CC-26 Original vs Resampled Assay
Cu/Zn (%)
Ag/Au (g/t)
4
3.5
3
2.5
2
1.5
1
0.5
0
7
6
5
4
3
2
1
0
32
34
36
38
40
42
44
46
48
50
Sample Depth Midpoints (m)
Orig. Cu%
Rspl. Cu (%)
Orig. Zn%
Rspl. Zn (%)
Orig. Ag g/t
Rspl. Ag g/t
Orig. Au g/t
Rspl. Au g/t


Hole CC-54 Original vs Resampled Assay
599.5-614 m
Cu/Zn (%)
Ag/Au (g/t)
Sample Depth Midpoints (m)
Orig. Cu%
Rspl. Cu (%)
Orig. Zn%
Rspl. Zn (%)
Orig. Ag g/t
Rspl. Ag g/t
Orig. Au g/t
Rspl. Au g/t


Hole CC-54 Original vs Resampled Assay
652.4-656 m
Cu/Zn (%)
Ag/Au (g/t)
Sample Depth Midpoints (m)
Orig. Cu%
Rspl. Cu (%)
Orig. Zn%
Rspl. Zn (%)
Orig. Ag g/t
Rspl. Ag g/t
Orig. Au g/t
Rspl. Au g/t



Hole CC-55 Original vs Resampled Assay
Cu/Zn (%)
Ag/Au (g/t)
Sample Depth Midpoints (m)
4
3.5
3
2.5
2
1.5
1
0.5
0
12
10
8
6
4
2
0
395
396
397
398
399
400
401
402
403
Orig. Cu%
Rspl. Cu (%)
Orig. Zn%
Rspl. Zn (%)
Orig. Ag g/t
Rspl. Ag g/t
Orig. Au g/t
Rspl. Au g/t



Hole CC-57 Original vs Resampled Assay
Cu/Zn (%)
Ag/Au (g/t)
Sample Depth Midpoints (m)
8
7
6
5
4
3
2
1
0
460
461
462
463
464
Orig. Cu%
Rspl. Cu (%)
Orig. Zn%
Rspl. Zn (%)
Orig. Ag g/t
Rspl. Ag g/t
Orig. Au g/t
Rspl. Au g/t

and further highlight within-interval variability (i.e. variability in the distribution of sulphide mineralization).

Individual data points were plotted at the midpoint of the respective interval. Missing data or gaps in the sampling, both from the original sampling or the 2011 re-sampling, are represented as data gaps in the charts. Drill hole CC-17 (Figure 7) in particular indicates that a relatively wide zone of moderate grade mineralization between the depths of 45-57 m is directly underlain by a narrower higher grade interval between 57-62.6m. Re-sampling indicates that discrete intervals of high grade mineralization are present within the majority of drill holes. Interestingly, increased base metal and silver values do not appear to be accompanied by a corresponding increase in gold assays within drill hole CC-17. However, higher grade base metal and silver mineralization within drill holes CC-26, 54 and 55 is associated with slight increases in gold assay values (Figures 10, 12 and 13).

Digital Elevation Model

In an effort to aid future exploration and potential mineral resource estimates at the Chu Chua deposit a Digital Elevation Model (DEM) was completed in conjunction with historic drill collar surveys. The DEM was produced over a 650 m (east-west) x 850 M (north-south), approximately 55 hectare rectangular survey grid encompassing the known surface and subsurface expression of the Chu Chua deposit. The survey was completed using a single Trimble R8 GNSS receiver operating without a base station correction signal, and providing accuracies of approximately 2 m vertically and 4 m horizontally. Survey accuracy was reduced in comparison to historic drill collar surveys when it was determined that the UHF radio connection between base and mobile receivers was unreliable due to heavy tree cover and topographic variation.

The DEM survey progressed via a series 35 east-west oriented survey lines spaced at intervals of 25 m over the Chu Chua deposit. Individual DGPS observations (data points) were collected along each line at an observation frequency of 3 Hz. The receiver was programmed to collect an observation only if position accuracies of greater than 2 m horizontally and 4 m vertically were available. Under certain circumstances, for example due to heavy tree over, accuracies of greater than 2 m horizontally and 4 m vertically were not achievable. In such cases the survey crew was instructed to stop and wait for higher position accuracies enabling an observation to be collected, or in areas of very thick tree cover to continue the survey and accept the resultant lower observation density.

The completed survey covering and area of approximately 55 ha resulted in the collection of 9,807 individual location observations, having an approximately data density of one observation every 2-3 m (east-west) and one observation every 25 m (north-south). Each observation consisted of the following data channels: UTM NAD83 Zone 10 (XY) location, elevation in metres, and number of satellites tracked, horizontal precision estimate, vertical precision estimate, and Position Dilution of Precision (PDOP) value (Table 4). PDOP position accuracy values of 1 through 5 are considered ideal to good; values of 5 through 20 are considered moderate or fair; while values of >20 are considered poor.

Table 4: Summary of DEM Observation Accuracy

Number of Observations = 9,807	Minimum (m)	Maximum (m)	Mean (m)	Standard Deviation
Horizontal Precision	0.054	2.814	1.315	0.362
Vertical Precision	0.076	4.568	2.094	0.662
PDOP	1.7	61.5	3.39	1.54
Satellites Tracking	5	10	5.57	0.77

The resultant survey data was analyzed and processed using Geosoft Oasis Montaj software. Data processing was limited to the application of a B-Spline smoothing filter to the elevation channel (0.6/1 smoothness, and 0.2/1 tension parameters). This was done due to the lower absolute accuracy of elevation data in comparison to the horizontal position accuracy. It was found that the use of a B-Spline filter reduced the “spikiness” apparent in the elevation data. This resulted in a smoother and more realistic DEM product in comparison to unfiltered data. No filtering or processing of horizontal position data was conducted. The resultant unfiltered horizontal position and smoothed elevation data was gridded via minimum curvature using a 6.25 m cell size. The resultant minimum curvature grid was re-sampled at a 1 cell size to produce the final DEM and contours polylines were extracted at 5 m intervals. The final colour-shade DEM data including 5 m contours is presented in Figure 6.

SAMPLING METHOD AND APPROACH

In July of 2011, 110 core samples were re-sampled in the field by APEX geologists from existing historic core present on the Chu Chua property. A rock splitter was on site and the core was split and bagged into plastic sample bags. Sample identifiers were written on the outside of each bag and part of the sample card with the sample number was placed in the bag with the rock sample number written on it. All sample bags were closed using zip ties. Upon completion of sampling the samples were placed in poly-woven bags and sent to ALS in North Vancouver, BC for processing. The authors have no reason to believe that the security of the samples was compromised. Although an exhaustive sampling was not conducted, the samples collected are represent select mineralized intervals based on previous historic data. All core samples collected on the property had their sample numbers recorded along with the drill hole identification depth interval (from-to) in metres. Any missing sections within the sampled intervals were recorded and are noted within Appendix 3.

There is little information available for the sampling method and approach for the historic soil, rock and core sampling. Where information is available, the historic core sampling methodology is discussed below the Data Verification section as part of the ongoing drill hole database validation.

SAMPLE PREPARATION, ANALYSES AND SECURITY

Samples at ALS are received, sorted and verified according to a Sample Submittal Form. The shipment is assigned an ALS reference number, after which a worksheet with analyses requested is generated. Excessively wet samples are first dried in drying ovens and then crushed. Large rock or core samples are typically coarse crushed using an oscillating jaw crusher to 70% passing a Tyler 9 mesh (2.0mm) screen. The sample is then split using a riffle splitter. A sample split of up to 250g is then ring-mill pulverized to better than 85% of the sample passing a Tyler 200 mesh (75 microns) screen. At the beginning of each shift and/or the start of a new group, samples are screened to ensure correct particle sizes. Crushers, rifflers and pans are cleaned with compressed air between samples. Pulverizing pots and rings are brushed, hand cleaned and air blown.

A 30 gram nominal sample weight charge is then taken and the entire plus fraction is retained. Sample decomposition is performed by fire assay fusion (FA-FUS) and the digested solution is analyzed by inductively coupled plasma atomic emission spectrometry (ICP-AES) against matrix-matched standards. Gold detection limits for FA by ICP-AES is 0.001 to 10 ppm. The default overlimit method (Assay procedure Au-AA25) for an ore grade anyalyte is by atomic absorption spectrometry (AAS) which has a detection limit of 0.05 to 100 ppm.

A prepared 0.25 gram minus fraction was sent for multi-acid ICP-AES and inductively coupled plasma mass spectrometry (ICP-MS) analysis. The ICP analysis detects 48 elements and the use of the multi-acid (HNO3-HCLO4-HF-HCL) digestion liberates more elements than the Aqua Regia partial leaching process. The four acid digestions are able to dissolve most minerals; however, although the term "*near-total*" is used, depending on the sample matrix, not all elements are quantitatively extracted. The elements are then detected by their characteristic wavelength specific light, which can then be measured by the ICP Spectrometer and the results are corrected for spectral interelement interferences.

The assay procedure ME-OG62 is the default overlimit method for ore grade analytes. The evaluation of ores and high-grade materials are optimized for accuracy and precision at high concentrations using conventional ICP-AES analysis which provides greater upper limits. The samples are similarly decomposed by the same four acid digestion and the results from the Spectrometer are equally corrected for spectral interelement interferences.

ALS Vancouver is an ISO 9001:2008 certified laboratory and is also accredited by the Standards Council of Canada (SCC) and has been found to conform to the requirements of ISO/IEC 17025:2005.

DATA VERIFICATION

The 2011 data includes the diamond drillhole survey, the points in creating the grid for the digital elevation model and the diamond drill resampling. The diamond drill re-sampling was done at 1 m intervals unless the length of the core was insufficient and the intervals had to be reduced. The resampling was done on cut core so most samples were quartered. The 1 m interval data was then combined into 5 m data groups in order to be compared with historic data. Duplicates were taken every 30 samples; standards and blanks were included every 30 samples as well so that every 10^{th} sample (10%) was a part of quality assurance and control (QA/QC).

A lab standard (reference material) was used to test the precision and accuracy of the lab assay results. The standard contained recommended values of Au, Ag, Cu, Zn, and Pb along with the 'between lab' two standard deviation values. The assay for Zn, Au and Ag were all within these upper and lower limits while one Cu and one Pb value fell outside the two standard deviation limits (Appendix 3). The assay for the blanks showed consistent results with <0.01% Cu, <0.01% Zn, <0.001% Pb, <1ppm Ag, and <0.01ppm (Appendix 3). Additionally the assay for the duplicate samples was comparable to the assay of the primary samples considering the heterogeneity of core samples.

All samples taken were processed at ALS Chemex Laboratories in which additional QA/QC measures are undertaken. As part of their in house quality QA/QC program, ALS inserts blank and standard samples in addition to repeat sample analysis. Quality control samples are inserted on each analytical run, based on the rack sizes associated with the method. Regular AAS, ICP-AES and ICP-MS methods use a rack size of 40 and are allocated 2 standards, 1 duplicate and 1 blank. Regular fire assay methods use a rack size of 84 and are allocated 2 standards, 3 duplicates, and 1 blank. The blank is inserted at the beginning, standards are inserted at random intervals, and duplicates are analyzed at the end of the batch. ALS in-house standards are tested by internal round robin exchanges and by external proficiency tests.

ALS Chemex Laboratories have received ISO/IEC 17025 accreditation from the Standards Council of Canada under CAN-P-4E (ISO/IEC 17025:2005), the General Requirements for the Competence of Testing and Calibrations Laboratories, and the PALCAN Handbook (CAN-P-1570).

ADJACENT PROPERTIES

Located 8 km southwest of the Chu Chua claim group is the CM Cyprus-type massive sulphide prospect, located on the north slopes of Chinook Mountain and currently held by JC Resources. Similar to Chu Chua, the CM is hosted in the mafic volcanic-dominated Fennell Formation with mineralization comprising variably massive pyrite, chalcopyrite and sphalerite with an associated quartz-pyrite stringer zone and hydrothermal alteration of the volcanic pile (Minfile number 092P 101).

Located a distance of 10 km and 16 km southeast of the Chu Chua Property are two showings of apparent Kuroko-type massive sulphide mineralization. The SC showing is hosted by the Fennell Formation and encircled by the Chu Chua claims package. Here gold- and silver-bearing, quartz-pyrite stockwork veins and massive pyrite are hosted by an extensively altered, quartz-feldspar porphyritic rhyolite. The SC prospect has received only intermittent work in the last thirty years and is currently held jointly by Gerald Thomas Locke and Kenneth Cecil Ellerbeck (Minfile number 092P 160). The Chip-Dixie showing has produced anomalous values of Cu, Zn and Au from altered and sulphidized quartz-feldspar porphyritic and quartz-eye tuff rocks. These host rocks are part of the Eagle Bay Assemblage, slightly older than the Fennell Formation. The claims covering Chip-Dixie are held by Gerald Thomas Locke (Minfile number 082M 218).

There is also an abundance of polymetallic and gold-quartz veins surrounding the Chu Chua area, most notably, Energite and North Star, the former being a past-producer (Minfile numbers 082M-065 and -064 respectively). Both are held by Navasota Resources Ltd. lying just 400 m east of the Chu Chua package and within 400 m of each other. The area encompassing Energite and North Star are underlain by sedimentary rocks of the Fennell Formation and Eagle Bay Assemblage. Mineralization is characterized by quartz-veins bearing galena and pyrite with lesser sphalerite and chalcopyrite. These veins range from centimetre-scale to several metres in width with variable orientations but northerly strikes and moderate easterly dips are most common. Historic production from Energite totaled 36 (metric) tonnes producing 3,732 g Ag, 1,581 kg Cu, 1,341 kg Pb and 652 kg Zn.

Less than 10 km southeast of the main Chu Chua deposit Shenul Capital Inc. (now Underground Energy Corp.) completed a drilling program recommended in the Company's qualifying technical report on the Chu Chua Property (Raffle and Dufresne, 2010). The drilling property was within claim 508587 which compromises 505.05 ha and is approximately 7km from the Chu Chua deposit. A total of 520.3 meters of BQTK core were drilled in 3 holes to test a magnetic and electromagnetic anomaly (EM1 on Figure 3) formerly found by the completion of an airborne survey. Ground magnetic and VLF-EM surveys of the EM1 grid area verified an airborne anomaly and soil geochemical sampling resulted in some modestly anomalous copper and gold values. Selected samples from this drill program contained no significantly anomalous geochemical results and the EM anomaly was interpreted to be caused by graphitic and pyritic shear zones and/or wet stratigraphic contacts (Shenul Capital Inc., 2010). EM1 and all other strong magnetic anomalies occur in the southern half of the Shenul claims and are on strike with Reva's Chu Chua deposit. They are most likely contained within the Fennel Formation rocks. The full assessment report is confidential until December 18, 2011**.**

There are another eight poly-metallic and ten gold-quartz vein showings located within a radius of approximately 30 km of the northwest corner of the Chu Chua claims.

INTERPRETATION AND CONCLUSIONS

The 2011 Chu Chua Property exploration program included: the re-location and DGPS surveying of historic diamond DDH collars; select re-sampling of historic diamond drill core stored at the Property; and the creation of a DEM over the Chu Chua deposit.

A comparison of historic and current composite grades indicate that no significant variability exists between historically reported versus current re-sampling for gold and silver assays at the Chu Chua deposit (0.00 g/t Au and 0.02 g/t Ag length weighted average difference based on 103.7 m of drill core re-sampled). Conversely, the data indicate there is a significant difference between historically reported and current re-sampling values with respect to copper and zinc geochemical analysis. Length weighted average difference composite grades returned from current re-sampling indicate a decrease of 0.90% Cu and a decrease of 0.13% Zn in comparison to historically reported results based on 103.7 m of drill core re-sampled.

The apparent difference between historically reported results versus the current re-sampling with respect to base metals may be due to the inherent variability of disseminated to semi-massive, and massive sulphide mineralization within the Chu Chua deposit, or due to the fact that in certain instances the complete interval of historic core was not available for sampling.

During 2011, drill core was sampled at 1 m intervals in an effort to better assess the within-intercept variability of Chu Chua deposit sulphide mineralization. The results of the 1 m interval drill core sampling indicate that drill holes CC-17, CC-26 and CC-25 and CC-55 exhibit relatively high within-interval variability. This suggests that the historic 5 m sample intervals do not provide adequate resolution of sulphide mineralization variability within the Chu Chua deposit. It is recommended that future drill core sample intervals be demarcated based on observed relative changes in sulphide mineralization intensity (for example: disseminated, semi-massive and massive). Examination of historic and 2011 re-sampling analytical results for gold, silver, copper versus depth for all re-sampled drill holes (CC-16, 17, 21, 26, 54, 55, 57) indicate that discrete intervals of high grade mineralization are present within the majority of drill holes. Increased base metal and silver values are not accompanied by a corresponding increase in gold assays within drill hole CC-17. However, relatively high grade base metal and silver mineralization within drill holes CC-26, 54 and 55 is associated with modestly increased gold assay values.

RECOMMENDATIONS

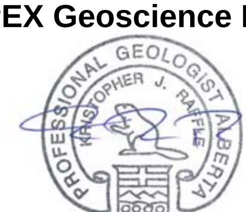
Further drilling is warranted to test the depth and lateral extent of the Chu Chua deposit particularly at the south end of the main lens. The Chu Chua deposit should be modeled in a 3D mining software to perform a modern and 43-101 compliant resource calculation and to assess opportunities to expand deposit along strike and in the area between 200 and 600 m below surface where little drilling has been conducted. Any new deeper drilling should include downhole electromagnetic surveys measuring conductivity, which can directly assist in extending the current known extent of the Chu Chua massive sulphide lenses and in targeting new separate zones. In addition, systematic downhole multi trace element and whole rock geochemical work should be conducted on any new core in order to identify and better map out the existing volcanic stratigraphy associated with the Chu Chua massive sulphide lenses.

Further exploration at the Chu Chua Deposit should be staged with the Stage 1a work to consist of geological modeling and interpretation of the existing massive sulphide lenses in an acceptable 3D modeling software leading to a modern 43-101 compliant resource calculation. Stage 1b should consist of a confirmatory drilling program to test the main zone and north zone in order to aid in the validation of the historic drilling and to convert some of the resource into an indicated category as well as provide samples for metallurgical work. A total of 1,200 m in 6 holes is recommended (Table 5). The estimated cost for the Stage 1b confirmatory drilling program is $300,000 not including GST (Table 5). Depending upon the results of the Stage 1a and 1b work, Stage 2 should consist of a drilling program to test the lateral and depth extent of known sulphide mineralization, in particular at the south end of the main zone and below the main zone. A total of 2,400 m in about 6 holes is recommended, however the exact details of the recommended program will depend upon the results of the data compilation, re-interpretation of geology, resource calculations and confirmatory drilling results (Table 5). The estimated cost for the Stage 2 drilling program is $720,000 not including GST (Table 5).

Table 5: 2011 Budget for Recommended Exploration

Stage 1a Budget Summary – 2011		
Data Validation	Completion of data Validation and drillhole database along with new geological interpretation in Micromine	$10,000
Resource Calculation	Modeling and resource calculation	$15,000
	Stage 1a Estimated Cost (not including GST)	**$25,000**
Stage 1b Budget Summary – 2011		
Confirmation Drilling	Drilling the known sulphide lenses in order to confirm prior results and to provide samples for metallurgical work	
	Estimated cost 6 holes for 1,200 m @ $250 per meter	$300,000
	Stage 1b Estimated Cost (not including GST)	**$300,000**
	TOTAL COST STAGE 1 (not including GST)	**$325,000**
Stage 2 Budget Summary – Dependent Upon Results of Stage 1a & b		
Exploration Drilling	Drilling at the south end of the deposit and to depth between 200 m and 600 m. Downhole EM to be performed.	
	Estimated cost 6 holes for 2,400 m @ $300 per meter to include downhole EM	$720,000
	Stage 2 Estimated Cost (not including GST)	**$720,000**
	TOTAL COST STAGES 1 AND 2 (not including GST)	**$1,045,000**

APEX Geoscience Ltd.



Kris Raffle, B.Sc., P.Geo.
November 28, 2011
Edmonton, Alberta, Canada

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CERTIFICATE OF AUTHOR

1. I, Kristopher J. Raffle, residing at 1155 Seymour Street, Vancouver British Columbia, Canada do hereby certify that: I am a senior geologist at APEX Geoscience Ltd. (“APEX”), 200, 9797 – 45 Avenue, Edmonton, Alberta, Canada.

2. I am the author of this Assessment Report entitled: **“Assessment Report for the Chu Chua Property Barriere, British Columbia, Canada”**, and dated November 28, 2011 (the “Assessment Report”).

3. I am a graduate of The University of British Columbia, Vancouver, British Columbia with a B.Sc. in Geology (2000) and have practiced my profession continuously since 2000. I have supervised exploration programs specific to gold and base metals. I have completed National Instrument 43-101 reports for projects in British Columbia and Ontario. I am a Professional Geologist registered with APEGGA (Association of Professional Engineers, Geologists and Geophysicists), and APEGBC (Association of Professional Engineers and Geoscientists of British Columbia) and I am a ‘Qualified Person’ in relation to the subject matter of this Assessment Report.

4. I visited the Property that is the subject of this Report over a 3 day period during November, 2008. I have had no prior involvement with the property.

5. I am responsible for all sections of the Assesment Report titled **“Assessment Report for the Chu Chua Property Barriere, British Columbia, Canada”**, and dated November, 28 2011 (the “Assessment Report”).

6. I am independent of the issuer applying all of the tests in section 1.4 of National Instrument 43-101. I have not received, nor do I expect to receive, any interest, directly or indirectly, in Reva Resources Corp. or Newport Exploration Ltd. I am not aware of any other information or circumstance that could interfere with my judgment regarding the preparation of the Assessment Report.

8. To the best of my knowledge, information and belief, the Assessment Report contains all scientific and technical information that is required to be disclosed to make the Assessment Report not misleading.

9. I consent to the filing of the Assessment Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication in the public company files on their websites accessible by the public, of the Assessment Report.

Dated this November 28, 2011
Edmonton, Alberta, Canada

PROFESSIONAL GEOLOGIST KRISTOPHER J. RAFFLE ALBERTA

Kristopher J. Raffle, B.Sc., P.Geol

APPENDIX 1

2011 DRILLHOLE LOCATION SURVEY

Chu Chua Project 2011 Drillhole Survey

Hole_ID	Easting_N83z10	Northing_N83z10	Elevation	az	dip	Description
CC-6	704589.09	5696377.78	1829.68			Clearing 10x10m
CC-7	704522.79	5696474.08	1832.29			Found tag, drill collar possibly in middle of the trail.
CC-10	704567.48	5696069.97	1784.92			Reading from clearing 10x10m, Drill pads
CC-14	704437.78	5696127.21	1788.82			Reading from clearing 10x10m, Broken Rods/pipes
CC-17	704524.48	5696286.38	1808.66	110	45	Exposed rod, west of the trail, az reading off due to magnetic rocks around?
CC-19	704427.52	5696380.85	1817.38	80	50	Exposed rod
CC-20	704461.49	5696333.40	1815.97	88	45	Exposed rod
CC-22	704551.54	5696288.41	1817.57	90	45	Exposed rod
CC-23	704557.08	5696236.58	1814.18	87	45	Exposed rod
CC-27	704402.94	5696217.02	1797.29			Found casing and core barrel fallen on ground, displaced, reading center of clearing near the rods
CC-29	704416.26	5696326.79	1809.83	80	50	Exposed rod
CC-30	704390.98	5696072.89	1777.36			Reading from clearing 10x10m, Drill pads and rods
CC-31	704448.38	5696486.91	1826.98			10x10m clearing east of the road, drilling padding
CC-32	704405.65	5696485.65	1825.01	90	45	exposed rod
CC-33	704476.34	5696032.68	1777.90			Reading from clearing 10x10m, Drill pads and rods
CC-36	704434.62	5696021.44	1771.93			Reading from clearing 10x10m, Drill pads
CC-40	704540.71	5696434.69	1831.06	92	50	Exposed rod with tag
CC-45	704341.56	5696279.78	1801.20	78	55	Exposed rod
CC-46	704325.79	5695787.26	1719.59			Exposed Rod is loose, lower side of the road, small clearing: az 70, dip 45
CC-48	704294.18	5695976.46	1748.57			Exposed Rod, but possibly tilted - apparent az: 68, dip 52
CC-49	704303.00	5696057.81	1763.37	90	52	Exposed rod
CC-54	704183.50	5695968.26	1738.20			Reading from clearing 10x10m
CC-55	704299.28	5696173.83	1784.25	82	65	Exposed rod
CC-56	704338.34	5695878.75	1736.41	87	54	Exposed rod
CC-57	704214.48	5695879.57	1727.32	84	52	Exposed rod
CC-58	704097.48	5695868.13	1711.01			Found casing and core barrel fallen on ground, displaced, reading center of clearing near the rods
CC-59	704171.48	5695776.12	1699.94	88	52	Exposed rod, side of the road, small clearing
CCF-18	704503.96	5696432.31	1830.70			10x10m clearing, broken rod
CCF-19	704522.50	5696263.74	1809.44	124	45	Exposed rod
CCF-20	704497.44	5696256.05	1805.06	62	45	Exposed rod
CCF-22	704499.17	5696306.28	1813.91	66	50	Exposed rod
CCF-23	704536.15	5696395.60	1828.24	80	45	Exposed rod
CCF-24	704516.47	5696399.89	1826.25	80	40	Exposed rod
CCF-25	704545.08	5696369.98	1826.47	90	45	Exposed rod

Chu Chua Project 2011 Drillhole Survey

Hole_ID	Easting_N83z10	Northing_N83z10	Elevation	az	dip	Description
CCF-28	704538.62	5696311.14	1819.23	95	45	Exposed rod
CCF-29	704479.42	5696305.49	1810.74	74	42	Exposed rod
CCF-31	704497.64	5696178.65	1800.41	82	55	Exposed rod
CCF-33	704527.60	5696204.18	1805.13	80	45	Exposed rod
CCF-34	704505.73	5696157.69	1797.77			CCF-34&35: Found one rod only, bent. Az: 160 Dip 55
CCF-35	704505.71	5696157.63	1797.77			CCF-34&35: Found one rod only, bent. Az: 160 Dip 55
CCF-36	704532.96	5696159.01	1798.99	84	45	Exposed rod, just to the west of the creek
CCF-37	704531.32	5696136.05	1795.93	74	48	Exposed rod, just to the west of the creek
CCF-39	704495.09	5696408.76	1823.02	80	45	Exposed rod
CCF-40	704499.62	5696361.25	1818.96	76	45	Exposed rod, west of trail, sw of 2 trail junction
CCF-41	704485.73	5696352.66	1814.40	80	45	Exposed rod, barely exposed
CCF-42	704467.54	5696368.25	1815.15	80	45	CCF-42&CCF-51: 2 Rocks exposed along a 50cm strike
CCF-43	704482.01	5696384.68	1818.67	75	40	Exposed rod, north of trail 10x10m clearing
CCF-44	704487.84	5696209.77	1803.64	82	54	Exposed rod
CCF-46	704493.18	5696143.84	1795.04	72	45	CCF-46&47: 3 Exposed rods within 50cm strike length, perhaps one was abandoned
CCF-47	704492.94	5696143.72	1795.07	72	55	CCF-46&47: 3 Exposed rods within 50cm strike length, perhaps one was abandoned
CCF-48	704497.19	5696094.95	1788.41	87	45	CCF-48&49:2 Exposed Rod Beside eachother
CCF-49	704496.17	5696094.74	1788.21	87	60	CCF-48&49:2 Exposed Rod Beside eachother
CCF-50	704524.13	5696108.35	1791.88	78	45	Exposed rod, west of the creek
CCF-51	704466.54	5696367.98	1815.01	80	55	CCF-42&CCF-51: 2 Rocks exposed along a 50cm strike
CCF-62	704100.98	5695766.61	1692.83	85	50	Exposed Rod
CCF-63	704360.17	5696469.37	1829.54	70	55	Poor sattelite, exposed rod
CCF-66	704306.31	5696304.63	1799.49	75	68	Exposed rod
CCF-67	704346.78	5695673.81	1700.12	86	56	Exposed rod
CCF-70	704188.30	5696070.59	1754.99	83	62	Exposed rod
CCF-71	704247.66	5696259.96	1791.98	85	65	Exposed rod

APPENDIX 2

2011 CORE SAMPLES ASSAY CERTIFICATE

ALS Minerals

ALS Canada Ltd.

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

To: APEX GEOSCIENCE LTD.
200- 9797 45 AVE
EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
Account: TTB

CERTIFICATE VA11136283

Project: 99119

P.O. No.:

This report is for 122 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 18- JUL- 2011.

The following have access to data associated with this certificate:

APEX GEOSCIENCE LTD. KRIS RAFFLE	ANDER ALOISIO	MIKE DUFRESNE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
LOG- 24	Pulp Login - Rcd w/o Barcode
WEI- 21	Received Sample Weight

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Cu- OG62	Ore Grade Cu - Four Acid	VARIABLE
Zn- OG62	Ore Grade Zn - Four Acid	VARIABLE

To: APEX GEOSCIENCE LTD.
ATTN: ANDER ALOISIO
200- 9797 45 AVE
EDMONTON AB T6E 5V8

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.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

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Finalized Date: 24- AUG- 2011
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Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Sample Description / Method	Au- ICP21	WEI- 21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
Analyte	Au	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	ppm	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.001	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
J296350	0.641	0.76	10.05	0.17	178.5	10	<0.05	10.70	2.23	14.35	0.41	235	4	2.04	>10000
J296351	0.524	1.00	7.43	0.21	276	10	<0.05	13.90	0.42	10.65	0.41	339	22	1.42	>10000
J296352	0.842	0.82	8.46	0.07	411	10	<0.05	23.2	0.03	12.35	0.42	397	10	0.07	>10000
J296353	0.716	1.10	8.64	0.11	344	60	<0.05	17.90	0.08	17.15	0.51	384	25	0.06	>10000
J296354	0.599	1.02	6.83	0.16	321	240	<0.05	15.65	0.03	11.30	0.23	322	10	0.09	>10000
J296355	0.647	1.04	6.16	0.02	297	50	<0.05	16.85	0.03	5.32	0.16	315	1	<0.05	7360
J296356	0.947	1.14	8.44	0.03	534	80	<0.05	26.1	0.03	12.30	0.12	188.0	4	0.06	>10000
J296357	0.700	0.96	5.71	0.02	443	50	<0.05	18.25	0.03	3.73	0.08	123.0	2	<0.05	>10000
J296358	0.859	0.92	11.00	1.01	316	310	0.08	16.85	0.98	9.15	0.67	178.5	29	0.07	>10000
J296359	0.646	0.98	5.65	0.06	519	50	<0.05	27.5	0.07	3.39	0.14	326	<1	0.05	8620
J296360	0.325	0.10	50.5	7.18	95.7	580	0.93	1.30	0.78	19.15	30.7	16.0	37	4.78	4110
J296361	0.621	0.74	5.30	0.06	408	30	<0.05	36.2	0.24	4.28	0.90	149.0	<1	0.14	9500
J296362	0.606	0.98	7.37	0.08	332	90	<0.05	23.2	0.92	7.91	1.90	332	3	0.08	>10000
J296363	0.854	1.04	17.50	0.05	530	100	<0.05	46.6	0.53	7.39	2.13	529	1	0.29	>10000
J296364	0.712	1.28	16.50	0.06	423	150	0.07	58.8	0.29	9.67	1.71	479	<1	0.27	>10000
J296365	0.495	1.08	18.05	0.07	438	260	<0.05	37.5	0.10	2.56	2.98	831	<1	0.68	>10000
J296366	0.806	0.46	22.7	0.09	481	300	<0.05	43.7	0.11	8.95	1.05	1075	5	0.08	>10000
J296367	0.510	1.12	9.86	0.94	322	480	0.19	22.7	0.12	3.42	5.78	576	15	0.24	>10000
J296368	0.731	0.30	13.30	0.10	525	70	<0.05	69.7	0.04	26.4	1.95	358	9	0.05	>10000
J296369	0.873	0.26	11.60	0.01	399	70	<0.05	19.00	0.01	5.60	0.07	88.2	13	<0.05	>10000
J296370	0.008	0.10	0.77	5.12	3.4	490	0.65	0.08	1.80	0.31	20.4	8.5	36	0.65	37.8
J296371	0.664	0.64	8.17	0.02	508	150	<0.05	21.4	0.01	2.20	0.10	271	<1	<0.05	7020
J296372	0.582	1.02	6.09	0.01	548	230	<0.05	24.9	0.01	3.40	0.02	382	<1	<0.05	7290
J296373	0.578	0.96	10.65	0.01	484	280	<0.05	30.8	0.01	1.79	0.12	495	<1	<0.05	>10000
J296374	0.423	0.86	6.75	0.01	335	260	<0.05	25.2	0.01	0.95	0.80	535	1	<0.05	9890
J296375	0.398	0.58	8.34	0.19	341	600	<0.05	23.4	0.07	1.35	6.77	543	1	0.08	>10000
J296376	0.023	0.90	16.95	0.01	409	220	<0.05	35.9	0.07	1.68	3.61	446	<1	<0.05	>10000
J296377	0.630	0.90	11.40	0.01	387	230	<0.05	44.4	0.05	4.27	3.76	512	2	<0.05	>10000
J296378	0.909	1.24	6.46	0.01	747	280	<0.05	44.7	0.06	16.30	1.67	425	1	<0.05	9790
J296379	0.942	0.80	8.82	0.01	498	190	<0.05	49.9	0.08	10.50	1.52	376	3	<0.05	>10000
J296380	0.837	0.62	8.89	0.01	361	290	<0.05	44.5	0.05	6.40	0.98	382	3	<0.05	>10000
J296381	1.130	0.52	6.93	0.10	309	160	<0.05	33.6	0.13	3.98	0.62	67.0	3	<0.05	2910
J296382	0.904	0.52	6.40	0.12	363	130	<0.05	31.3	0.09	6.92	0.62	66.7	4	0.06	8950
J296383	0.733	0.88	7.26	0.03	301	80	<0.05	28.8	0.10	15.50	0.14	37.8	7	0.05	>10000
J296384	1.230	0.54	7.91	0.02	600	80	<0.05	48.3	0.48	11.70	0.78	22.2	<1	0.05	8660
J296386	1.110	0.86	6.24	0.01	605	90	<0.05	21.7	0.04	0.72	0.33	133.0	2	<0.05	5240
J296387	0.634	0.98	6.48	0.04	682	170	<0.05	32.8	0.05	1.81	0.75	287	3	0.08	8020
J296388	1.150	0.88	9.94	0.05	499	230	<0.05	40.0	0.02	4.14	1.00	77.0	4	0.08	>10000
J296389	0.599	1.14	7.11	0.09	523	220	<0.05	37.0	0.07	9.57	0.82	211	5	0.08	>10000
J296390	0.335	0.10	53.0	7.46	99.2	600	1.05	1.37	0.82	21.4	31.2	17.2	37	5.82	4430

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

ALS Minerals

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To: APEX GEOSCIENCE LTD.
200- 9797 45 AVE
EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
Account: TTB

Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
J296350		22.8	38.4	0.81	<0.1	3.09	0.04	<0.5	0.4	1.58	138	65.6	0.01	0.3	10.1	160
J296351		31.3	45.7	0.86	<0.1	3.84	0.03	<0.5	0.4	0.50	40	48.7	<0.01	0.4	23.9	140
J296352		35.8	35.0	1.06	<0.1	3.44	0.01	<0.5	0.3	0.08	5	42.1	<0.01	0.5	26.9	20
J296353		33.6	62.1	0.99	<0.1	5.25	<0.01	<0.5	0.5	0.10	<5	59.7	<0.01	0.5	20.0	270
J296354		33.8	27.5	0.94	<0.1	2.70	0.02	<0.5	0.3	0.05	5	52.1	<0.01	0.6	11.8	30
J296355		38.0	14.40	1.16	<0.1	1.820	<0.01	<0.5	0.2	0.02	<5	81.0	<0.01	0.5	8.0	10
J296356		36.1	20.0	1.01	<0.1	4.08	<0.01	<0.5	0.2	0.03	<5	34.2	<0.01	0.5	9.5	<10
J296357		36.6	9.54	1.00	<0.1	1.775	<0.01	<0.5	<0.2	0.02	<5	31.7	<0.01	0.6	6.9	<10
J296358		32.9	16.55	0.61	0.3	2.24	0.02	<0.5	1.5	0.46	166	38.7	0.22	0.8	21.5	90
J296359		40.6	16.45	0.84	<0.1	1.445	<0.01	<0.5	0.3	0.03	<5	74.0	<0.01	0.5	16.6	<10
J296360		4.94	16.85	0.14	0.8	6.32	4.42	17.4	11.0	0.82	512	166.5	1.27	4.7	23.6	970
J296361		38.8	28.5	1.01	<0.1	1.005	0.02	<0.5	0.2	0.12	36	51.3	<0.01	0.6	18.3	<10
J296362		36.3	59.3	1.43	<0.1	3.87	0.01	0.7	0.3	0.37	61	49.8	<0.01	0.6	37.4	10
J296363		39.4	51.7	2.14	<0.1	4.67	0.01	0.9	0.3	0.27	77	45.4	<0.01	0.6	36.2	20
J296364		35.7	66.8	2.22	<0.1	4.84	0.01	0.7	0.3	0.55	102	32.3	<0.01	0.5	32.4	20
J296365		36.4	54.2	3.41	<0.1	3.82	0.02	1.3	0.3	0.99	53	303	<0.01	0.6	50.6	10
J296366		36.9	46.4	4.64	<0.1	2.85	<0.01	0.5	0.4	0.38	50	63.7	<0.01	0.7	36.5	<10
J296367		30.1	16.75	3.03	0.4	1.465	0.35	1.9	2.0	0.51	164	34.0	0.01	1.2	30.5	120
J296368		35.5	33.0	2.19	<0.1	6.89	0.01	1.3	0.8	0.79	128	23.6	<0.01	0.5	64.0	<10
J296369		35.5	6.31	1.65	<0.1	1.720	<0.01	<0.5	<0.2	0.01	<5	83.5	<0.01	0.6	10.6	<10
J296370		2.44	9.65	0.06	1.5	0.037	0.79	10.1	11.2	0.71	442	2.74	1.97	3.5	18.4	500
J296371		41.6	3.29	1.68	<0.1	0.504	0.01	<0.5	<0.2	0.01	<5	20.7	<0.01	0.6	16.9	<10
J296372		41.5	2.72	1.98	<0.1	0.647	<0.01	<0.5	<0.2	0.01	<5	26.0	<0.01	0.6	32.7	<10
J296373		41.6	3.15	2.19	<0.1	0.525	<0.01	<0.5	0.2	<0.01	<5	66.4	<0.01	0.7	40.0	<10
J296374		41.2	2.36	1.86	<0.1	0.298	<0.01	<0.5	<0.2	<0.01	<5	48.3	<0.01	0.6	38.9	<10
J296375		37.5	4.08	1.60	0.1	0.508	0.06	2.7	0.6	0.05	9	38.0	<0.01	0.7	59.0	10
J296376		39.6	5.12	1.44	<0.1	0.554	<0.01	1.7	0.2	0.01	<5	22.0	<0.01	0.7	50.7	<10
J296377		41.5	5.70	1.80	<0.1	0.729	0.01	1.8	0.2	0.01	<5	21.5	<0.01	0.7	41.0	<10
J296378		40.1	3.49	1.71	<0.1	2.87	<0.01	0.8	<0.2	<0.01	<5	14.00	<0.01	0.6	24.3	<10
J296379		41.4	4.23	1.67	<0.1	3.51	<0.01	0.7	<0.2	<0.01	<5	15.65	<0.01	0.7	21.5	<10
J296380		41.6	3.85	1.66	<0.1	1.180	0.01	0.5	<0.2	<0.01	<5	36.0	<0.01	0.7	13.9	<10
J296381		39.7	2.22	0.79	<0.1	0.555	<0.01	<0.5	0.2	0.04	12	9.99	0.01	0.6	7.6	<10
J296382		39.7	10.15	1.03	<0.1	1.390	0.01	<0.5	0.3	0.07	37	15.20	0.04	0.6	8.8	<10
J296383		39.8	10.00	1.39	<0.1	1.940	<0.01	<0.5	0.2	0.05	25	12.45	<0.01	0.6	5.6	<10
J296384		40.3	6.89	0.97	<0.1	1.540	0.01	<0.5	<0.2	0.13	107	9.44	<0.01	0.6	4.5	<10
J296386		42.5	2.62	1.01	<0.1	0.394	<0.01	<0.5	<0.2	0.01	<5	12.75	<0.01	0.5	7.4	<10
J296387		>50	3.71	1.29	<0.1	0.773	0.02	<0.5	0.4	0.01	<5	13.70	0.01	0.7	6.4	<10
J296388		45.0	18.20	1.07	<0.1	1.615	0.01	0.5	0.3	0.04	31	16.00	<0.01	0.7	9.3	<10
J296389		47.6	17.40	2.18	<0.1	3.03	0.02	<0.5	0.5	0.05	23	24.6	0.01	0.8	9.1	<10
J296390		5.32	17.10	0.15	0.9	7.35	4.66	16.4	14.4	0.89	538	190.5	1.37	4.8	28.9	1020

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

ALS Minerals

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To: APEX GEOSCIENCE LTD.
200- 9797 45 AVE
EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
Account: TTB

Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Sample Description	Method / Analyte / Units / LOR	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
J296350		191.0	2.7	0.179	>10.0	14.70	0.2	129	5.5	18.0	<0.05	4.88	<0.2	<0.005	1.10	0.4
J296351		251	1.8	0.145	>10.0	14.60	0.3	140	6.8	15.1	<0.05	6.10	<0.2	<0.005	1.38	0.6
J296352		217	0.3	0.085	>10.0	25.0	0.1	162	13.3	17.2	<0.05	8.88	<0.2	<0.005	1.69	0.7
J296353		214	0.2	0.124	>10.0	21.1	0.2	159	10.0	18.0	<0.05	8.03	<0.2	<0.005	1.45	1.3
J296354		195.0	1.2	0.157	>10.0	16.85	0.3	143	7.2	15.8	<0.05	6.81	<0.2	0.006	1.03	0.6
J296355		183.5	0.1	0.319	>10.0	20.1	0.1	170	9.0	16.6	<0.05	8.19	<0.2	<0.005	1.52	0.3
J296356		178.0	0.2	0.057	>10.0	25.1	0.1	133	24.8	13.5	<0.05	9.73	<0.2	<0.005	1.57	0.5
J296357		178.5	0.2	0.040	>10.0	18.30	0.1	140	11.3	13.6	<0.05	10.75	<0.2	<0.005	1.52	0.3
J296358		234	0.8	0.047	>10.0	28.6	4.8	74	18.3	11.0	<0.05	7.00	<0.2	0.141	1.63	0.3
J296359		199.0	0.2	0.209	>10.0	22.5	0.1	101	12.7	11.0	<0.05	6.71	<0.2	<0.005	1.80	0.3
J296360		2110	117.0	0.380	2.48	65.6	12.4	7	166.0	268	0.30	0.61	2.9	0.259	2.18	1.1
J296361		130.0	0.4	0.382	>10.0	18.10	0.1	132	11.9	12.1	<0.05	10.40	<0.2	<0.005	1.72	0.6
J296362		539	0.3	0.056	>10.0	23.9	0.2	250	8.6	14.8	<0.05	10.95	<0.2	<0.005	2.15	0.9
J296363		481	0.6	0.033	>10.0	36.0	0.1	414	16.2	14.9	<0.05	20.6	<0.2	<0.005	1.09	0.7
J296364		189.0	0.7	0.046	>10.0	31.4	0.1	454	11.5	11.6	<0.05	23.0	<0.2	<0.005	0.97	0.9
J296365		107.5	1.2	1.700	>10.0	28.0	0.2	767	13.5	8.4	<0.05	21.6	<0.2	<0.005	0.61	1.4
J296366		206	0.2	0.039	>10.0	57.9	0.2	>1000	20.6	5.0	<0.05	17.40	<0.2	<0.005	1.07	0.5
J296367		145.0	13.2	0.020	>10.0	50.4	2.7	663	9.7	4.9	0.06	9.62	0.6	0.057	0.77	0.8
J296368		212	0.3	0.018	>10.0	71.4	0.1	442	23.7	2.4	<0.05	22.9	<0.2	<0.005	0.78	0.7
J296369		153.0	0.2	0.035	>10.0	55.8	<0.1	313	204	7.9	<0.05	10.50	<0.2	<0.005	1.70	0.1
J296370		4.4	25.3	<0.002	0.14	0.80	10.2	1	0.8	246	0.26	0.05	2.1	0.256	0.19	0.9
J296371		135.0	0.2	0.020	>10.0	39.2	0.1	285	80.8	4.9	<0.05	12.20	<0.2	<0.005	1.48	0.1
J296372		96.0	0.1	0.028	>10.0	19.05	<0.1	357	32.0	4.6	<0.05	18.30	<0.2	<0.005	0.83	0.1
J296373		112.0	0.1	0.061	>10.0	23.0	<0.1	405	28.3	5.0	<0.05	21.7	<0.2	<0.005	0.79	0.1
J296374		84.9	0.1	0.034	>10.0	15.40	<0.1	359	16.3	3.7	<0.05	13.85	<0.2	<0.005	0.82	0.1
J296375		71.6	2.1	0.024	>10.0	17.45	0.5	289	10.9	4.4	<0.05	12.45	0.2	0.009	0.93	0.4
J296376		111.0	0.2	0.014	>10.0	35.4	<0.1	224	10.8	6.3	<0.05	13.80	<0.2	<0.005	1.11	0.5
J296377		110.0	0.2	0.016	>10.0	26.2	<0.1	313	6.5	7.5	<0.05	19.50	<0.2	<0.005	1.08	0.4
J296378		132.5	0.1	0.015	>10.0	22.2	<0.1	291	7.6	5.0	<0.05	19.30	<0.2	<0.005	1.27	0.4
J296379		154.0	0.1	0.011	>10.0	23.0	<0.1	285	10.4	5.7	<0.05	19.70	<0.2	<0.005	1.00	0.5
J296380		167.5	0.2	0.025	>10.0	24.4	<0.1	295	23.9	5.2	<0.05	19.95	<0.2	<0.005	1.57	0.4
J296381		174.0	0.2	0.013	>10.0	35.0	0.5	75	27.5	4.7	<0.05	8.59	<0.2	0.015	3.78	0.2
J296382		235	0.3	0.010	>10.0	32.3	0.5	133	12.7	2.8	<0.05	9.50	<0.2	0.014	3.32	0.3
J296383		416	0.2	0.008	>10.0	29.6	0.1	214	8.6	2.6	<0.05	12.45	<0.2	<0.005	2.61	0.3
J296384		182.5	0.2	0.007	>10.0	25.3	0.1	118	8.8	37.8	<0.05	19.40	<0.2	<0.005	1.91	0.1
J296386		187.0	0.1	0.011	>10.0	31.9	<0.1	149	10.1	2.0	<0.05	10.55	<0.2	<0.005	2.62	0.2
J296387		193.5	0.5	0.014	>10.0	24.0	0.1	180	9.2	3.2	<0.05	24.7	<0.2	<0.005	1.99	0.2
J296388		356	0.7	0.015	>10.0	56.0	0.1	108	11.9	1.6	<0.05	18.90	<0.2	<0.005	5.49	0.6
J296389		248	0.7	0.026	>10.0	34.8	0.2	363	11.5	3.8	<0.05	22.7	<0.2	<0.005	3.72	0.4
J296390		2250	123.5	0.455	2.69	72.0	12.9	10	174.0	283	0.35	0.81	3.0	0.288	2.61	1.2

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200- 9797 45 AVE
EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
Account: TTB

Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Cu- OG62 Cu % 0.001	Zn- OG62 Zn % 0.001
J296350		34	1.9	1.0	5910	0.8	2.60	
J296351		58	1.4	0.7	4670	1.5	1.505	
J296352		39	2.8	0.6	4210	1.0	1.545	
J296353		68	1.8	1.1	6270	1.6	2.13	
J296354		29	1.7	0.7	4160	1.8	1.595	
J296355		9	1.5	0.2	1750	<0.5		
J296356		15	2.4	0.2	3780	0.7	1.730	
J296357		8	2.3	0.1	1360	<0.5	1.480	
J296358		52	3.7	4.9	2010	9.4	2.78	
J296359		11	2.9	0.2	1360	<0.5		
J296360		148	9.9	14.1	2670	29.0		
J296361		12	3.0	0.8	2030	<0.5		
J296362		18	2.4	0.7	4980	<0.5	2.82	
J296363		13	1.7	0.7	3260	<0.5	6.13	
J296364		9	1.1	0.9	4370	<0.5	6.21	
J296365		19	1.2	0.8	1020	<0.5	6.87	
J296366		17	5.7	0.4	5840	1.1	7.75	
J296367		32	3.8	4.1	1760	14.6	2.74	
J296368		18	6.5	0.5	>10000	0.9	4.13	1.445
J296369		9	5.5	0.1	935	<0.5	1.085	
J296370		79	19.3	14.1	50	46.5		
J296371		2	3.5	0.1	632	<0.5		
J296372		2	1.5	0.1	1020	<0.5		
J296373		2	2.3	0.1	779	<0.5	1.320	
J296374		2	1.4	0.2	578	<0.5		
J296375		7	1.4	0.8	877	2.1	1.780	
J296376		4	2.2	0.4	1420	<0.5	2.83	
J296377		5	2.7	0.2	2490	<0.5	1.735	
J296378		2	3.2	0.2	4690	<0.5		
J296379		3	2.4	0.2	2710	<0.5	1.280	
J296380		2	4.8	0.1	1520	<0.5	1.240	
J296381		7	5.2	0.6	1380	1.0		
J296382		10	4.5	0.6	4500	1.1		
J296383		3	3.9	0.1	8820	<0.5	1.215	
J296384		4	3.5	0.4	5930	<0.5		
J296386		3	2.9	0.2	566	<0.5		
J296387		5	4.0	0.3	1020	0.6		
J296388		15	7.0	0.2	2120	<0.5	0.960	
J296389		14	6.8	0.3	4420	<0.5	1.065	
J296390		155	12.9	14.2	2830	30.1		

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200- 9797 45 AVE
EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
Account: TTB

Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Sample Description	Method / Analyte / Units / LOR	Au- ICP21 Au ppm 0.001	WEI- 21 Recvd Wt. kg 0.02	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
J296391		0.681	0.70	7.74	0.10	493	220	<0.05	26.7	0.02	5.92	0.48	96.6	4	0.13	>10000
J296392		0.677	0.72	25.7	0.29	762	130	<0.05	12.40	0.07	3.03	8.96	1315	7	0.29	>10000
J296393		0.543	0.64	25.1	0.51	432	330	0.05	12.00	0.12	3.49	5.58	945	19	0.26	>10000
J296394		0.498	0.72	22.3	1.24	366	340	0.07	15.15	0.12	2.10	12.70	781	25	0.12	>10000
J296395		0.092	0.56	3.92	3.02	88.1	190	0.49	2.78	0.57	6.58	7.97	139.5	66	0.17	>10000
J296396		0.149	0.76	1.75	3.15	91.8	370	0.55	5.92	0.47	0.43	3.27	35.9	55	0.44	2120
J296397		0.407	0.28	9.20	2.95	82.8	300	0.53	10.80	2.48	7.05	16.05	159.5	55	0.60	>10000
J296398		0.216	0.90	2.07	4.65	52.3	470	0.80	2.65	3.47	1.42	13.90	170.5	79	0.87	6500
J296399		1.280	0.84	10.05	2.74	244	280	0.22	11.75	2.89	13.45	23.9	160.0	60	0.31	>10000
J296400		0.001	0.10	0.46	5.92	3.7	530	0.78	0.07	2.14	0.26	20.9	10.0	42	0.83	67.3
J296401		0.024	0.70	0.37	7.91	20.9	1130	0.57	0.81	3.25	0.19	17.05	47.5	138	0.59	1410
J296402		0.074	0.64	0.78	6.49	21.5	1920	0.45	1.91	2.81	0.81	12.10	60.7	150	0.95	663
J296403		0.032	0.68	0.47	7.40	16.9	1820	0.51	1.09	4.53	3.86	13.85	43.4	163	0.40	1100
J296404		0.033	0.84	0.61	6.99	28.3	1830	0.48	1.62	3.31	0.19	13.25	51.2	153	0.46	1000
J296405		0.417	1.34	3.80	1.70	169.0	600	0.24	7.37	5.75	1.31	4.34	104.0	35	0.56	>10000
J296406		0.003	1.04	0.09	6.94	38.4	>10000	0.76	0.09	5.41	0.15	17.35	36.3	174	0.34	169.0
J296407		0.346	0.76	5.38	0.19	142.0	240	<0.05	6.36	1.40	1.11	1.10	62.5	18	0.53	>10000
J296408		0.422	1.02	5.73	0.05	281	210	<0.05	10.70	0.65	1.38	0.38	12.5	12	<0.05	>10000
J296409		0.243	0.92	3.89	0.18	165.0	500	<0.05	11.25	0.61	0.65	1.32	321	15	0.05	>10000
J296410		0.223	0.90	2.73	0.06	183.5	200	<0.05	11.35	0.38	0.57	0.70	156.0	3	<0.05	8590
J296411		0.244	0.90	2.06	0.03	193.5	170	<0.05	10.20	0.50	1.70	0.70	239	2	<0.05	2670
J296412		0.183	1.04	1.05	0.03	191.5	140	<0.05	7.58	0.53	1.90	0.36	175.5	1	<0.05	1680
J296413		0.143	0.78	1.04	0.02	191.0	140	<0.05	7.62	0.54	2.11	0.30	255	<1	<0.05	1305
J296414		0.167	0.76	2.66	0.03	215	160	<0.05	6.12	0.07	3.01	0.43	954	<1	<0.05	9550
J296415		0.004	0.62	0.17	0.09	53.5	220	0.72	0.19	0.12	0.29	6.11	166.0	<1	0.84	412
J296416		0.007	0.92	0.20	0.13	97.2	70	0.38	0.23	0.04	0.97	5.72	201	<1	0.49	162.0
J296417		0.010	0.86	0.34	0.17	15.2	50	0.40	0.21	0.03	0.78	10.05	97.2	<1	0.42	1590
J296418		0.012	0.64	0.25	0.14	19.7	40	0.42	0.24	0.05	0.53	9.60	160.5	<1	0.34	733
J296419		0.006	0.86	0.20	0.21	102.0	50	0.49	0.16	0.05	<0.02	14.30	429	<1	0.38	452
J296420		0.355	0.08	53.3	7.20	96.4	580	1.04	1.07	0.78	21.9	31.1	16.9	39	5.39	4130
J296421		0.020	0.58	0.34	0.15	34.8	40	0.47	0.18	0.03	<0.02	9.77	607	<1	0.39	1345
J296422		0.016	0.50	0.29	0.20	106.5	220	0.22	0.09	0.04	0.17	2.12	447	<1	0.97	1210
J296423		0.031	0.66	0.41	0.06	97.2	50	0.60	0.20	0.02	0.37	7.14	555	<1	0.36	1855
J296424		0.001	0.72	0.18	0.12	36.0	130	0.33	0.04	0.04	0.16	4.64	190.0	<1	0.39	48.0
J296425		0.441	0.68	11.60	0.79	49.9	180	0.15	6.20	6.80	10.00	7.83	389	27	0.45	>10000
J296426		0.536	0.74	11.30	0.21	53.2	230	<0.05	8.37	4.13	16.45	0.98	431	5	0.30	>10000
J296427		0.389	0.40	10.65	0.43	47.4	250	<0.05	4.59	5.12	19.90	4.07	418	10	0.47	>10000
J296428		0.197	0.68	1.01	3.34	75.6	200	0.18	4.83	0.34	0.24	8.46	126.5	89	0.62	354
J296429		0.371	0.72	0.83	4.69	139.5	1450	0.21	6.94	0.72	0.69	10.60	126.5	144	0.73	797
J296430		0.002	0.10	0.40	5.13	3.5	470	0.59	0.05	1.82	0.22	17.60	9.3	41	0.68	26.9

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EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
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Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Sample Description	Method / Analyte / Units / LOR	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
J296391		46.7	18.20	1.65	<0.1	1.175	0.04	<0.5	0.4	0.04	30	27.0	0.01	0.7	7.1	<10
J296392		40.5	28.5	3.05	0.1	2.43	0.02	4.0	1.7	0.30	421	38.0	0.02	1.1	82.8	20
J296393		25.5	29.9	2.27	0.3	2.67	0.02	2.0	3.6	0.41	365	27.6	0.04	1.1	54.5	20
J296394		27.1	20.1	2.70	0.5	5.03	0.01	5.0	10.4	1.08	280	29.6	0.01	1.5	45.4	10
J296395		12.90	19.95	0.56	0.9	2.32	0.08	1.4	14.8	1.19	263	14.45	0.06	3.4	23.2	200
J296396		14.50	11.05	0.32	0.9	0.516	0.35	<0.5	5.5	0.35	192	9.74	0.01	3.0	21.0	360
J296397		13.25	24.3	0.50	0.8	1.720	0.58	5.5	15.2	1.77	1160	66.7	0.15	3.1	49.4	480
J296398		13.55	34.4	0.34	0.6	0.652	0.82	3.9	15.4	2.30	1840	33.8	0.75	3.1	48.4	530
J296399		13.20	37.5	0.54	0.9	2.85	0.24	12.0	8.9	2.09	1850	173.5	0.03	3.9	65.9	790
J296400		2.87	11.30	0.07	1.5	0.045	0.90	10.0	16.3	0.85	515	3.84	2.31	3.9	26.1	570
J296401		11.25	18.10	0.25	1.0	0.154	0.48	6.2	36.8	5.06	2290	5.60	1.71	3.6	80.6	810
J296402		16.55	14.30	0.30	1.7	0.148	0.64	3.7	30.6	4.00	1240	37.3	1.25	2.9	77.4	600
J296403		12.50	18.45	0.28	1.2	0.619	0.58	4.4	34.9	4.70	1420	13.50	1.26	3.4	88.4	780
J296404		15.10	18.90	0.31	1.2	0.335	0.47	4.3	36.6	4.43	1420	13.10	0.97	3.0	80.7	710
J296405		35.3	28.8	0.60	0.5	3.32	0.19	1.2	5.3	0.99	469	40.0	0.03	1.7	14.6	320
J296406		8.30	20.1	1.31	1.6	0.126	0.91	6.2	20.0	4.11	1560	1.23	0.08	3.2	79.9	830
J296407		30.4	33.4	0.61	<0.1	5.28	0.02	<0.5	1.0	0.22	100	59.3	0.02	0.6	5.5	270
J296408		34.5	5.09	0.64	<0.1	3.08	0.01	<0.5	0.4	0.12	12	40.5	<0.01	0.5	3.5	70
J296409		41.3	11.85	1.16	<0.1	2.42	0.02	0.5	0.8	0.43	14	107.0	0.01	0.7	17.6	130
J296410		43.0	5.46	1.27	<0.1	1.005	0.01	<0.5	0.3	0.21	<5	210	0.01	0.7	8.2	50
J296411		40.6	3.91	1.07	<0.1	0.373	0.01	<0.5	0.3	0.26	<5	127.5	<0.01	0.6	14.1	10
J296412		41.6	4.63	1.15	<0.1	0.248	<0.01	<0.5	0.4	0.31	<5	190.0	<0.01	0.7	14.1	<10
J296413		40.1	3.83	1.19	<0.1	0.206	<0.01	<0.5	0.4	0.30	<5	134.5	<0.01	0.6	21.8	<10
J296414		39.8	5.49	1.50	<0.1	0.382	<0.01	<0.5	0.6	0.15	<5	293	<0.01	0.7	25.0	<10
J296415		>50	35.2	5.88	<0.1	0.075	0.02	2.9	0.9	3.93	18	470	0.02	1.3	36.4	20
J296416		46.3	21.5	5.46	<0.1	0.072	0.01	2.6	0.8	5.06	45	562	0.02	1.2	21.5	30
J296417		40.6	19.60	3.50	<0.1	0.155	0.01	4.7	1.0	6.39	57	441	0.02	1.4	39.0	20
J296418		43.9	20.3	4.94	<0.1	0.050	0.01	4.4	1.6	5.60	106	242	0.01	1.6	48.5	160
J296419		43.5	21.8	4.04	<0.1	0.028	0.01	6.4	1.4	5.48	75	366	0.02	1.5	73.2	90
J296420		5.05	17.45	0.15	1.0	6.86	4.51	15.3	13.2	0.86	514	173.5	1.30	5.1	23.5	960
J296421		43.1	15.50	2.86	<0.1	0.050	0.01	4.5	1.2	5.48	40	518	0.02	1.1	90.1	110
J296422		38.8	14.15	0.68	<0.1	0.042	0.02	0.9	1.0	6.45	168	256	0.02	0.9	49.7	60
J296423		41.6	12.05	1.32	<0.1	0.080	0.01	3.5	1.1	5.29	98	212	<0.01	1.2	24.5	20
J296424		35.7	13.40	0.46	<0.1	0.012	0.01	2.1	0.9	8.11	173	167.0	<0.01	0.8	41.6	100
J296425		20.4	12.10	0.64	0.2	4.27	0.01	2.4	3.9	1.74	332	174.5	<0.01	0.6	19.5	190
J296426		21.0	7.18	0.61	<0.1	3.32	0.01	<0.5	1.1	0.43	119	181.0	<0.01	0.3	6.5	20
J296427		23.8	17.45	0.69	0.1	2.19	0.01	1.5	2.3	0.84	195	252	<0.01	0.4	13.6	40
J296428		24.9	9.83	0.44	0.7	0.104	0.10	3.4	38.8	3.59	998	74.2	<0.01	2.0	41.7	120
J296429		24.5	14.15	0.41	0.6	0.191	0.05	3.7	51.2	5.43	1500	52.4	<0.01	2.8	54.5	320
J296430		2.42	10.25	0.11	1.3	0.032	0.78	8.7	11.7	0.73	442	3.14	1.97	3.6	21.6	480

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

CERTIFICATE OF ANALYSIS VA11136283

Sample Description	Method / Analyte / Units / LOR	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
J296391		306	1.3	0.026	>10.0	35.4	0.2	259	10.2	3.0	<0.05	15.10	<0.2	<0.005	2.88	0.2
J296392		151.0	1.2	0.014	>10.0	76.3	0.5	683	8.3	2.0	<0.05	15.35	0.5	0.014	0.68	1.8
J296393		111.0	0.8	0.012	>10.0	57.4	1.0	535	10.4	4.5	0.06	17.60	0.6	0.034	0.55	1.7
J296394		108.5	0.4	0.014	>10.0	41.1	1.8	647	20.3	3.6	0.09	25.0	1.4	0.050	0.74	1.7
J296395		51.9	3.8	0.007	>10.0	9.45	7.7	109	24.0	4.2	0.25	2.76	2.2	0.161	0.31	1.6
J296396		38.2	15.3	0.004	>10.0	8.70	7.7	53	13.4	2.7	0.23	2.43	1.1	0.133	0.90	1.3
J296397		358	21.6	0.113	>10.0	9.20	10.3	110	39.9	35.1	0.23	6.64	2.1	0.248	0.58	0.9
J296398		59.9	26.6	0.112	>10.0	8.24	19.0	45	11.7	45.5	0.24	2.07	1.3	0.493	0.65	0.6
J296399		390	10.3	0.279	9.42	18.40	7.9	105	53.8	43.5	0.26	11.10	3.0	0.190	0.84	1.9
J296400		5.1	29.1	0.002	0.04	0.92	12.5	2	0.8	287	0.29	0.07	2.3	0.304	0.23	1.0
J296401		14.8	6.7	0.014	3.76	3.82	39.1	9	8.0	77.0	0.27	0.26	0.4	1.070	0.43	0.4
J296402		104.0	25.0	0.130	>10.0	5.69	34.3	22	5.5	42.6	0.22	0.84	0.4	0.879	0.86	0.4
J296403		20.5	9.9	0.042	7.35	4.77	39.8	10	3.9	78.4	0.26	0.40	0.3	1.045	0.77	0.3
J296404		17.2	9.1	0.043	>10.0	4.08	35.7	9	5.2	73.5	0.23	0.55	0.3	0.954	0.86	0.5
J296405		165.5	5.2	0.108	>10.0	12.45	5.5	53	38.5	32.8	0.11	4.29	0.4	0.142	1.61	1.5
J296406		3.4	13.1	0.004	0.40	1.19	61.8	4	1.5	92.2	0.25	0.05	0.3	1.095	2.03	0.6
J296407		186.5	0.9	0.145	>10.0	18.35	0.6	32	44.7	10.1	<0.05	2.29	<0.2	0.016	1.39	1.4
J296408		217	0.2	0.024	>10.0	68.2	0.2	21	195.0	10.2	<0.05	4.67	<0.2	<0.005	1.96	0.4
J296409		71.8	0.5	0.095	>10.0	16.80	0.5	162	30.8	18.9	<0.05	8.20	<0.2	0.014	1.02	1.6
J296410		60.3	0.2	0.247	>10.0	11.95	0.1	177	33.5	13.2	<0.05	9.31	<0.2	<0.005	0.82	0.9
J296411		79.6	0.3	0.262	>10.0	14.00	0.1	130	16.5	35.2	<0.05	7.80	<0.2	<0.005	0.97	0.6
J296412		49.1	0.1	0.600	>10.0	8.32	0.1	166	16.3	48.7	<0.05	6.88	<0.2	<0.005	0.64	1.3
J296413		33.8	0.1	0.372	>10.0	8.31	0.1	177	16.6	52.1	<0.05	7.24	<0.2	<0.005	0.56	1.4
J296414		31.6	0.1	0.569	>10.0	10.70	<0.1	272	11.4	4.0	<0.05	7.78	<0.2	<0.005	0.61	0.5
J296415		2.3	0.7	3.07	1.58	5.89	0.1	5	13.2	3.2	<0.05	0.16	<0.2	<0.005	0.05	2.9
J296416		5.1	0.4	3.29	1.24	4.16	0.1	4	8.1	2.0	<0.05	0.28	<0.2	<0.005	0.06	2.4
J296417		2.6	0.3	3.23	2.19	3.61	0.3	7	6.1	1.3	<0.05	0.31	<0.2	<0.005	0.06	2.3
J296418		1.7	0.3	1.750	2.60	3.70	0.2	8	7.7	2.0	<0.05	0.45	<0.2	<0.005	0.05	5.9
J296419		1.5	0.2	2.00	2.85	3.70	0.4	10	8.2	2.6	<0.05	0.39	<0.2	0.006	0.05	3.3
J296420		2160	129.5	0.367	2.48	70.4	12.3	9	170.0	272	0.33	0.68	2.8	0.268	2.40	1.2
J296421		8.7	0.4	2.71	7.47	3.30	0.3	54	7.8	1.8	<0.05	0.55	<0.2	<0.005	0.08	2.2
J296422		1.7	0.9	1.100	5.23	2.10	0.3	52	5.1	3.2	<0.05	0.26	<0.2	<0.005	0.06	1.6
J296423		2.4	0.3	0.669	6.53	3.28	0.3	39	4.2	1.2	<0.05	0.20	<0.2	<0.005	0.06	2.1
J296424		0.5	0.2	0.548	0.21	1.56	0.5	2	3.3	2.1	<0.05	0.08	<0.2	<0.005	0.02	1.3
J296425		188.0	1.0	0.722	>10.0	6.85	2.5	119	7.2	71.1	<0.05	4.87	0.2	0.024	0.34	0.9
J296426		153.5	0.6	0.509	>10.0	8.17	0.5	134	7.0	32.1	<0.05	5.84	<0.2	0.006	0.35	0.4
J296427		140.5	1.1	0.875	>10.0	7.07	1.2	139	7.2	46.2	<0.05	3.49	<0.2	0.018	0.23	0.6
J296428		44.0	6.0	0.492	>10.0	2.49	18.3	46	10.7	9.7	0.12	5.03	0.3	0.446	0.33	0.3
J296429		43.1	2.6	0.359	>10.0	4.59	28.2	41	16.7	23.6	0.17	4.91	0.2	0.723	0.59	0.4
J296430		3.9	30.4	<0.002	0.06	0.74	11.3	1	0.7	248	0.24	<0.05	2.1	0.254	0.19	0.8

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To: APEX GEOSCIENCE LTD.
200- 9797 45 AVE
EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
Account: TTB

Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Cu- OG62 Cu % 0.001	Zn- OG62 Zn % 0.001
J296391		11	4.6	0.3	3720	<0.5	1.110	
J296392		12	2.1	1.3	>10000	5.2	6.44	1.025
J296393		21	2.1	1.8	9560	8.7	6.85	
J296394		27	2.8	3.7	4530	17.2	6.49	
J296395		63	3.4	9.5	2310	31.8	1.090	
J296396		54	3.5	8.9	224	31.8		
J296397		106	2.6	10.6	1740	31.2	1.560	
J296398		176	2.9	10.7	377	17.9		
J296399		138	1.5	10.2	3030	36.8	3.45	
J296400		87	24.1	15.9	51	48.8		
J296401		325	3.6	28.6	305	24.4		
J296402		257	2.0	29.3	590	68.4		
J296403		316	2.1	32.8	1920	28.5		
J296404		309	1.6	32.0	327	31.2		
J296405		87	4.5	8.1	533	14.7	1.205	
J296406		346	4.2	42.3	150	43.6		
J296407		45	7.3	1.0	777	1.7	3.40	
J296408		19	5.8	0.4	807	0.5	1.060	
J296409		26	1.4	1.0	420	0.8	1.060	
J296410		13	1.1	0.4	223	<0.5		
J296411		8	1.2	0.4	650	<0.5		
J296412		10	0.8	0.2	569	<0.5		
J296413		10	0.7	0.2	1060	<0.5		
J296414		9	0.5	0.1	3370	<0.5		
J296415		23	3.9	1.5	211	<0.5		
J296416		15	1.9	1.1	879	<0.5		
J296417		24	1.3	1.0	1040	<0.5		
J296418		25	4.4	2.1	876	<0.5		
J296419		33	1.5	1.8	236	<0.5		
J296420		153	15.5	14.8	2770	33.1		
J296421		19	1.8	1.6	469	<0.5		
J296422		17	1.3	1.1	461	<0.5		
J296423		16	1.2	1.0	483	<0.5		
J296424		17	0.7	1.2	182	<0.5		
J296425		59	1.0	3.2	3850	6.5	3.98	
J296426		16	1.0	0.8	6340	<0.5	3.26	
J296427		35	0.8	2.5	4990	1.6	3.12	
J296428		141	0.8	10.3	172	21.6		
J296429		200	1.4	14.7	478	16.3		
J296430		79	20.5	14.6	43	43.6		

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

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200- 9797 45 AVE
EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
Account: TTB

Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Sample Description	Method / Analyte / Units / LOR	Au- ICP21 Au ppm 0.001	WEI- 21 Recvd Wt. kg 0.02	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
J296431		0.274	0.80	1.44	3.98	112.5	580	0.20	5.93	1.94	5.13	8.65	139.0	98	0.34	1155
J296432		0.057	0.62	0.32	7.31	35.4	580	0.51	2.04	1.02	0.57	16.20	36.7	215	0.66	340
J296433		0.007	0.62	0.12	5.60	2.7	2710	0.67	0.13	2.27	0.13	21.4	22.3	117	1.14	93.0
J296434		0.226	0.52	0.51	6.08	14.7	600	1.34	0.97	6.75	2.74	19.80	33.1	133	1.80	150.5
J296435		0.046	0.62	0.25	5.20	24	260	0.61	0.47	10.05	0.55	25.1	29.0	77	0.41	53.8
J296436		0.017	0.40	0.16	5.98	4.9	310	0.62	0.22	8.82	0.47	15.30	22.8	74	0.29	48.9
J296437		0.018	1.10	0.29	6.15	3.6	1940	1.20	0.12	4.66	0.20	23.1	23.0	65	1.96	230
J296438		0.027	1.20	0.28	5.75	6.2	1020	0.85	0.35	4.55	0.23	30.3	31.4	78	1.07	238
J296439		0.009	1.22	0.08	7.51	1.6	610	0.61	0.07	4.15	0.11	20.3	34.4	50	0.57	68.1
J296440		0.010	0.72	0.14	4.44	5.2	910	0.67	0.24	4.30	0.15	31.1	23.1	86	0.79	143.0
J296441		0.118	1.20	1.70	1.67	98.2	70	0.12	9.18	0.82	1.32	16.15	83.8	25	0.17	2060
J296442		0.021	0.82	0.33	2.02	18.5	320	0.57	0.66	0.41	0.26	20.9	24.5	34	0.30	281
J296443		0.014	0.66	0.13	3.32	56.1	680	0.45	0.35	0.29	0.05	23.3	96.3	56	0.84	60.8
J296444		0.017	0.98	0.13	3.04	28.2	380	0.73	0.41	0.39	0.07	26.9	52.1	45	0.81	109.5
J296445		0.010	1.18	0.07	3.15	14.1	5080	0.88	0.17	0.89	0.04	38.0	7.3	45	0.79	43.1
J296446		0.014	1.06	0.13	3.10	15.1	4470	0.84	0.20	0.58	0.12	32.9	8.9	41	0.69	105.5
J296447		0.013	0.98	0.14	7.84	27.5	6290	0.83	0.14	2.27	0.33	19.65	32.2	37	1.38	89.7
J296448		0.088	1.04	2.20	7.53	66.9	2040	0.54	2.88	4.21	1.27	12.90	55.2	68	0.94	5820
J296449		0.005	1.30	0.15	5.78	9.6	1660	0.45	0.09	3.27	0.05	18.90	22.4	83	0.55	231
J296450		0.375	0.10	50.2	7.01	93.3	550	1.01	1.23	0.77	21.6	30.2	16.0	40	5.35	3920
J296451		0.584	0.32	12.20	0.35	317	750	<0.05	31.0	3.60	2.74	5.81	762	7	0.08	10000
J296452		0.546	0.50	28.0	0.68	316	1000	0.08	15.75	1.39	4.56	3.29	740	21	0.14	7720
J296453		0.252	0.30	2.70	0.21	274	170	<0.05	11.85	0.26	3.99	3.07	491	9	0.06	4790
J296454		0.127	0.66	2.76	0.10	149.5	230	0.09	7.06	0.27	5.86	5.05	568	4	1.24	7030
J296455		0.172	0.62	6.03	0.11	163.5	450	<0.05	13.70	3.11	2.78	11.55	475	10	0.90	>10000
J296456		0.263	0.76	6.43	0.04	187.0	160	<0.05	14.35	1.18	13.25	4.56	435	5	0.11	>10000
J296457		0.305	0.38	9.19	0.04	271	230	<0.05	14.45	0.47	12.75	10.50	498	3	0.15	>10000
J296458		0.410	1.00	7.35	0.04	251	170	<0.05	11.60	0.80	40.0	1.82	515	4	0.07	>10000
J296459		0.303	1.00	6.74	0.03	214	40	<0.05	7.83	0.39	18.05	0.49	484	4	0.05	>10000
J296460		0.002	0.08	0.37	4.91	3.5	460	0.59	0.05	1.72	0.21	19.25	9.4	37	0.74	28.1
J296461		0.406	0.92	9.06	0.03	199.5	20	<0.05	8.22	1.02	36.4	1.39	401	3	0.21	>10000
J296462		0.299	1.26	6.44	0.03	180.5	30	<0.05	5.24	0.46	24.2	0.61	345	3	0.16	>10000
J296463		0.467	1.06	8.62	0.02	233	30	<0.05	8.36	0.31	12.10	0.80	329	6	<0.05	>10000
J296464		0.595	1.38	9.61	0.61	259	160	<0.05	9.19	1.54	22.6	1.73	342	23	0.08	>10000
J296465		1.035	0.86	5.25	0.09	228	40	<0.05	7.54	0.45	1.01	2.73	1260	11	<0.05	8550
J296466		0.931	0.80	4.58	0.06	191.5	50	<0.05	7.34	0.65	1.04	0.21	583	4	<0.05	7230
J296467		0.617	0.66	5.05	1.84	156.0	230	0.15	7.91	1.88	4.94	1.33	432	54	0.24	8670
J296468		0.281	0.30	2.43	3.57	86.3	270	0.19	6.60	1.45	0.70	6.47	251	82	0.29	5760
J296500		0.628	0.78	9.05	0.16	198.0	80	<0.05	10.20	2.06	29.5	0.25	213	8	2.56	>10000
J296501		0.810	0.50	9.43	0.50	322	250	<0.05	36.4	0.46	14.80	1.20	257	15	0.13	>10000

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

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To: APEX GEOSCIENCE LTD.
200- 9797 45 AVE
EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
Account: TTB

Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Sample Description	Method Analyte Units LOR	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
J296431		22.2	12.45	0.39	0.4	0.207	0.07	3.0	36.0	4.23	1620	72.4	0.10	1.8	45.3	430
J296432		11.35	20.9	0.21	2.5	0.260	0.33	5.5	61.3	6.85	2110	7.27	0.81	3.8	81.4	890
J296433		4.77	10.90	0.16	1.6	0.066	0.66	9.9	21.4	3.74	942	2.34	1.18	3.9	46.2	470
J296434		6.20	12.30	0.15	1.1	0.364	1.14	9.9	16.2	2.75	1540	8.19	1.66	3.8	51.9	670
J296435		7.91	9.52	0.17	1.0	0.339	0.37	10.9	5.9	3.64	1790	17.95	3.05	2.7	50.5	2890
J296436		5.74	10.05	0.12	0.6	0.160	0.28	6.8	2.8	3.25	1600	14.20	4.34	2.5	36.8	950
J296437		5.68	14.20	0.13	0.9	0.111	1.68	11.0	9.7	2.30	1490	0.82	1.07	3.3	36.3	850
J296438		6.59	14.30	0.19	1.1	0.156	0.69	18.8	16.5	2.32	1640	1.72	1.35	4.5	70.4	1010
J296439		6.91	16.65	0.18	1.0	0.084	0.26	8.4	21.5	3.07	1730	0.62	2.78	3.8	44.2	740
J296440		5.38	13.10	0.19	1.2	0.113	0.63	20.0	13.6	1.96	1260	0.53	0.56	5.0	66.9	980
J296441		10.80	12.75	0.47	0.7	0.361	0.02	7.3	13.3	2.54	186	9.03	<0.01	1.7	35.5	50
J296442		4.93	9.12	0.13	1.0	0.064	0.22	9.3	15.2	1.83	178	676	0.03	2.0	18.5	620
J296443		7.85	14.25	0.18	1.4	0.081	0.59	10.6	23.8	2.22	295	3.25	0.01	3.3	49.7	90
J296444		4.42	11.30	0.13	1.1	0.072	0.93	9.6	7.8	0.87	316	2.63	0.01	3.4	27.2	320
J296445		1.92	9.04	0.13	1.2	0.040	0.98	14.7	6.1	0.65	676	3.62	0.06	4.3	22.0	370
J296446		2.28	8.73	0.13	1.2	0.044	0.90	12.7	7.3	0.71	536	9.17	0.04	3.8	21.0	320
J296447		7.66	18.90	0.19	1.0	0.091	1.60	7.4	34.3	3.44	1600	1.11	0.08	2.7	29.4	790
J296448		9.42	21.1	0.24	0.6	0.361	0.95	4.4	36.7	3.85	1480	1.11	0.53	2.7	43.6	710
J296449		6.33	13.65	0.15	0.8	0.044	0.44	7.2	23.8	2.91	852	0.86	1.20	2.7	31.3	590
J296450		4.79	16.90	0.19	0.9	6.80	4.21	15.8	11.2	0.80	493	173.5	1.21	4.5	24.1	940
J296451		36.3	8.86	1.23	0.1	1.720	0.04	4.3	2.5	0.46	174	94.3	<0.01	0.9	67.3	60
J296452		39.0	7.11	1.19	0.1	1.080	0.11	1.4	3.0	0.45	136	117.5	0.01	0.8	85.0	170
J296453		42.0	6.53	1.03	<0.1	0.676	0.02	1.6	1.2	0.24	62	93.8	0.02	0.8	20.4	20
J296454		39.8	18.55	0.86	<0.1	1.700	0.02	2.4	0.8	1.80	43	137.0	<0.01	1.0	39.6	10
J296455		33.5	9.10	0.96	<0.1	1.535	0.02	5.9	0.9	2.65	123	204	<0.01	0.7	22.9	20
J296456		37.4	14.20	0.80	<0.1	2.07	0.01	1.2	1.2	0.65	53	61.0	<0.01	0.6	21.1	<10
J296457		39.2	27.8	0.88	<0.1	1.440	0.01	4.4	0.9	0.49	29	83.8	<0.01	0.6	22.1	<10
J296458		37.5	21.6	0.71	<0.1	5.24	0.01	0.5	0.7	0.32	23	138.0	<0.01	0.5	27.9	<10
J296459		37.5	18.35	1.18	<0.1	2.64	0.01	<0.5	0.4	0.19	17	125.0	<0.01	0.9	21.4	<10
J296460		2.45	11.00	0.09	1.2	0.035	0.76	9.4	13.2	0.69	432	3.08	1.92	3.7	20.8	480
J296461		27.2	35.5	0.79	<0.1	6.30	0.01	<0.5	1.2	0.54	20	412	<0.01	0.7	18.1	10
J296462		30.7	30.2	0.80	<0.1	3.66	0.01	<0.5	1.0	0.49	15	469	<0.01	0.7	14.4	<10
J296463		34.2	11.55	0.88	<0.1	4.54	<0.01	<0.5	0.3	0.08	29	234	<0.01	0.8	13.0	10
J296464		31.9	15.55	0.97	0.2	7.71	0.05	<0.5	1.4	0.48	131	163.5	0.06	1.0	19.3	70
J296465		35.9	13.55	1.01	<0.1	3.02	0.01	0.8	0.4	0.08	24	170.0	<0.01	0.6	22.3	290
J296466		36.4	8.19	0.91	<0.1	2.55	0.02	<0.5	0.2	0.03	20	191.5	<0.01	0.7	11.8	20
J296467		28.9	25.9	0.81	0.3	4.04	0.52	<0.5	3.7	0.82	261	149.5	0.07	1.2	23.3	300
J296468		21.1	18.65	0.53	0.4	3.62	0.33	2.2	11.5	2.43	635	190.5	0.46	1.6	49.0	870
J296500		23.2	43.1	0.78	<0.1	4.35	0.03	<0.5	0.4	1.20	124	55.3	<0.01	0.4	9.5	160
J296501		36.1	6.11	1.59	0.1	2.29	0.12	<0.5	1.9	0.22	61	28.7	0.01	0.9	9.7	50

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To: APEX GEOSCIENCE LTD.
200- 9797 45 AVE
EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
Account: TTB

Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Sample Description	Method / Analyte / Units / LOR	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
J296431		39.7	2.9	0.601	>10.0	5.63	20.1	38	7.4	37.3	0.11	4.31	0.2	0.470	0.68	0.2
J296432		12.7	15.3	0.031	3.26	2.24	39.9	4	10.6	36.6	0.27	0.61	0.4	1.125	0.29	0.2
J296433		4.9	32.4	0.012	0.39	1.38	24.1	2	1.5	72.1	0.24	0.09	1.8	0.572	0.22	1.3
J296434		29.1	52.4	0.030	3.07	2.57	26.4	4	3.1	250	0.18	0.23	0.9	0.592	0.43	1.6
J296435		17.0	18.7	0.014	3.91	1.96	19.9	4	3.3	717	0.19	0.21	1.8	0.337	0.13	0.6
J296436		8.5	13.8	0.011	1.68	1.76	18.6	3	1.7	687	0.15	0.11	0.9	0.476	0.10	0.5
J296437		5.8	70.4	0.003	0.36	1.05	21.3	1	2.4	200	0.23	0.09	2.1	0.500	0.53	0.5
J296438		18.3	39.2	0.004	0.54	1.45	24.4	2	2.7	150.0	0.30	0.24	2.7	0.532	0.28	0.7
J296439		6.5	11.6	<0.002	0.11	1.89	31.9	2	1.4	175.5	0.26	<0.05	1.0	0.834	0.10	0.3
J296440		7.5	28.8	0.002	0.43	1.22	16.9	2	3.1	127.0	0.32	0.15	3.7	0.362	0.22	0.8
J296441		51.8	1.0	0.018	>10.0	15.60	4.6	96	3.7	62.4	0.12	3.71	2.5	0.061	0.14	0.7
J296442		11.8	10.4	2.76	3.80	4.12	5.7	9	4.3	16.5	0.13	0.54	3.0	0.088	0.21	1.3
J296443		8.2	23.0	0.010	6.67	3.37	10.5	18	5.5	9.1	0.25	0.60	3.4	0.165	0.54	2.0
J296444		7.5	37.2	0.005	3.33	3.48	8.4	8	3.3	9.3	0.23	0.36	3.4	0.125	0.97	1.1
J296445		6.2	38.1	0.014	0.14	1.15	8.2	1	1.0	11.7	0.30	0.08	5.0	0.157	0.78	0.8
J296446		6.7	36.0	0.003	0.38	1.08	8.1	2	1.4	7.8	0.27	0.09	4.6	0.148	0.92	0.7
J296447		9.3	59.4	0.003	0.80	1.60	29.8	2	1.5	22.4	0.20	0.05	0.7	0.897	1.45	0.3
J296448		24.9	23.2	0.004	2.11	10.90	32.3	21	2.9	43.3	0.20	1.00	0.3	0.840	0.94	0.1
J296449		4.3	18.4	0.002	1.23	1.96	22.4	3	2.7	49.0	0.19	0.05	1.5	0.650	0.36	0.2
J296450		2020	96.5	0.428	2.36	68.0	12.9	7	178.5	262	0.29	0.66	3.0	0.249	2.30	1.1
J296451		158.0	1.6	0.346	>10.0	99.3	1.3	237	18.8	66.2	<0.05	13.50	0.2	0.027	0.57	0.6
J296452		182.5	4.7	0.534	>10.0	516	3.3	232	27.2	23.3	<0.05	11.70	<0.2	0.079	0.61	0.3
J296453		85.0	0.5	0.253	>10.0	20.1	1.2	162	11.7	6.9	<0.05	7.40	<0.2	0.024	1.53	3.2
J296454		91.6	1.6	0.594	>10.0	19.45	0.5	105	7.3	9.9	<0.05	4.21	<0.2	0.005	2.69	3.8
J296455		72.6	1.5	0.630	>10.0	39.1	0.4	155	6.8	150.0	<0.05	6.32	<0.2	0.005	0.85	1.3
J296456		101.0	0.9	0.080	>10.0	17.05	0.2	120	10.5	17.3	<0.05	5.76	<0.2	<0.005	1.34	2.3
J296457		110.5	0.7	0.149	>10.0	21.1	0.2	138	16.4	16.0	<0.05	6.71	<0.2	<0.005	1.65	1.5
J296458		401	0.5	0.258	>10.0	29.6	0.1	117	37.5	10.0	<0.05	5.10	<0.2	<0.005	2.33	1.0
J296459		170.5	0.4	0.255	>10.0	22.2	0.2	127	31.2	11.5	<0.05	5.11	<0.2	<0.005	1.94	0.8
J296460		3.8	25.5	<0.002	0.08	0.84	10.4	1	0.8	240	0.24	<0.05	1.8	0.253	0.19	0.8
J296461		243	1.0	1.510	>10.0	19.25	0.1	103	9.5	19.9	<0.05	4.36	<0.2	<0.005	1.68	1.9
J296462		183.5	0.9	1.760	>10.0	15.30	0.1	84	14.9	12.8	<0.05	3.80	<0.2	<0.005	1.18	1.2
J296463		384	0.2	0.786	>10.0	24.4	0.1	93	39.5	11.9	<0.05	4.67	<0.2	<0.005	2.01	1.3
J296464		291	1.4	0.447	>10.0	33.5	2.6	123	38.7	16.2	<0.05	5.07	<0.2	0.083	2.15	1.8
J296465		119.0	0.6	0.578	>10.0	16.90	0.1	134	9.1	13.2	<0.05	7.91	<0.2	<0.005	1.11	0.7
J296466		126.5	0.8	0.617	>10.0	15.70	0.1	102	14.5	12.2	<0.05	6.89	<0.2	<0.005	0.63	0.4
J296467		130.5	14.1	0.593	>10.0	12.40	7.4	84	15.0	21.6	0.05	5.90	<0.2	0.201	0.69	0.5
J296468		44.7	9.6	0.838	>10.0	3.99	15.0	65	4.0	32.9	0.09	5.11	0.3	0.317	0.49	0.5
J296500		222	2.4	0.141	>10.0	21.2	0.2	133	7.8	18.4	<0.05	6.31	<0.2	<0.005	1.28	0.4
J296501		161.5	4.6	0.037	>10.0	30.4	2.4	275	19.7	11.5	<0.05	22.3	<0.2	0.051	1.46	0.2

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ALS Minerals

To: APEX GEOSCIENCE LTD.
200- 9797 45 AVE
EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
Account: TTB

Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Cu- OG62 Cu % 0.001	Zn- OG62 Zn % 0.001
J296431		164	1.6	12.4	1140	8.7		
J296432		341	2.4	27.9	561	84.5		
J296433		193	2.4	15.5	132	54.9		
J296434		196	26.1	16.8	509	36.3		
J296435		123	37.1	21.0	183	32.1		
J296436		75	38.0	14.0	130	20.0		
J296437		237	10.1	10.5	125	25.7		
J296438		230	6.6	17.2	230	36.5		
J296439		266	1.2	15.6	101	24.2		
J296440		188	0.7	15.4	83	45.8		
J296441		45	2.1	5.1	485	24.8		
J296442		48	1.8	6.6	69	35.3		
J296443		71	1.9	10.0	82	54.6		
J296444		54	1.3	8.0	58	40.8		
J296445		40	1.0	8.8	57	43.8		
J296446		44	1.3	7.4	79	42.5		
J296447		306	3.3	19.5	243	33.8		
J296448		300	1.6	17.4	656	15.1		
J296449		213	1.6	21.1	100	23.2		
J296450		141	11.7	14.1	2580	28.0		
J296451		21	2.6	2.2	724	3.4	0.965	
J296452		41	4.4	3.0	613	2.0		
J296453		19	1.5	1.6	4090	1.2		
J296454		44	1.6	2.5	4680	<0.5		
J296455		22	0.9	3.4	1710	<0.5	1.445	
J296456		15	1.6	1.6	8110	<0.5	2.33	
J296457		23	1.8	1.0	>10000	<0.5	3.84	1.130
J296458		14	5.0	0.8	>10000	<0.5	1.405	1.765
J296459		13	3.6	0.8	8040	<0.5	1.710	
J296460		75	20.0	13.1	44	37.7		
J296461		10	5.1	1.2	>10000	<0.5	2.37	1.695
J296462		9	3.5	0.9	9770	<0.5	1.850	
J296463		8	5.4	0.5	3960	<0.5	1.660	
J296464		40	4.8	3.8	5980	5.1	2.54	
J296465		41	1.3	0.7	435	<0.5		
J296466		19	0.8	0.3	394	<0.5		
J296467		98	1.7	7.4	1820	7.4		
J296468		155	1.9	12.9	304	9.5		
J296500		35	2.4	1.0	>10000	0.8	1.980	1.005
J296501		23	5.8	1.8	2780	0.9	1.115	

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To: APEX GEOSCIENCE LTD.
200- 9797 45 AVE
EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
Account: TTB

Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Sample Description	Method Analyte Units LOR	Au- ICP21 Au ppm 0.001	WEI- 21 Recvd Wt. kg 0.02	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
J296502		0.213	0.86	3.20	0.11	163.5	130	<0.05	11.10	0.37	0.76	1.02	168.5	5	<0.05	8040
J296503		0.016	0.76	0.19	4.65	6.1	1380	0.68	0.42	3.52	0.26	31.4	28.3	87	0.82	261

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

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

To: APEX GEOSCIENCE LTD.
200- 9797 45 AVE
EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
Account: TTB

Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Sample Description	Method Analyte Units LOR	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
J296502		40.5	5.93	1.15	<0.1	1.025	0.01	0.5	0.5	0.24	47	242	0.01	0.9	8.2	50
J296503		5.71	15.65	0.16	1.1	0.133	0.60	19.9	20.8	2.07	1280	1.57	0.62	5.1	71.5	900

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

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

To: APEX GEOSCIENCE LTD.
200- 9797 45 AVE
EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
Account: TTB

Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Sample Description	Method Analyte Units LOR	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
J296502		62.8	0.4	0.244	>10.0	15.20	0.3	147	43.6	17.2	<0.05	9.26	<0.2	0.007	1.03	1.0
J296503		10.0	25.2	0.004	0.81	1.53	18.3	2	3.5	119.0	0.32	0.24	3.0	0.381	0.23	0.8

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

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

ALS Minerals

To: APEX GEOSCIENCE LTD.
200- 9797 45 AVE
EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
Account: TTB

Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Sample Description	Method / Analyte / Units / LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Cu- OG62 Cu % 0.001	Zn- OG62 Zn % 0.001
J296502		12	1.2	0.6	240	0.5		
J296503		183	0.6	15.8	112	40.4		

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

ALS Canada Ltd.

2103 Dollarton Hwy
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To: APEX GEOSCIENCE LTD.
200- 9797 45 AVE
EDMONTON AB T6E 5V8

Finalized Date: 24- AUG- 2011
Account: TTB

Project: 99119

CERTIFICATE OF ANALYSIS VA11136283

Method	CERTIFICATE COMMENTS
ME- MS61	Interference: Ca> 10% on ICP- MS As,ICP- AES results shown.
ME- MS61	Interference: Mo> 400ppm on ICP- MS Cd,ICP- AES results shown.
ME- MS61	REE's may not be totally soluble in this method.

<u>APPENDIX 3</u>

2011 CORE SAMPLES SELECT ASSAY

2011 Chu Chua Core Resamples

Drill Hole	From (m)	To (m)	Interval (m)	Sample	Certificate	Cu (%)	Zn (%)	Ag (ppm)	Au (ppm)
CC-16	45	46	1	J296350	VA11136283	2.60	0.591	10.05	0.641
CC-16	46	47	1	J296351	VA11136283	1.51	0.467	7.43	0.524
CC-16	47	48	1	J296352	VA11136283	1.55	0.421	8.46	0.842
CC-16	48	49	1	J296353	VA11136283	2.13	0.627	8.64	0.716
CC-16	49	50	1	J296354	VA11136283	1.60	0.416	6.83	0.599
CC-16	50	51	1	J296355	VA11136283	0.74	0.175	6.16	0.647
CC-16	51	52	1	J296356	VA11136283	1.73	0.378	8.44	0.947
CC-16	52	53	1	J296357	VA11136283	1.48	0.136	5.71	0.7
CC-16	53	54	1	J296358	VA11136283	2.78	0.201	11	0.859
CC-16	54	55	1	J296359	VA11136283	0.86	0.136	5.65	0.646
CC-16	55	56	1	J296361	VA11136283	0.95	0.203	5.3	0.621
CC-16	56	57	1	J296362	VA11136283	2.82	0.498	7.37	0.606
CC-16	57	58	1	J296363	VA11136283	6.13	0.326	17.5	0.854
CC-16	58	59	1	J296364	VA11136283	6.21	0.437	16.5	0.712
CC-16	59	60	1	J296365	VA11136283	6.87	0.102	18.05	0.495
CC-16	60	61	1	J296366	VA11136283	7.75	0.584	22.7	0.806
CC-16	61	62	1	J296367	VA11136283	2.74	0.176	9.86	0.51
CC-16	62	62.6	0.6	J296368	VA11136283	4.13	1.445	13.3	0.731
CC-17	14.6	15	1	J296369	VA11136283	1.09	0.0935	11.6	0.873
CC-17	15	16	1	J296371	VA11136283	0.70	0.0632	8.17	0.664
CC-17	16	17	1	J296372	VA11136283	0.73	0.102	6.09	0.582
CC-17	17	18	1	J296373	VA11136283	1.32	0.0779	10.65	0.578
CC-17	18	19	1	J296374	VA11136283	0.99	0.0578	6.75	0.423
CC-17	19	20	1	J296375	VA11136283	1.78	0.0877	8.34	0.398
CC-17	20	21	1	J296376	VA11136283	2.83	0.142	16.95	0.023
CC-17	21	22	1	J296377	VA11136283	1.74	0.249	11.4	0.63
CC-17	22	23	1	J296378	VA11136283	0.98	0.469	6.46	0.909
CC-17	23	24	1	J296379	VA11136283	1.28	0.271	8.82	0.942
CC-17	24	25	1	J296380	VA11136283	1.24	0.152	8.89	0.837
CC-17	25	26	1	J296381	VA11136283	0.29	0.138	6.93	1.13
CC-17	26	27	1	J296382	VA11136283	0.90	0.45	6.4	0.904
CC-17	27	28	1	J296383	VA11136283	1.22	0.882	7.26	0.733
CC-17	28	29	1	J296384	VA11136283	0.87	0.593	7.91	1.23
CC-17	30	31	1	J296386	VA11136283	0.52	0.0566	6.24	1.11
CC-17	31	32	1	J296387	VA11136283	0.80	0.102	6.48	0.634
CC-17	32	33	1	J296388	VA11136283	0.96	0.212	9.94	1.15
CC-17	33	34	1	J296389	VA11136283	1.07	0.442	7.11	0.599
CC-17	34	35	1	J296391	VA11136283	1.11	0.372	7.74	0.681
CC-17	40	41	1	J296392	VA11136283	6.44	1.025	25.7	0.677
CC-17	41	42	1	J296393	VA11136283	6.85	0.956	25.1	0.543
CC-17	42	43	1	J296394	VA11136283	6.49	0.453	22.3	0.498
CC-17	43	44	1	J296395	VA11136283	1.09	0.231	3.92	0.092
CC-17	44	45	1	J296396	VA11136283	0.21	0.0224	1.75	0.149
CC-55	395	396	1	J296397	VA11136283	1.56	0.174	9.2	0.407
CC-55	396	397	1	J296398	VA11136283	0.65	0.0377	2.07	0.216
CC-55	397	398	1	J296399	VA11136283	3.45	0.303	10.05	1.28

2011 Chu Chua Core Resamples

Drill Hole	From (m)	To (m)	Interval (m)	Sample	Certificate	Cu (%)	Zn (%)	Ag (ppm)	Au (ppm)
CC-55	398	399	1	J296401	VA11136283	0.14	0.0305	0.37	0.024
CC-55	399	400	1	J296402	VA11136283	0.07	0.059	0.78	0.074
CC-55	400	401	1	J296403	VA11136283	0.11	0.192	0.47	0.032
CC-55	401	402	1	J296404	VA11136283	0.10	0.0327	0.61	0.033
CC-55	402	403	1	J296405	VA11136283	1.21	0.0533	3.8	0.417
CC-26	31.5	33	1	J296406	VA11136283	0.02	0.015	0.09	0.003
CC-26	33	34	1	J296407	VA11136283	3.40	0.0777	5.38	0.346
CC-26	34	35	1	J296408	VA11136283	1.06	0.0807	5.73	0.422
CC-26	35	36	1	J296409	VA11136283	1.06	0.042	3.89	0.243
CC-26	36	37	1	J296410	VA11136283	0.86	0.0223	2.73	0.223
CC-26	37	38	1	J296411	VA11136283	0.27	0.065	2.06	0.244
CC-26	38	39	1	J296412	VA11136283	0.17	0.0569	1.05	0.183
CC-26	39	40	1	J296413	VA11136283	0.13	0.106	1.04	0.143
CC-26	40	41	1	J296414	VA11136283	0.96	0.337	2.66	0.167
CC-26	41	42	1	J296415	VA11136283	0.04	0.0211	0.17	0.004
CC-26	42	43	1	J296416	VA11136283	0.02	0.0879	0.2	0.007
CC-26	43	44	1	J296417	VA11136283	0.16	0.104	0.34	0.01
CC-26	44	45	1	J296418	VA11136283	0.07	0.0876	0.25	0.012
CC-26	45	46	1	J296419	VA11136283	0.05	0.0236	0.2	0.006
CC-26	46	47	1	J296421	VA11136283	0.13	0.0469	0.34	0.02
CC-26	47.5	48	1	J296422	VA11136283	0.12	0.0461	0.29	0.016
CC-26	48	49	1	J296423	VA11136283	0.19	0.0483	0.41	0.031
CC-26	49	50	1	J296424	VA11136283	0.00	0.0182	0.18	0.001
CC-54	595.5	600.5	1	J296425	VA11136283	3.98	0.385	11.6	0.441
CC-54	600.5	601.5	1	J296426	VA11136283	3.26	0.634	11.3	0.536
CC-54	601.5	602.2	1	J296427	VA11136283	3.12	0.499	10.65	0.389
CC-54	610.2	611	1	J296428	VA11136283	0.04	0.0172	1.01	0.197
CC-54	611	612	1	J296429	VA11136283	0.08	0.0478	0.83	0.371
CC-54	612	613	1	J296431	VA11136283	0.12	0.114	1.44	0.274
CC-54	613	614	1	J296432	VA11136283	0.03	0.0561	0.32	0.057
CC-54	652.4	653	1	J296433	VA11136283	0.01	0.0132	0.12	0.007
CC-54	653	654	1	J296434	VA11136283	0.02	0.0509	0.51	0.226
CC-54	654	655	1	J296435	VA11136283	0.01	0.0183	0.25	0.046
CC-54	655	656	1	J296436	VA11136283	0.00	0.013	0.16	0.017
CC-54	656	657	1	J296437	VA11136283	0.02	0.0125	0.29	0.018
CC-54	657	658	1	J296438	VA11136283	0.02	0.023	0.28	0.027
CC-54	658	659	1	J296439	VA11136283	0.01	0.0101	0.08	0.009
CC-54	659	659.8	1	J296440	VA11136283	0.01	0.0083	0.14	0.01
CC-16	62.6	64	1	J296441	VA11136283	0.21	0.0485	1.7	0.118
CC-16	64	65	1	J296442	VA11136283	0.03	0.0069	0.33	0.021
CC-16	65	66	1	J296443	VA11136283	0.01	0.0082	0.13	0.014
CC-16	66	67	1	J296444	VA11136283	0.01	0.0058	0.13	0.017
CC-16	67	68	1	J296445	VA11136283	0.00	0.0057	0.07	0.01
CC-16	68	69	1	J296446	VA11136283	0.01	0.0079	0.13	0.014
CC-16	69	70	1	J296447	VA11136283	0.01	0.0243	0.14	0.013
CC-16	70	71	1	J296448	VA11136283	0.58	0.0656	2.2	0.088

2011 Chu Chua Core Resamples

Drill Hole	From (m)	To (m)	Interval (m)	Sample	Certificate	Cu (%)	Zn (%)	Ag (ppm)	Au (ppm)
CC-16	71	72	1	J296449	VA11136283	0.02	0.01	0.15	0.005
CC-21	193.5	194	1	J296451	VA11136283	0.97	0.0724	12.2	0.584
CC-21	194	195	1	J296452	VA11136283	0.77	0.0613	28	0.546
CC-21	200	201	1	J296453	VA11136283	0.48	0.409	2.7	0.252
CC-21	201 [1]	202 [1]	1	J296454	VA11136283	0.70	0.468	2.76	0.127
CC-21	205.5	206	1	J296455	VA11136283	1.45	0.171	6.03	0.172
CC-21	206	207	1	J296456	VA11136283	2.33	0.811	6.43	0.263
CC-21	207 [2]	208 [2]	1	J296457	VA11136283	3.84	1.13	9.19	0.305
CC-21	208	209	1	J296458	VA11136283	1.41	1.765	7.35	0.41
CC-21	209	210	1	J296459	VA11136283	1.71	0.804	6.74	0.303
CC-21	210 [3]	211 [3]	1	J296461	VA11136283	2.37	1.695	9.06	0.406
CC-21	211	212	1	J296462	VA11136283	1.85	0.977	6.44	0.299
CC-21	212	213	1	J296463	VA11136283	1.66	0.396	8.62	0.467
CC-21	213	214.4	1	J296464	VA11136283	2.54	0.598	9.61	0.595
CC-57	460	461	1	J296465	VA11136283	0.86	0.0435	5.25	1.035
CC-57	461	462	1	J296466	VA11136283	0.72	0.0394	4.58	0.931
CC-57	462	463	1	J296467	VA11136283	0.87	0.182	5.05	0.617
CC-57	463	464	1	J296468	VA11136283	0.58	0.0304	2.43	0.281

Note: [1] Missing 45cm within this interval, [2] Missing 30cm within this interval, [3] Missing 20cm within this interval

2011 Chu Chua Standard and Blank Samples

Drill Hole	Sample	Type	Certificate	Cu (%)	Zn (%)	Ag (ppm)	Au (ppm)
CC-16	J296360	Standard	VA11136283	0.41	0.27	50.5	0.325
CC-17	J296370	Blank	VA11136283	<0.01	<0.01	0.77	0.008
CC-17	J296390	Standard	VA11136283	0.44	0.28	53	0.335
CC-55	J296400	Blank	VA11136283	<0.01	<0.01	0.46	0.001
CC-26	J296420	Standard	VA11136283	0.41	0.28	53.3	0.355
CC-54	J296430	Blank	VA11136283	<0.01	<0.01	0.4	0.002
CC-21	J296450	Standard	VA11136283	0.39	0.26	50.2	0.375
CC-21	J296460	Blank	VA11136283	<0.01	<0.01	0.37	0.002

2011 Chu Chua Duplicate Samples

Drill Hole	From (m)	To (m)	Interval (m)	Duplicate	Sample	Cu (%)	Zn (%)	Ag (ppm)	Au (ppm)
CC-16	45	46	1	J296350	J296500	1.98	1.01	9.05	0.628
CC-17	24	25	1	J296380	J296501	1.12	0.28	9.43	0.81
CC-26	36	37	1	J296410	J296502	0.80	0.02	3.2	0.213
CC-54	659	659.8	1	J296440	J296503	0.03	0.01	0.19	0.016

2011 Chu Chua Standard and Blank Samples

Drill Hole	Sample	Type	Certificate	Cu (%)	Zn (%)	Pb (%)	Ag (ppm)	Au (ppm)
CC-16	J296360	Standard	VA11136283	0.411	0.27	0.211	50.5	0.325
CC-17	J296390	Standard	VA11136283	0.443	0.28	0.225	53	0.335
CC-26	J296420	Standard	VA11136283	0.413	0.28	0.216	53.3	0.355
CC-21	J296450	Standard	VA11136283	0.392*	0.26	0.202*	50.2	0.375

*Starred values indicate failure of a two standard deviation comparison with reference material

Drill Hole	Sample	Type	Certificate	Cu (%)	Zn (%)	Pb (%)	Ag (ppm)	Au (ppm)
CC-17	J296370	Blank	VA11136283	0.00378	0.005	0.00044	0.77	0.008
CC-55	J296400	Blank	VA11136283	0.00673	0.0051	0.00051	0.46	0.001
CC-54	J296430	Blank	VA11136283	0.00269	0.0043	0.00039	0.4	0.002
CC-21	J296460	Blank	VA11136283	0.00281	0.0044	0.00038	0.37	0.002

2011 Chu Chua Duplicate Samples

Assay Values of Sample Duplicates for Select Elements											
Drill Hole	From (m)	To (m)	Interval (m)	Sample Duplicate #	Primary Sample #	Certificate	Cu (%)	Zn (%)	Pb (ppm)	Ag (ppm)	Au (ppm)
CC-16	45	46	1	J296500	J296350	VA11136283	1.98	1.005	222	9.05	0.628
CC-17	24	25	1	J296501	J296380	VA11136283	1.115	0.278	161.5	9.43	0.81
CC-26	36	37	1	J296502	J296410	VA11136283	0.804	0.024	62.8	3.2	0.213
CC-54	659	659.8	1	J296503	J296440	VA11136283	0.0261	0.0112	10	0.19	0.016

Assay Values of Original Numbers Duplicated for Select Elements										
Drill Hole	From (m)	To (m)	Interval (m)	Primary Sample #	Certificate	Cu (%)	Zn (%)	Pb (ppm)	Ag (ppm)	Au (ppm)
CC-16	45	46	1	J296350	VA11136283	2.6	0.591	191	10.05	0.641
CC-17	24	25	1	J296380	VA11136283	1.24	0.152	167.5	8.89	0.837
CC-26	36	37	1	J296410	VA11136283	0.859	0.0223	60.3	2.73	0.223
CC-54	659	659.8	1	J296440	VA11136283	0.0143	0.0083	7.5	0.14	0.01

APPENDIX 4

2011 EXPLORATION EXPENDITURES

Chu Chua Project Summer 2011 Exploration Expenditures

	Date	Num	Description	Amount
Michael Dufresne - office				
	06/30/2011	2011-312	Principal Directly Involved Office - Michael Dufresne (May 22-June 21/11)	552.75
Total Michael Dufresne - office				552.75
Geological field work				
	07/29/2011	2011-372	Geological Services Performed Field - Bahram Bahrami (June 22-July 21/11)	4,950.00
	07/29/2011	2011-372	Geological Services Performed Field - Steven Hill (June 22-July 21/11)	3,575.00
	07/29/2011	2011-372	Geological Services Performed Field - Lowell Keenan (June 22-July 21/11)	3,575.00
Total Geological field work				12,100.00
Geological office work				
	06/30/2011	2011-312	Geological Services Performed Office - Bahram Bahrami (May 22-June 21/11)	3,640.00
	06/30/2011	2011-312	Geological Services Performed Office - Kris Raffle (May 22-June 21/11)	547.50
	06/30/2011	2011-312	Geological Services Performed Office - Chad Hayes (May 22-June 21/11)	1,230.75
	06/30/2011	2011-312	Geological Services Performed Office - Tara Gunson (May 22-June 21/11)	15.00
	07/29/2011	2011-372	Geological Services Performed Office - Bahram Bahrami (June 22-July 21/11)	4,014.50
	07/29/2011	2011-372	Geological Services Performed Office - Chad Hayes (June 22-July 21/11)	254.25
	07/29/2011	2011-372	Geological Services Performed Office - Kris Raffle (June 22-July 21/11)	2,400.00
Total Geological office work				12,102.00
Clerical				
	07/29/2011	2011-372	Clerical Services - Amber Aloisio (June 22-July 21/11)	60.00
Total Clerical				60.00
Overhead & management fee				
	07/29/2011	2011-372	Operator's overhead and management fee (10%)	775.19
Total Overhead & management fee				775.19
Rentals & other project income				
	07/29/2011	2011-372	APEX rental - truck	1,100.00
	07/29/2011	2011-372	APEX rental - 2 quads & trailer	2,200.00
	07/29/2011	2011-372	APEX rental - laptop, software, GPS's, compasses, sample bags, cards & tags & other consumables	1,000.00
Total Rentals & other project income				4,300.00

Chu Chua Project Summer 2011 Exploration Expenditures

	Date	Num	Description	Amount
Assays & related costs				
	07/04/2011	310713	Cdn Resource Laboratories: assays, July 4/11, inv 310713	199.43
	08/24/2011	2354227	ALS Canada: assay analysis, certificate VA11136283, Aug 24/11, inv 2354227	5,931.20
Total Assays & related costs				6,130.63
Field supplies				
	07/13/2011		Bahram Bahrami: supplies, July 6-11/11	198.63
	07/29/2011		Bahram Bahrami: supplies, July 13/11	11.99
Total 6080 · Field supplies				210.62
Freight - other				
	07/15/2011	2033831	Greyhound: freight, waybill 11593590175, July 6/11, inv 2033831	24.85
	07/29/2011		Bahram Bahrami: freight, July 12/11	26.35
	07/31/2011	2090430	Greyhound: freight, waybill 51737313596, July 16/11, inv 2090430	17.89
Total Freight - other				69.09
Freight - samples				
	07/31/2011	2090430	Greyhound: freight, waybill 51737313515, July 16/11, inv 2090430	91.25
Total Freight - samples				91.25
Rental - equipment				
	07/06/2011	M04017	Cansel: equipment rental, June 30-July 6/11, inv M04017	2,000.00
	07/13/2011	M04837	Cansel: equipment rental, July 7-13/11, inv M04837	2,000.00
	07/15/2011	M05046	Cansel: equipment rental credit, July 10-13/11, inv M05046	-350.00
	07/29/2011		Bahram Bahrami: pinfinder rental, July 12-18/11	70.00
Total Rental - equipment				3,720.00
Travel - accommodations				
	07/16/2011		Monte Carlo Motel: hotel, Steven Hill, Barriere, July 6-16/11	650.00
	07/16/2011		Monte Carlo Motel: hotel, Bahram Bahrami, Barriere, July 6-16/11	566.00
Total 6430 · Travel - accommodations				1,216.00
Travel - airfare/bus fare				
	07/13/2011		Bahram Bahrami: airfare, Vancouver/Kamloops, July 6/11	313.12
	07/13/2011		Bahram Bahrami: excess baggage fee, July 6/11	288.00
	07/29/2011		Bahram Bahrami: airfare, Kamloops/Vancouver, July 16/11	223.12
	07/29/2011		Bahram Bahrami: excess baggage fee, July 16/11	288.00
Total Travel - airfare/bus fare				1,112.24

Chu Chua Project Summer 2011 Exploration Expenditures

	Date	Num	Description	Amount
	07/13/2011		Bahram Bahrami: food, July 6-12/11	281.00
	07/27/2011		Steven Hill: food, July 6-16/11	275.19
	07/29/2011		Bahram Bahrami: food, July 13-16/11	254.41
Total 6450 · Travel - food				810.60
6460 · Travel - fuel				
	07/27/2011		Steven Hill: fuel, July 6-16/11	401.92
Total Travel - fuel				401.92
Travel - taxi, parking & other				
	07/13/2011		Bahram Bahrami: taxi, July 6/11	69.18
	07/27/2011		Steven Hill: parking, July 6 & 16/11	1.78
	07/29/2011		Bahram Bahrami: taxi, July 16-18/11	78.12
Total Travel - taxi, parking & other				149.08
Automotive expenses				
	07/27/2011		Steven Hill: tire repair, July 15/11	21.20
Total Automotive expenses				21.20
Telephone - Edmonton				
	07/16/2011		Monte Carlo Motel: phone charges, Bahram Bahrami, July 6-16/11	59.00
	08/04/2011	11552674	Allstream: long distance charges, July/11, inv 11552674	0.05
Total Telephone - Edmonton				59.05
			Total 2011 Chu Chua Expenditures	**$ 43,881.62**