

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

**ASSESSMENT REPORT
TITLE PAGE AND SUMMARY**

TITLE OF REPORT [type of survey(s)] Geochemical and Geophysical TOTAL COST \$22,000

AUTHOR(S) J. T. Shearer, M.Sc., P. Geol. SIGNATURE(S) 

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) _____ YEAR OF WORK _____

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) EVENT # 5393404

PROPERTY NAME Copper Queen South

CLAIM NAME(S) (on which work was done) Copper Queen One, Copper Queen Two, Copper Queen Three, Copper Queen Four, Copper Queen ~~Five~~ Seven, Copper Queen Eight, New Mastadon, One 642743

COMMODITIES SOUGHT Au/Ag/Pb/Cu/Zn

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN _____

MINING DIVISION Revelstoke M.D. NTS 82M11

LATITUDE 51° 14' " LONGITUDE 118° 12' " (at centre of work)

OWNER(S)

1) J. T. Shearer 2) _____
Signature Resources

MAILING ADDRESS

Unit 5-2330 TYNER ST
Pt Louisa BC V3C 2Z1

OPERATOR(S) [who paid for the work]

1) Same as Above 2) _____

MAILING ADDRESS

same as Above

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

The Claims are underlain by late Proterozoic to Early Paleozoic meta sedimentary and meta volcanic rocks. Mineralization consists of stratabound lenses of chalcopyrite + sphalerite in calcareous quartz-biotite schist, quartz-hornblende schist + chlorite schist.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS Assess Rpt 6235

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping _____			
Photo interpretation _____			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic _____		642 743	6 000
Electromagnetic _____			
Induced Polarization _____			
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
GEOCHEMICAL (number of samples analysed for ...)			
Soil _____		642 743	16 000
Silt _____			
Rock _____			
Other _____			
DRILLING (total metres; number of holes, size)			
Core _____			
Non-core _____			
RELATED TECHNICAL			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
PROSPECTING (scale, area) _____			
PREPARATORY/PHYSICAL			
Line/grid (kilometres) _____			
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			
			TOTAL COST 4 22,000

**SUMMARY REPORT
on the
COPPER QUEEN SOUTH PROPERTY
SOUTHEAST BRITISH COLUMBIA
CANADA**

**BC Geological Survey
Assessment Report
33792**

**NTS 82M/1
51°14'N Latitude, 118°12'W Longitude
EVENT # 5393404**

for

**SIGNAURE RESOURCES LTD.
Suite 602 - 595 Howe Street,
Vancouver, British Columbia
V6C 2T5
Phone: 604-629-7083**

by

**J. T. Shearer, M.Sc., P.Geo. (BC & Ontario)
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July 12, 2012

Work completed between January 10 and July 12, 2012

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SUMMARY

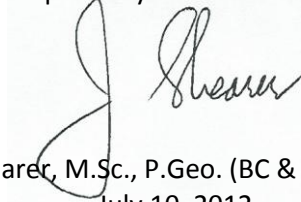
The Columbia Queen Property is located in the Big Bend area of the northern Selkirk Mountains of southeastern British Columbia, approximately 30 kilometres north of the town of Revelstoke. The property is centered at 51°14'N latitude and 118°12'W longitude on NTS map sheet 82M/1 in the Revelstoke Mining Division. The northern part of the property is accessible via logging roads that connect to the Carnes Creek forest service road. The rest of the property is best accessed with a helicopter. This includes the Copper Queen showings which are located on a steep west facing slope east of Revelstoke Lake.

The main mineral occurrence on the Columbia Queen property is the old Copper Queen showing that was probably found by prospectors in the early 1900's. This showing is hosted by Late Proterozoic or Early Paleozoic metasedimentary and metavolcanic rocks. The Copper Queen mineralization consists of stratabound disseminations and lenses of chalcopyrite, sphalerite, pyrite, malachite and azurite in weakly to moderately calcareous, quartz-biotite +/- muscovite schist, quartz hornblende-biotite schist and minor chlorite schist.

In August 2010, Signature Resources contracted Geotech Inc. to fly a helicopter-borne Versatile Time Domain Electromagnetic (VTEM) and aeromagnetic geophysical survey over the property. This work defined 3 areas of anomalous conductivity referred to in this report as the northeast, central and southeast anomalies. In early September the author and a two-person geochemical sampling crew under the direction of Craig Lynes of Rich River Exploration spent 6 days prospecting and soil, silt and rock geochemical sampling in the area covered by these anomalies. Although this work failed to locate any new showings or produce any significant soil anomalies that correspond with the area of elevated conductivity as defined by the VTEM survey, there is extensive cover in the area of the central and southeast anomalies and the possibility of a hidden or "blind" deposit that does not come to surface cannot be ruled out. The northeast anomaly appears to be due to the presence of Index Formation graphitic schists. The central and southeast anomalies are not as easily explained. No conductive rocks were noted on surface and the cause of the elevated conductivity remains unknown. More work is required to fully evaluate these areas.

The program in early 2012 showed a featureless ground magnetic response in the north of the property. The 2012 soil values ranged from 0.8ppm Ag to 0.1ppm Ag and 0.208ppm Au to <0.002ppm Au.

Respectfully submitted



J. T. Shearer, M.Sc., P.Geo. (BC & Ontario)

July 10, 2012

INTRODUCTION

This assessment report has been prepared at the request of Signature Resources Ltd. (“Signature” or the “Company”). The author has been asked to review all data pertaining to the property and to prepare a technical report that describes historical work completed on the property, reviews the results of recent airborne geophysical and geochemical surveys and makes recommendations for further work.

PROPERTY DESCRIPTION and LOCATION

The Columbia Queen Property is located in the Big Bend area of the northern Selkirk Mountains of southeastern British Columbia, approximately 30 kilometres north of the town of Revelstoke. The property is centered at 51°14'N latitude and 118°12'W longitude on NTS map sheet 82M/1 in the Revelstoke Mining Division.

MINERAL TENURES

The mineral tenures comprising the Columbia Queen property are shown in Figure 2 and listed in Table 1. The claim map shown in Figure 2 was generated from GIS spatial data downloaded from the Government of BC, Integrated Land Management Branch (ILMB), Land and Resource Data Warehouse (LRDW) data discovery and retrieval system (<http://archive.ilmb.gov.bc.ca/lrdw/>). These spatial layers are generated by the Mineral-Titles-Online (MTO) electronic staking system that is used to locate and record mineral tenures in British Columbia.

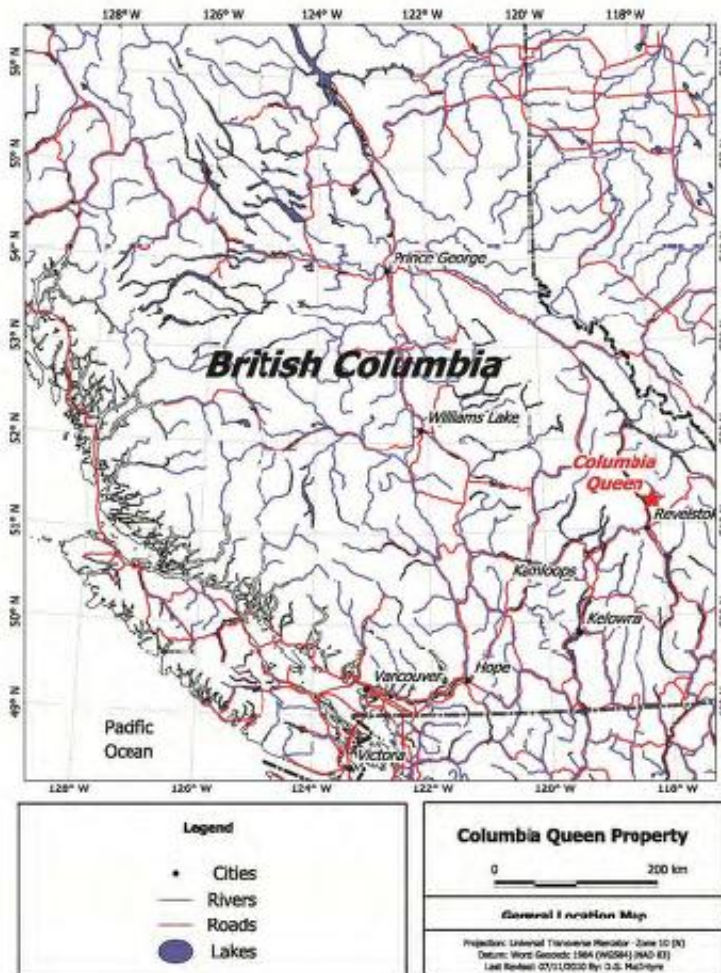


Figure 1. General location map, Columbia Queen Property, southern British Columbia.

Claim details given in Table 1 were obtained using an online mineral tenure search engine available on the Province of BC Mineral Tenures Online web site. All claims listed in the table are in the Revelstoke Mining Division within NTS map sheet 82M/01E and BC Map Sheets 82M029, 82M030 and 82M040.

TABLE 1
List of Claims

Claim Name	Tenure Number	Area (ha)	Date Located	Current Anniversary Date	Owner
	507526	991.45	February 19, 2005	July 31, 2018	J. T. Shearer
Copper Queen One	642743	465.37	September 28, 2009	July 31, 2018	J. T. Shearer
Copper Queen Two	642763	505.90	September 28, 2009	July 31, 2018	J. T. Shearer
Copper Queen Three	642783	505.67	September 28, 2009	July 31, 2018	J. T. Shearer
Copper Queen Four	678843	505.50	December 3, 2009	July 31, 2018	J. T. Shearer
Copper Queen Seven	832169	505.60	August 26, 2010	July 31, 2016	J. T. Shearer
Copper Queen Eight	832356	505.43	August 28, 2010	July 31, 2016	J. T. Shearer
New Mastadon One	840470	20.23	December 9, 2010	July 31, 2016	J. T. Shearer

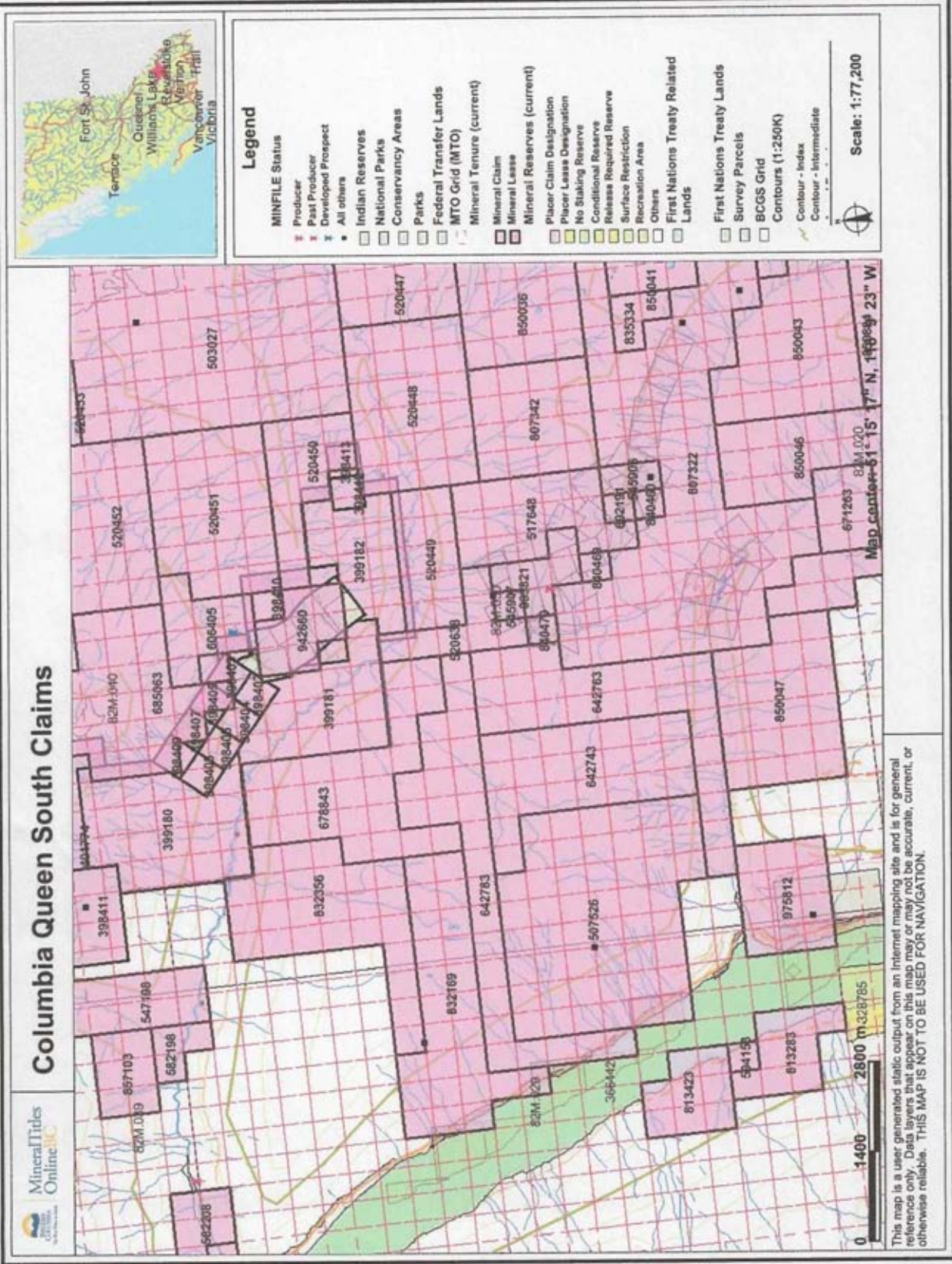
Total 4,005.15 ha

Under the present status of mineral claims in British Columbia, the consideration of industrial minerals requires careful designation of the product end use. An industrial mineral is a rock or naturally occurring substance that can be mined and processed for its unique qualities and used for industrial purposes (as defined in the *Mineral Tenure Act*). It does not include "Quarry Resources". Quarry Resources includes earth, soil, marl, peat, sand and gravel, and rock, rip-rap and stone products that are used for construction purposes (as defined in the *Land Act*). Construction means the use of rock or other natural substances for roads, buildings, berms, breakwaters, runways, rip-rap and fills and includes crushed rock. Dimension stone means any rock or stone product that is cut or split on two or more sides, but does not include crushed rock.

Claims require \$4 of assessment work per ha (or cash-in-lieu) each of the first three years and \$8 per ha each year after.

Environmental Liabilities

There has not been any mining or other exploration related physical disturbances, such as trenching or road building, done on the Columbia Queen property to date. Any previous clearings for drill sites have long since grown over. All of the roads on the property have been built to support logging activities and are not the responsibility of the tenure holders. The author is not aware of any environmental issues or liabilities related to historical exploration activities that would have an impact on future exploration of the property.



ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Copper Queen Property is located in the Big Bend area of the northern Selkirk Mountains of southeastern British Columbia, approximately 30 kilometres north of the town of Revelstoke. Revelstoke is on the Transcanada Highway about 6 hours driving time from Vancouver, British Columbia. Access from Revelstoke is via the Big Bend Highway (Highway 23) past La Forme Creek where logging roads provide access to the southwestern part of the property and northward to the next major drainage of Carne Creek where a network of logging roads provides access to the northernmost claims.

To date, the only significant mineral occurrence discovered on the Columbia Queen property is the old Copper Queen showing. This showing is located on a steep and rugged, tree covered slope which rises from 800 metres on the east side of Revelstoke Lake to 1860 metres on a ridge in the northern part of the property. The property is cut by a number of northeasterly trending steep sided gullies, and locally extensive slide areas.

The Copper Queen showings are most easily accessed using a helicopter. Unfortunately the only landing site, which is located up slope from the showings, has become overgrown with short bushes and tall grass. This makes landing a helicopter at this site more challenging. The landing site will need to be de-brushed if any additional work is done on the showings.

The property is situated in the interior rain belt which supports dense stands of cedar, hemlock, balsam and spruce with local areas of dense slide alder and devils club.

Temperatures range from -15°C in the winter to +30°C in the summer. Thick accumulations of snow occur from November to May.

HISTORY

The following description of the history of the Columbia Queen (Copper Queen) property is modified from an earlier technical report by Dr. Peter Christopher (Christopher, 1999).

The Mastodon zinc-lead-silver deposits, about 4 km east of the Copper Queen prospect, were discovered in 1898, and prospectors of the time probably knew of the malachite stained cliff at the Copper Queen. The first work on the Copper Queen was reported in the early 1900's, and sometime before 1965 three drill holes tested the showings, but no records of the results of this work were recorded.

In 1966, the S Group, consisting of 60 two-post claims, was staked for Clearwater Mines Ltd. of Bathurst, N.B. Clearwater used five diamond drill holes, totalling 434.34 metres (1,425 feet), to test the occurrence. Holes CQ-1 and CQ-2 were collared on a bench approximately 300m to the east of the showings, but apparently failed to reach bedrock. Holes CQ-3, CQ-4, and CQ-5 were collared at an old drill site just above the main showings and fan drilled on a N20°W section line from a single setup. All three holes had intersections of copper and zinc mineralization over significant core lengths. Hole CQ-3 (a vertical hole) was reported to be well mineralized from 34.14m (112ft) to about 62.8m (206ft), but only visual estimates of grade were reported (George Cross Newsletter No. 114, June 14, 1966; Certificate of Work filed Feb. 7, 1967). Hole CQ-4 contained intersections from 51.8m to 62.5m (170ft to 205ft) and 68.6m to 82.3m (225ft to 270ft) averaging 0.6% Cu and 0.47% Cu, respectively (George Cross Newsletter No. 131, July 8, 1966). Hole CQ-5 was reported to contain a 29.9m (98ft) section between 57.0m to 86.9m (187ft to 285ft) with grades running between 0.45% Cu and 1.14% Cu (George Cross Newsletter No. 137, July 18, 1966). This intersection was reported to have a true width of 18.3m (60ft). Grid drilling, reported to be planned by Clearwater, was never undertaken.

In 1976 Kerr Addison Mines Ltd. held the property and conducted a program of soil and silt sampling and geological mapping which defined a northwest-southeast trending coincident copper, zinc and lead soil anomaly with a 600 metre length on the CC9 claim. The anomalous trend was open to the southeast. The Copper Queen showing was mapped as a 6 metre thick layer of calcareous metavolcanic rocks with malachite, sphalerite, chalcopyrite, and pyrite mineralization (Lund and Hajek, 1976). Kerr Addison drilled four BQ holes totalling 775.3 metres on units 13 and 14 of the CC9 claim, but specific locations and results were not reported (Exploration in B.C. 1977, pp. E66-E67).

In 1999, the management of Orphan Boy Resources Inc. recognized that the Copper Queen prospect was unstaked. The CQ 1 and CQ 2 claims were staked in July for Orphan Boy and Crest Geological Consultants retained to conduct an exploration program. During the period July to October 1999, an exploration program, consisting of 8.5 km of flagged grid lines with 25m stations on lines spaced at 50m to 150m, collection and analyzing of 312 soil samples and 16 rock samples, limited geological mapping and prospecting, was conducted at a cost of \$32,500 (Payne, 1999). Geochemical samples were analyzed for 36 elements by ICP and mass spectrometry techniques at Acme Analytical Laboratories Ltd. This sampling resulted in the delineation of strong Cu and Zn soil anomalies down slope from the Copper Queen showings.

REGIONAL GEOLOGY

The following description of the regional geology is extracted from an earlier qualifying report by Dr. P.A. Christopher (1999).

The Big Bend area of the Northern Selkirk Mountains, part of the eastern marginal area of the Omineca Tectonic Belt, is situated between the fold and thrust-fault belt of the southern Canadian Rockies on the East, and the Shuswap Metamorphic Complex in the west (Figure 3). The Big Bend area is underlain by strongly deformed Neoproterozoic to Late Paleozoic metasedimentary and metavolcanic rocks of the Kootenay Terrane which have been intruded by a number of granitic plutons. The Shuswap Complex is separated from the rocks of the Big Bend area by the east-dipping normal Columbia River fault zone, a major extensional fault of Eocene age.

The northern Selkirk Mountains form part of a large, tectonically transported block (allochthon) that was displaced eastward along the Monashee decollement (shallow slide or fault zone) for 200 to 300 kilometres (Brown et al., 1986). The sliding resulted in a complex pattern of folding and faulting that is dominated to the east of the Downie Creek and Standfast Creek faults by the northwest trending Selkirk fan structure. The Selkirk fan is terminated in the Rocky Mountain fold and thrust belt by the northeast-verging Purcell thrust.

The majority of the known mineral occurrences in the Big Bend area are situated west of the Selkirk Fan structure axis and to the west of the Downie Creek and Standfast fault systems. Recent government mapping studies (Logan and Drobe, 1994; Logan et al., 1995, 1996) and university thesis projects (Lane, 1977 and 1984; McKinlay, 1987) have provided definition to the areas stratigraphy as outlined by earlier workers (Gunning, 1929; Wheeler, 1965; and Höy, 1979). The stratigraphy of the zone has been summarized by Logan and Colpron (1995) as shown in Figure 4. Proterozoic rocks are represented by metasedimentary rocks of the Horsethief Creek Group, and Lower Paleozoic rocks are represented by metasedimentary and metavolcanic rocks of the Hamill Group overlain by Badshot Formation and in turn by metasedimentary and metavolcanic rocks of the Lardeau Group. The lithologic similarities between the Horsethief Creek, Hamill and Lardeau groups, and intense deformation and metamorphism have complicated both local and regional correlation.

The Horsethief Creek Group in the northern Selkirk Mountains has been subdivided into three members by Brown et al. (1977, 1978): the lower pelitic, middle marble, and upper pelitic members with further subdivision of the upper pelitic member into three assemblages.

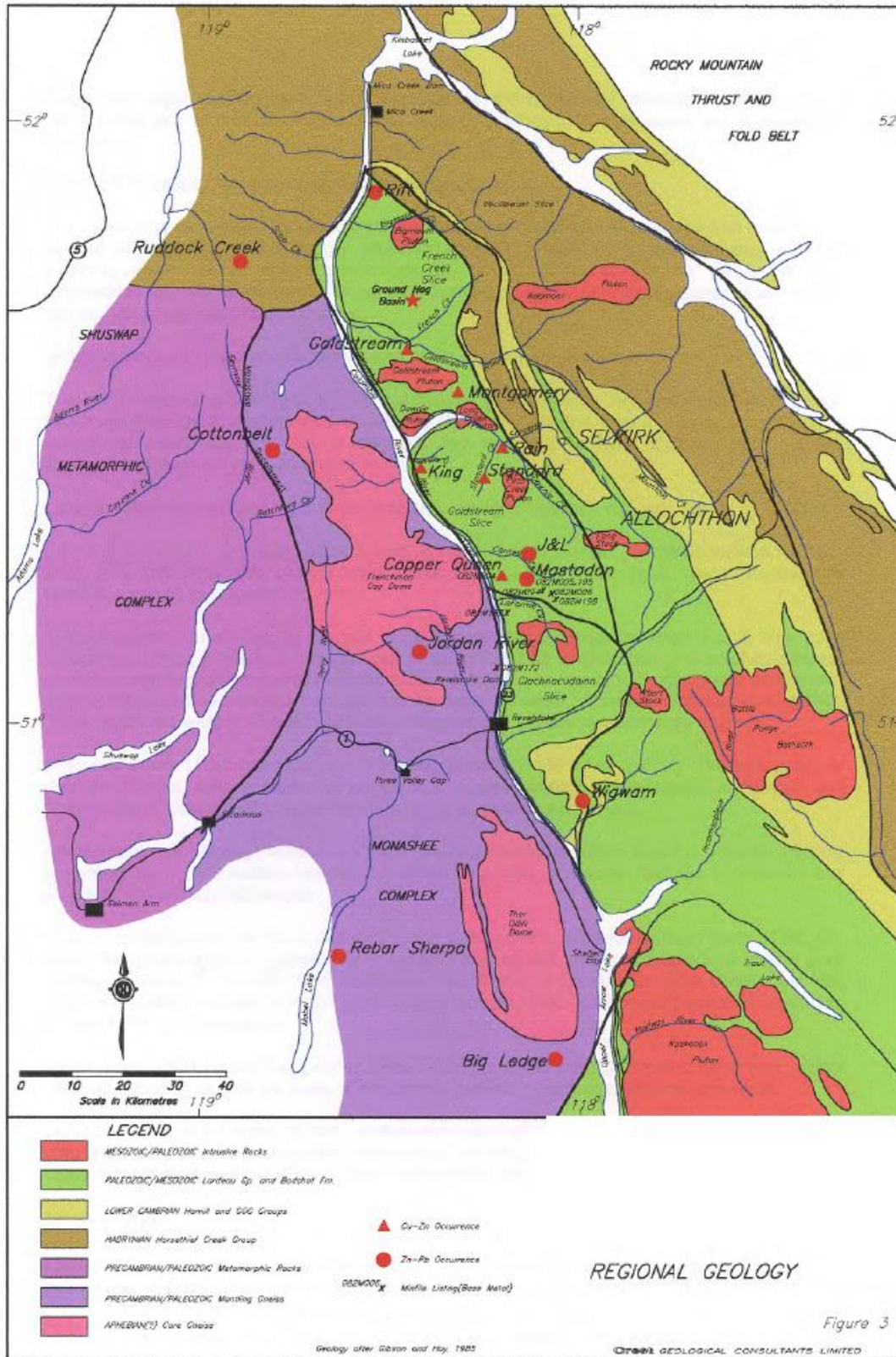


Figure 3. Regional geology, Columbia Queen (Copper Queen) Property. Geology after Gibson and Höy, 1985. Cartography by Crest Geological Consultants Ltd. for Orphan Boy Resources Inc.

BIG BEND STRATIGRAPHY

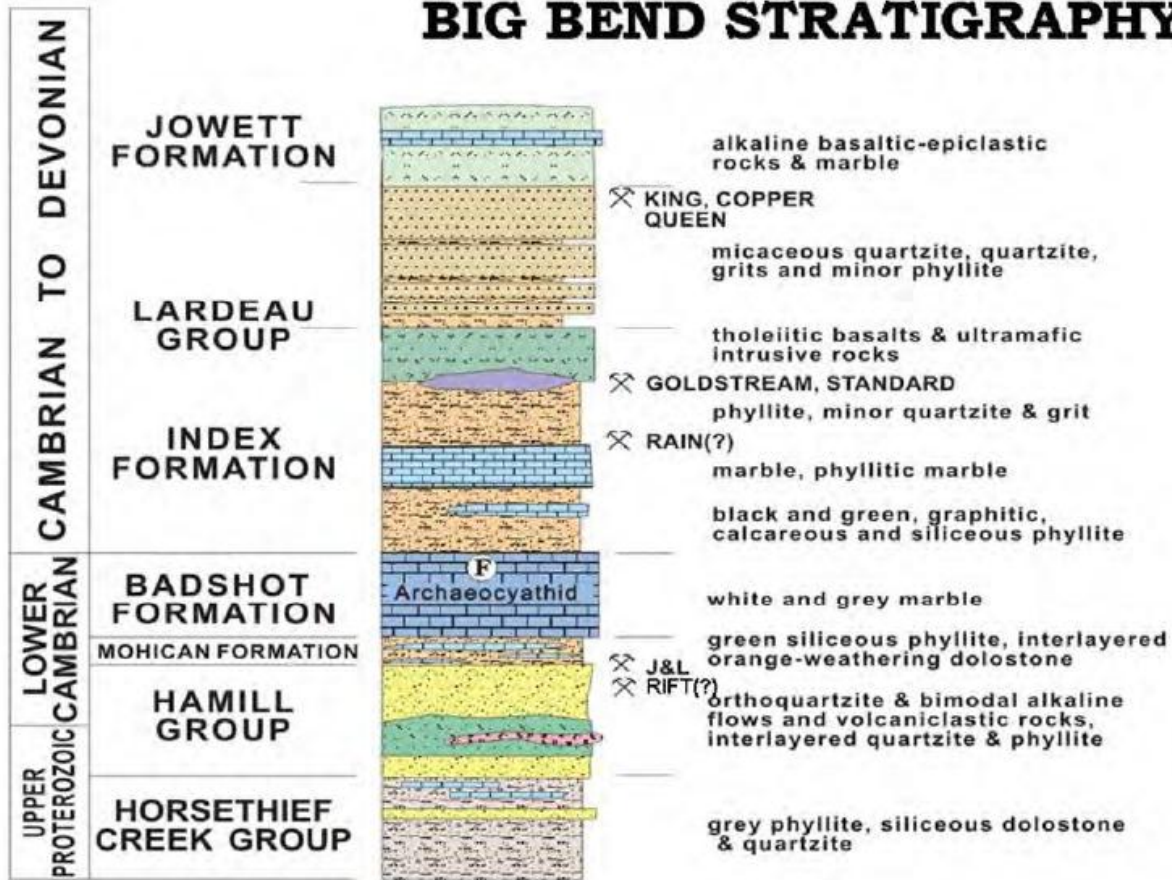


Figure 4. Stratigraphic column for the Big Bend area showing possible stratigraphic position of major mineral occurrences.

The early Cambrian or Eocambrian Hamill Group in the northern Selkirk Mountains has been separated by Devlin (1989) into three stratigraphic divisions - a lower sandstone unit; a greenstone and graded sandstone unit; and an upper sandstone unit. The lower two divisions were mapped by Logan and Calpron (1995) in the core of four southwest-verging synclines in the eastern half of the Goldstream River map area.

The late Lower Cambrian Badshot Formation consists of massive white and grey marble, and buff dolostone. The massive carbonate exposed in the core of the Goldstream anticline, west of the Goldstream mine, is considered by Logan and Calpron (1995) to be similar to and possibly correlative with Archaeocyathid-bearing Badshot Formation which has been mapped in the Lardeau area to the south (Wheeler, 1963; Read and Brown, 1979). The massive carbonate forming Downie Peak was mapped by Wheeler (1965) as Badshot Formation, but stratigraphy and facing directions lead Logan and Drobe (1994) to map this carbonate as part of the younger Index Formation.

The Lardeau Group conformably overlies the Badshot Formation and is unconformably overlain by the Milford Group (Read and Wheeler, 1976). In the Ferguson-Trout Lake Area, Fyles and Eastwood (1962) have recognized six formations within the Lardeau Group and in ascending stratigraphic order these are: dark grey and green phyllite of the Index Formation; black siliceous argillite of the Triune Formation; grey quartzite of the Ajax Formation; grey siliceous argillite of the Sharon Creek Formation; volcanic rocks of the Jowett Formation; and grey and green quartz-feldspar grit and phyllite of the Broadview Formation. In the Big Bend Area, Logan et al., (1995, 1996) and Logan and Rees (1997) have mapped stratigraphy which

correlates with the Index Formation, Jowett Formation, and possibly Broadview Formation. Black phyllite and quartzite overlain by micaceous quartzite, quartzite and grit occupy the stratigraphic interval between the Index Formation and Jowett Formation in the Downie Creek Area, but are not lithological equivalent to the Triune, Ajax or Sharon Creek formations which occupy this stratigraphic interval in Kootenay terrane to the south (Logan et al., 1996).

Paleozoic intrusive rocks include the Downie Creek Gneiss and the Clachnacudainn Gneiss. The gneissic intrusive rocks have been subjected to all three phases of deformation and were dated by U-Pb in zircon at about 360 Ma.

A number of Mesozoic plutons have been intruded in to the Big Bend Area, and include the Battle Range batholith, Albert stock, Fang stock, Plass Creek pluton, Goldstream pluton, and Adamant pluton. The Mesozoic plutons are compositionally similar and coeval with the Bayonne Plutonic Suite of southeastern British Columbia (Logan and Rees, 1997).

Three phases of folding and numerous major fault structures have affected the Big Bend area. The structure of the Goldstream area is dominated by tight isoclinal north-trending Phase 2 folds (Höy, 1979). The Phase 2 folds may have developed in an inverted panel of rocks which may be the underlimb of an earlier Phase 1 nappe (faulted overturned fold). Phase 3 fold structures generally consist of minor small-scale chevron and kink folds with the exception of the Goldstream Mine area where a large scale Phase 3 fold forms a Z shaped map pattern (Gibson, 1999).

The existence of Phase 1 fold structures is based on a number of top determinations in grits (Lane, 1977) which indicate an inverted stratigraphic panel. A number of features within the Goldstream deposit on the north limb of the Phase 2 Downie antiform suggested to Höy (1979) that the deposit is inverted, and part of the underlimb of an early (Phase 1) nappe.

Mineral Deposits of the Big Bend Area

Placer gold deposits in the Big Bend area have been worked along the Columbia River near the junction of the Goldstream River (B.C. MI 82M-92; 97), along the Goldstream River and its southwest flowing tributaries including Graham (B.C. MI 82M-79), McCulloch (B.C. MI 82M-81), and French (B.C. MI 82M-103) creeks. Placer gold was also discovered in Carnes Creek which drains the area of the precious metal enhanced J & L (B.C. MI-82M-3) massive sulphide deposit and Roseberry gold prospect (B.C. MI-82M-91).

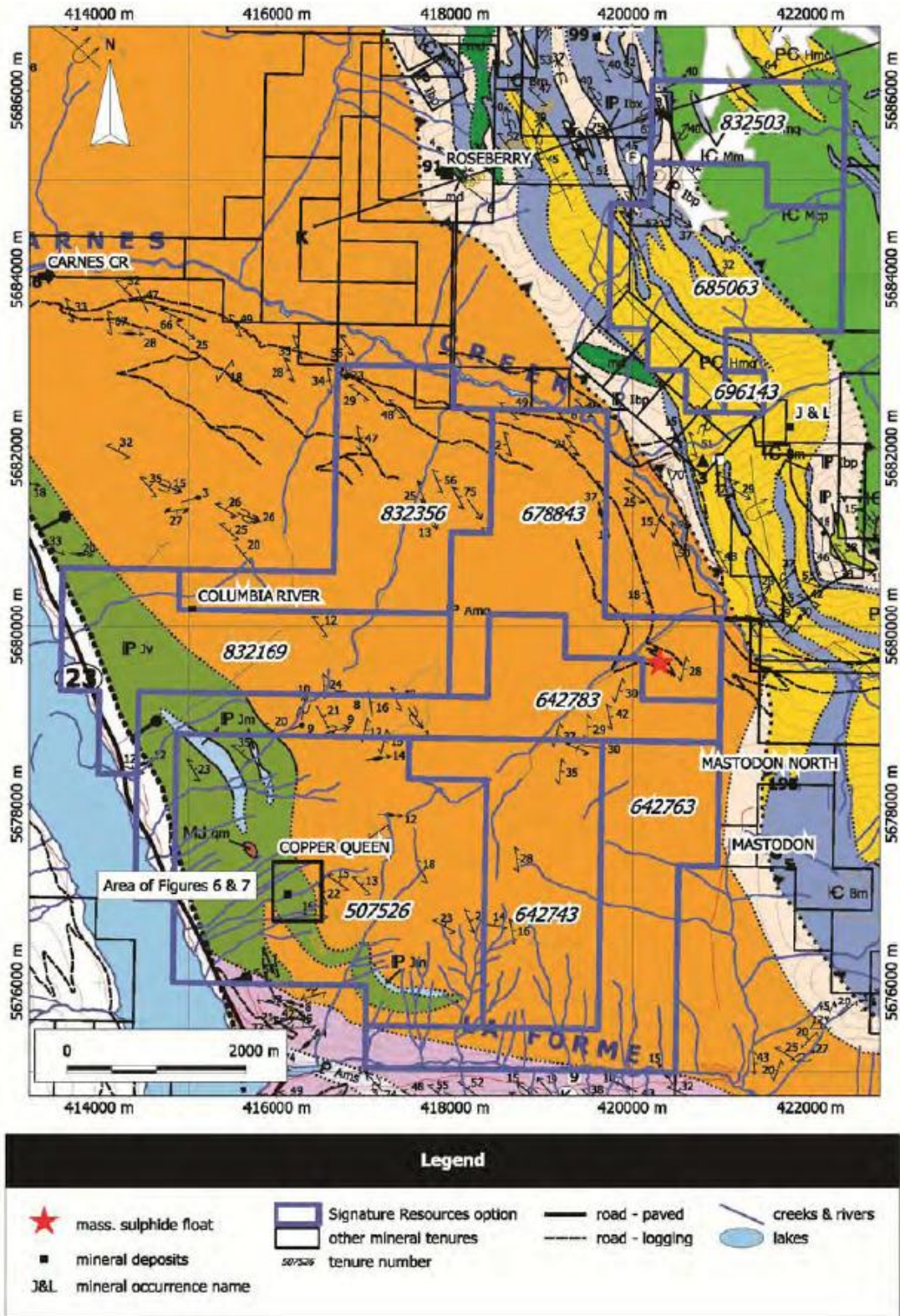


Figure 5. Geology of the Columbia Queen property. Geology after Logan et al., 1996a. Signature Resources mineral tenures are outlined in dark blue. For unit descriptions see geological legend on the following page.

INTRUSIVE ROCKS

LATE CRETACEOUS (?)

DOWNIE STOCK

LK g Muscovite biotite leucogranite, locally garnet bearing

EARLY CRETACEOUS

LONG CREEK STOCK, SALE CREEK STOCK

EK mg Hornblende biotite quartz monzonite, biotite granite, locally potassium feldspar megacrystic granite

CRETACEOUS (?)

K d Biotite hornblende diorite

MIDDLE JURASSIC

PASS CREEK PLUTON

MJ an Potassium feldspar megacrystic, hornblende-biotite quartz monzonite

EARLY MISSISSIPPIAN

DOWNIE CREEK GNEISS, CLACHNACUDDAINN GNEISS

EM gn Foliated biotite granite, quartz monzonite and granulite gneiss

AGE UNCERTAIN

ul Ultrabasic intrusions, talc schist, serpentinite

met Metacarbonate, metabasite

LAYERED ROCKS

CAMBRIAN (?) TO DEVONIAN (?)

LARDEAN GROUP

P L Undivided graphitic phyllite, micaceous quartzite, marble and gneiss

JOWETT FORMATION

P Jv Dark green actinolite schist, green phyllite, includes white and grey dolomitic marble (JP Jm)

AKOLKOLEX FORMATION

P Ag Interbedded grit and dark grey phyllite, minor dark grey marble

P Amc Micaceous quartzite and interbedded rusty-weathering phyllite, quartz-feldspar grit, muscovite-quartz (biotite-bearing) schist

INDEX FORMATION

P Ig Light green phyllite, quartz grit, minor phyllitic carbonate

P Iv Green, mafic metavolcanic flows; includes massive and pillowed breccia flows, dioritic sills and minor green phyllite

P Irl Light grey marble, buff-weathering dolomitic marble and phyllitic carbonate

P Ibp Graphitic phyllite, dark grey to black calcareous phyllite, minor dark grey limestone

P Ibv White orthoquartzite breccia

LOWER CAMBRIAN

BADSHOT FORMATION

IC Bm Light grey and white dolomitic marble; includes oolitic breccia unit (IC Bbg)

MOHICAN FORMATION

IC Mra Light green siliceous phyllite, micaceous quartzite and calcareous quartz grit intercalated with orange-weathering dolomite

IC Mba Light green siliceous phyllite intercalated with orange-weathering dolomite, minor micaceous quartzite; includes light grey marble units (IC Mra) and light green volcanoclastic rocks (IC Mv)

NEOPROTEROZOIC TO LOWER CAMBRIAN

HAMELL GROUP

PC Hfp Massive and amygdaloidal mafic metavolcanic flow and epilitic rocks, minor intermediate metavolcanic rocks

PC Hq Massive and cross-bedded white quartzite, light grey to light green micaceous quartzite, medium to coarse-grained quartz grit, intercalated with grey and green phyllite

PC Hmg Light grey and brown, finely laminated micaceous quartzite inter-layered with green and dark grey phyllite, minor brown-weathering carbonates

NEOPROTEROZOIC

HORSETHIEP CREEK GROUP

P Hcd Buff-weathering phyllitic dolomite, interlayered with tan-weathering phyllite and minor pink quartzite

P HCgp Medium to dark green phyllite, locally interbedded with thin, brown dolomite

P HCp Brown-weathering, grey and green phyllite interlayered with pink and green siliceous quartzite and brown siliceous dolomite

UNDIVIDED METASEDIMENTS

P Am Silimanite, kyanite and amphibole-bearing quartzite, amphibole and calcareous schist

PROTEROZOIC (?) - PALEOZOIC (?)

MONASHEE COMPLEX

P mn Amphibole-bearing pegmatitic gneiss and micaceous schist; minor calcisilicate

Paleozoic rocks, host to most of the numerous volcanogenic massive sulphide (VMS) and replacement zinc-lead deposits in the Big Bend area, occur in a NNW trending zone situated between the Columbia River fault and the Downie Creek-Standfast Creek fault system. Major mineral deposits of the area are stratabound, and similar to the Besshi deposits of Japan and the Kieslager or bedded cupriferous iron sulphide class (Höy et al., 1984). Others such as the Rift and J&L have similarities to the sedimentary exhalative (SEDEX) class of deposits, particular those of the Irish subclass. The Mastodon carbonate replacement deposits have similarities to the Mississippi Valley type Pb-Zn deposits.

The Index Formation has been recognized as the host formation for the Goldstream Mine, and Montgomery, Brew, Rain and Standard VMS prospects. The J & L deposit has been mapped at the contact of Hamill Group and Mohican Formation rocks with replacement zinc-lead deposits like Mastodon occurring in the Badshot Formation. Stratigraphic locations of mineral deposits of the Big Bend area are summarized on Figure 4.

In the Goldstream area, a spessartine garnet-bearing, pyrrhotite-rich, thinly laminated graphitic unit, called the "garnet-zone", occurs in the structural hanging wall of the massive sulphide layer. It is interpreted by Höy et al. (1984) to be a metamorphosed exhalite manganese-iron-rich seafloor hydrothermal precipitate. Iron-manganesesilica-rich horizons and the metamorphic equivalents are important exploration guides in the Big Bend area which adds manganese to base and precious metals as pathfinders for VMS deposits of the Big Bend area.

PROPERTY GEOLOGY

The geology of the Columbia Queen property has been mapped by Lund and Hajek (1976); Logan et al. (1996); Logan and Rees (1997); and Payne (1999). Much of this was incorporated into a compilation map by Logan et al. (1996a). This map is shown in Figure 5.

According to mapping by Payne (1999), the Copper Queen showing area of the Columbia Queen property is underlain by a north to northwest striking, shallow to moderately east to northeast dipping sequence consisting of 6 metamorphic units which have been intruded by a small granitic plug (Figure 6). The metamorphic rocks consist of quartz-feldspar gneiss/schist (Unit 1) which is overlain by a thick sequence consisting of quartz amphibole schist (Unit 3), quartz chlorite schist (Unit 4), and quartz biotite schist (Unit 5) schist with interbeds and lenses of marble (Unit 2). The above sequence is overlain by and intercalated with quartz rich sericite-muscovite +/-chlorite schist (Unit 6). A small plug of porphyritic biotite hornblende quartz monzonite (Unit 9) has been mapped between grid lines 101 and 102N (Payne, 1999).

The stratigraphic position of the Copper Queen occurrence has been placed by Logan et al. (1996a) in the Cambrian to Devonian, Upper Lardeau Group at or near the base of the Jowett Formation (Figure 4).

The sequence of rocks is offset by east-northeast oriented fault structures, and in the northeast corner of the grid, structural readings indicate a synform with an axis plunging to the northeast (Payne, 1999).

MINERALIZATION

As mentioned above, the Copper Queen occurrence consists of disseminations and lenses of chalcopyrite, sphalerite, pyrite, malachite and azurite in weakly to moderately calcareous, quartz-biotite +/- muscovite schist, quartz hornblende-biotite schist and minor chlorite schist.

At L95N, 98+15E, Payne (1999) mapped a 50cm thick marble horizon between an overlying >3 metre chloritic and calcareous quartz-biotite schist (Unit 5) and underlain by >2.5 metres of calcareous chlorite schist (Unit 4). These units contained lenses of chalcopyrite, sphalerite and pyrite to 5% and locally >8% (Payne, 1999).

Eleven of the sixteen rock grab samples reported by Payne (1999) were from the Copper Queen grid, and five rock samples were collected along new logging roads to the southeast. The 1999 rock samples confirm reported anomalous copper, zinc and silver values from 1966 and 1976 sampling programs. Copper and zinc values in rock samples from the grid area range from 1259.52 ppm to the upper detection limit of 99999 ppm (10% Cu), and 107.8 ppm to 73428.0 ppm (7.3%) Zn, respectively. Silver values in rock samples from the grid area range from 334 ppb to the upper detection limit of 99999 ppb with the samples with the three strongest copper responses also containing greater than 99999 ppb silver. The three samples with the strongest copper and silver values also contained anomalous gold contents between 262.0 ppb and 645.8 ppb. A list of the 1999 rock geochemical results for selected elements is presented in Table 2. Sample locations are shown on Figure 6.

Table 2. Rock geochemical results - 1999 sampling program (Payne, 1999).

Sample #	UTM E	UTM N	Cu ppm	Pb ppm	Zn ppm	Cd ppm	Ag ppb	Au ppb	Hg ppb	Fe%	S%
10740	415934	5677328	7353.74	9.55	601.2	3.88	1164	2.7	5	3.42	0.64
10782	416134	6576978	>99999	52.68	5337.4	30.31	>99999	645.8	59	17.84	2.99
10783	415851	5676195	364.36	15.59	117.8	0.24	686	14	5	6.77	0.94
10784	416011	5676107	117.61	14.29	41.9	0.12	161	0.2	5	5.1	2.59
10785	415626	5676077	108.84	11.89	40.7	0.04	165	9	5	7.45	1.45
14806	415787	5677594	1259.52	4.62	107.8	0.18	374	4.9	5	4.99	0.1
14807	415917	5677341	3201.52	15.95	857.3	2.37	611	0.7	9	3.61	0.21
14808	415985	5677237	2852.42	4.555	813	1.8	334	1.1	15	5.85	0.23
14809	416019	5677171	2022.62	3.59	242.2	0.49	2439	41.2	45	4.54	0.69
14810	416108	5676990	82575.81	16.83	3813.3	29.57	>99999	432.6	274	24.13	3.96
14811	416120	5676985	64097.35	2175.81	73428	348.71	39642	227.6	455	12.3	1.99
14812	415840	5676233	759.32	18.25	552.8	2.56	873	1.6	5	9.05	5.58
14813	416046	5676080	140.95	11.17	77.5	0.29	330	0.2	6	5.74	0.32
14863	416130	5677006	>99999	12.32	5925.3	34.17	>99999	362	162	17.9	4.07
14864	415968	5677215	4286.86	12.31	387.9	0.58	1941	9.4	81	8.02	2.71
14865	415907	5677287	23875.81	4.1	51459.4	308.12	3618	32.2	2630	7.7	4.37

Rock sample 14806, a grab sample of mineralized quartz hornblende-biotite schist containing malachite, chalcopyrite, and pyrite from the most northwesterly grid line, contained 1259.52 ppm Cu, and suggests that the mineralized horizons continue beyond the grid to the northwest.

As part of the 1999 work program, Crest Geological Consultants did soil sampling in the area of the Copper Queen showings. This work involved the collection of 314 soil samples from the B soil horizon at 25m intervals along lines spaced from 50m to 150m apart (Figure 6). Zinc values in soils range from 24.2 ppm to

4137.5 ppm and copper values range from 5.74 ppm to 1223.74. Anomalous values over 400 ppm are coincident with the anomalous copper zone. Elevated zinc values extend to the northwest end of the grid. Anomalous values, over 120 ppm copper, occur in a northwest-southeast oriented anomaly which is over 400 metres long and up to 100 metres wide.

EXPLORATION 2012

Majority of the reconnaissance mapping and sampling surveys were conducted in the area of the massive sulphide float discovered in 2010. Other than along higher elevations, the property has very limited rock exposure and much of the area is heavily forested with steep slopes. Fortunately, a logging road where the sulphide float was found affords a good section of exposed bedrock and lends itself to limited mapping and sampling.

The significant sulphide, gold-bearing float sample discovered in 2010, and tagged with number 'CQCR06', (Figure 2) contained 6.17 gm/t Au associated with massive arsenopyrite (>1% As). The float sample was located during the reconnaissance surveys and is fairly well rounded, and suggests to have been carried for some distance probably as result of glaciation. It may have also transported down slope for some distance after glacial deposition. The float was obviously dug up heavy equipment and exposed during the construction of the logging road. Another massive sulphide float discovered during this time with tag number 'CQCR07' (Photo 2) contained lower Au values (77.1 ppb) but anomalous in Cu 1,150 ppm and Pb 1,183.6 ppm. This sample appears to have travelled for some distance as well however, its sulphide assemblage is strikingly different than sample 06, comprised mainly of massive pyrrhotite and minor pyrite, vectoring to perhaps a different source of undiscovered mineralization. Float sample numbered 'CQCR08' taken from exactly the same site as 07 in 2010, could not be located by the author. Both tag number and any evidence the float sample were not observed at this site. The sample is described as float "marble with dissem. gal., sph." carrying >1% Pb and >10% Zn.

Limited mapping and rock chip sampling were conducted by author along the logging road where exposed bedrock was observed.

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A series of soil sample profiles were conducted along the logging roads by an experienced sampler-pro prospector, proximal to the sulphide float samples combined with mapping and chip samples of exposed bedrock briefly discussed below. Soils were collected from mostly undisturbed overburden above the crest of the road cuts. Some areas display fairly well developed soil profile with other areas containing more colluvial type material.

Limited mapping and rock chip sampling were conducted by author along the logging road where exposed bedrock was observed (see Figure 2 for mapped and sample sections). Described below in more detail are the mapped and sampled sections with accompanying photos and schematic cross-section.

SITE 1:

Two rock samples were collected from the lower logging road cut (Figure 2) from sample Site 1. Here, there is sub-outcropping of steeply dipping, band of orange, oxidized marble striking 330° . A chip sample (Number: CQ-DC01R) was obtained across 45 cm of the marble carrying minor stringers and disseminations of pyrrhotite and lesser galena and sphalerite. Adjacent to the band of marble is oxidized quartz vein which appears to be along the hanging wall of the marble. A grab sample (Number: CQ-DC02R) was taken of the vein. The sub-out crop is about 50m wide dominated by a light greenish, quartz-muscovite schist, schistosity striking 330° dipping 63° east.

SITE 2:

The initial mapped section of the logging road cuts across an area with no exposed bedrock however, there are numerous pieces of angular, oxidized, iron-rich black graphitic schist, suggesting a proximal source, which the author believes to be part of the Index Formation (Photo 5). It is likely that unexposed underlying bedrock is composed of the same rock type.

Some 50-75 metres west of the above photo, the logging road cuts across a well exposed section of bedrock comprised predominately of a prominent out-cropping of light greenish-grey, fine grain, pelite-grit unit with phyllitic partings (Photo 6). Sections of this unit also host sub-rounded to stretched, pebble-like white quartzite boudins (Photo 7). Structurally, the average dip of the foliated beds is 60° to the northeast trending northwest with a dominate strike of 340° . This attitude conforms to the regional structural fabric with recumbent, isoclinal, southwest vergent fold limbs and dips to the northeast. The road section is a structural view, a glimpse into the accretionary tectonic events, that would have taking place during the middle Jurassic to early Cretaceous, which would have included initial up-right deformation folds (D_1) and subsequent syn-metamorphic, recumbent and isoclinal folds (F_1 and F_2). These latter structural events and associated greenschist facies metamorphism are now what is displayed along the road cut. Subsequent tight crenulation structures can be observed along phyllitic partings, superimposed over F_2 folds.

Three oxidized, semi-stratabound, weakly mineralized zones where observed hosted within the grit unit. These zones were chipped sampled and numbered: CQ-DC04R, CQ-DC05R, and CQ-DC06R. The schematic cross-section below and photos show the sample locations and widths.

The Columbia Queen property is underlain by a structural belt of west verging recumbent to isoclinal folds associated with Neoprotozoic to Lower Proterozoic age, greenschist facies grade metamorphic rocks, which are assigned to the Hamell and Ladeau groups respectively.

These rocks are regionally endowed with numerous massive sulphide and carbonate replacement deposits and occurrences. Including the former producing Goldstream mine and currently explored J&L gold deposit. The Columbia Queen covers the historical Copper Queen workings that has experience sporadic exploration in past years.

In 2010, prospecting on the along logging roads on the property discovered a massive sulphide gold-bearing float. Surveys briefly documented in this summary report focused on the potential source of the sulphide float.

Based on the surveys and detail examination of the mineralized float, the author believes it to be glacial transported and not proximal to a local source. However, the property is located immediately adjacent to the J&L arsenical-rich gold deposit, the sulphide float could have originated from this deposit or, similar type of mineralization may occur on the Columbia Queen. Geochemical soil profiles conducted in the area of the sulphide float should help to vector to such potential source. As well, on-going log harvesting will further open ground in this area to future prospecting.

Historical exploration on the Columbia Queen property has focused mainly on the Copper Queen showings. The 2010 exploration program was designed to test other parts of the property for new exploration targets. This exploration involved helicopter borne Versatile Time Domain Electromagnetic (VTEM) and aeromagnetics geophysical surveys by Geotech Inc. over the entire property in August 2010. Results of this survey were the focus of a ground survey targeting areas of elevated conductivity. Three discreet targets were identified in the northwest, central and southeast parts of the property.

Airborne VTEM and Magnetism Survey

Signature Resources Ltd. entered into a contract with Geotech Ltd. to conduct a helicopter-borne geophysical survey over the Columbia Queen property. This work was done in the time period August 15th to 19th, 2010. Principal geophysical sensors included a versatile time domain electromagnetic (VTEM) system, and a caesium magnetometer. Ancillary equipment included a GPS navigation system and a radar altimeter. A total of 318.1 line kilometres covering an area of 56.87 square kilometres was flown at a before HST cost of \$67,994.44.

The survey operations were based out of the town of Revelstoke, British Columbia. In-field data quality assurance and preliminary processing were carried out on a daily basis during the acquisition phase. Preliminary and final data processing, including generation of final digital data and map products were undertaken from the office of Geotech Ltd. in Aurora, Ontario.

The processed survey results are presented as electromagnetic stacked profiles of the B-field Z Component and dB/dt Z and X Components, and as colour grids of a B-Field Z Component Channel, and Total Magnetic Intensity (TMI). In addition, EM anomaly picking, Time Constant (Tau), calculated vertical magnetic derivative, Resistivity Depth Sections and Maxwell plate modelling was performed.

Digital data includes all electromagnetic and magnetic products, plus ancillary data including the waveform.

The survey report describes the procedures for data acquisition, processing, final image presentation and the specifications for the digital data set. A summary of survey results is included in the report.

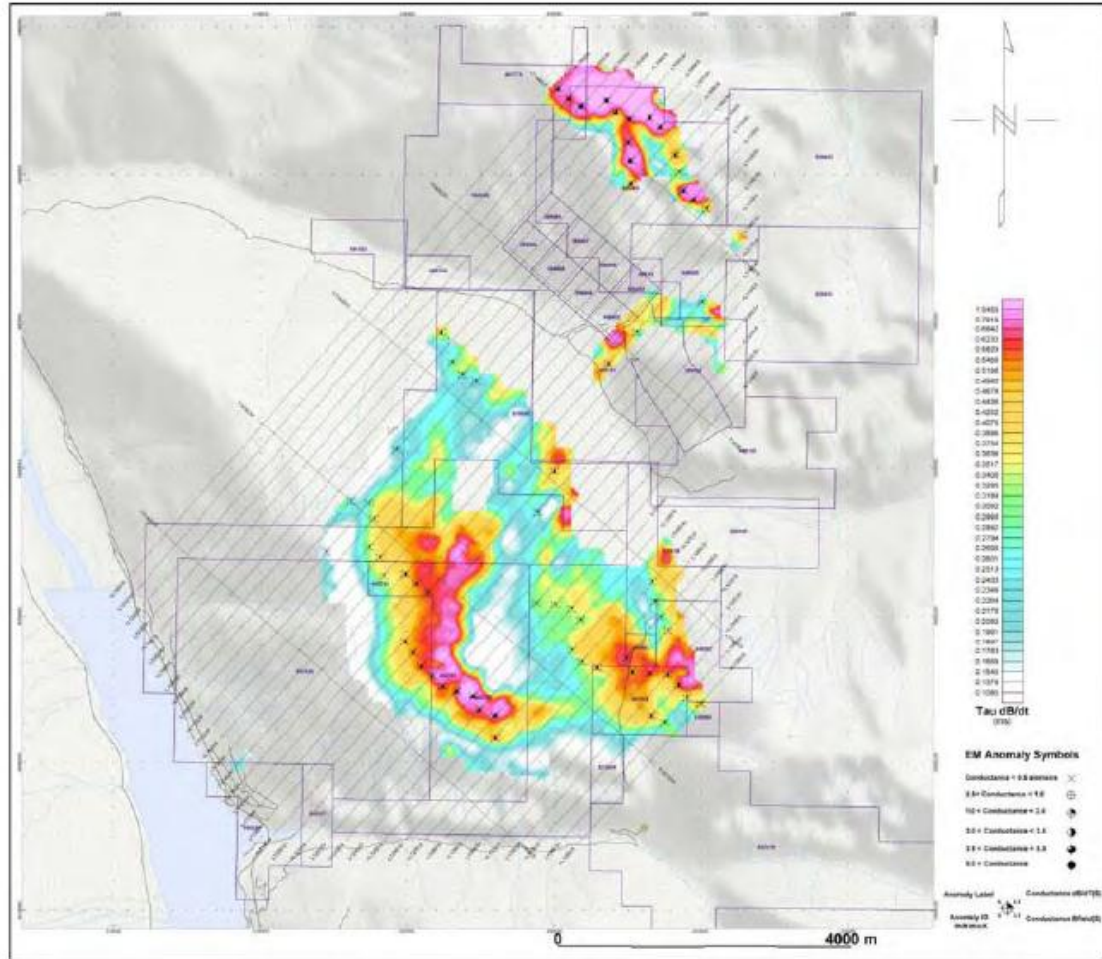


Figure 8. VTEM dB/dt X component calculated time constant (Tau) anomaly map, Columbia Queen Property. This figure is extracted from a Geotech Inc. report prepared by Venter and Prikhodko (2010).

A summary interpretation, in support of the EM anomaly picking, Time Constant (Tau), calculated vertical magnetic derivative, Resistivity Depth Sections and Maxwell plate modelling that were performed is included in the report.

Geotech concludes that “The survey was successful in delineating EM anomaly sources which correspond to flat-lying horizons with low conductivity in the central part of the area and dipping targets on the N-E corner of the area. The anomalous area is recommended for drill testing on the basis of RDI section and Maxwell modelling as it may represent most likely mineralized zone with disseminated sulphides” (Venter and Prikhodko, 2010).

The high magnetic response in the southwest corner of the survey grid (Figure 9) may be due to an intrusive body at depth. Small outcrops of porphyritic biotite quartz monzonite have been mapped by Payne (1999) in this area (Figure 6) and could be offshoots of a larger body at depth. There are also metavolcanic rocks underlying this area which could be contributing to the higher magnetic response.

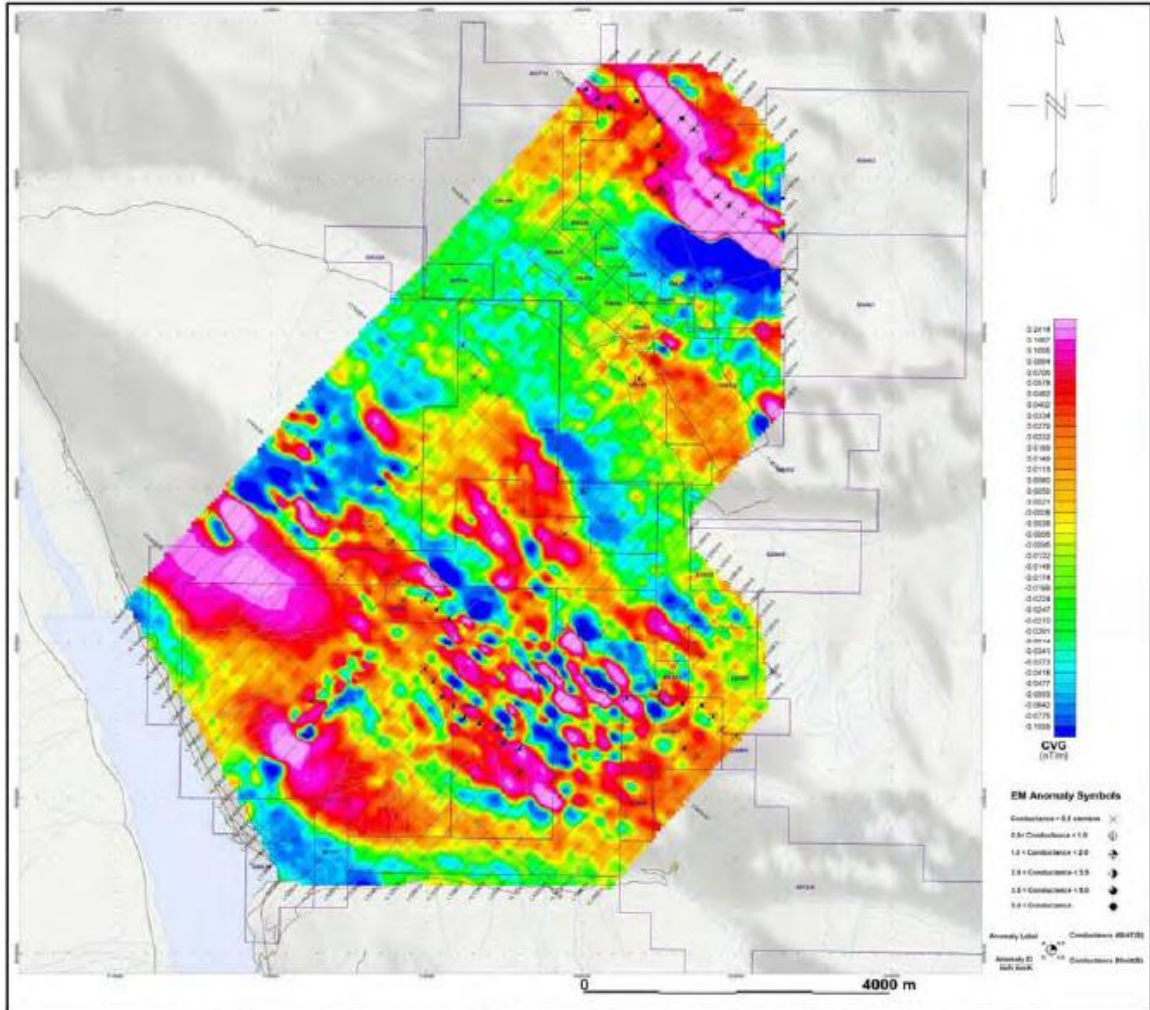


Figure 9. Calculated vertical magnetic gradient (CVG) map, Columbia Queen property. This figure is extracted from a Geotech Inc. report prepared by Venter and Prikhodko (2010).

There is a strong magnetic high associated with the VTEM anomaly in the northeast corner of the survey grid. The elevated magnetic response may be due to disseminated pyrrhotite in rusty weathering quartzites and black graphitic phyllites that underlie this area. Alternatively there may be an intrusive body at depth that is contributing to the elevated magnetic response. The adjoining magnetic low corresponds to the Badshot limestone.

The sources of other magnetic highs on the property are not known at this time.

Central VTEM Anomaly

A relatively large area of elevated conductivity occurs in the central part of the Columbia Queen claims (Figure 10). A grid comprised of 4 north-south soil sample lines, 100 metres apart and sampled at 50 metre intervals was established to cover part of the anomaly (Figure 13). Sampling was done by Rich River Exploration with assistance from the author. A total of 2.7 kilometres of flagged line and 58 soil sample sites were established using a GPS. Samples were mostly collected from well developed B horizon soils on a moderate, well drained, south facing slope. Only one sample was statistically anomalous in Pb. All other samples contained background level base and precious metal concentrations.

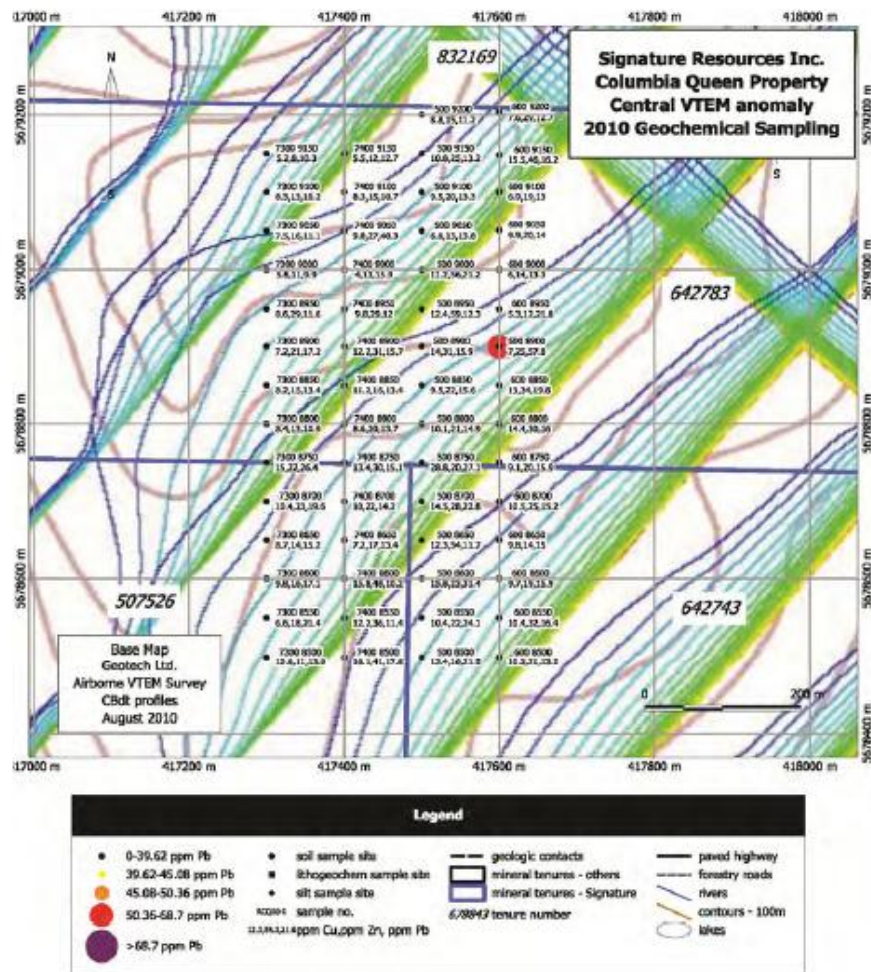


Figure 13. Soil sample sites showing values for Cu, Zn and Pb, central VTEM anomaly area.

Southeast Target

There is a strong, well defined, VTEM anomaly in the southeast corner of the survey grid. This anomaly is of particular interest because it is only a few kilometres northwest of the Mastodon mine. In order to evaluate this anomaly a soil sampling grid comprised of five flagged, northwest trending lines, each 500 metres long and spaced 100 metres apart was done across the main axis of the anomaly as defined by the

dB/dt VTEM profiles (Figure 14). Lines were established using a hip chain, compass and GPS. The grid area is on a southeast facing slope that is heavily timbered. A recent wind storm has resulted in extensive blow down of large trees making traversing difficult (Plate 1). There is no outcrop in the area of the grid although unmineralized outcrops of quartzite and phyllite do occur along the top edge of the grid where the terrain flattens out.

Most of the soil samples were collected from well developed B horizon material. In areas there appears to be a clay rich glacial till cover that might be reducing the effectiveness of soil sampling as a tool for detecting subsurface mineralization. Although there was a fair amount of angular float in the grid area, especially under recently overturned tree roots, none of this material was observed to be mineralized.

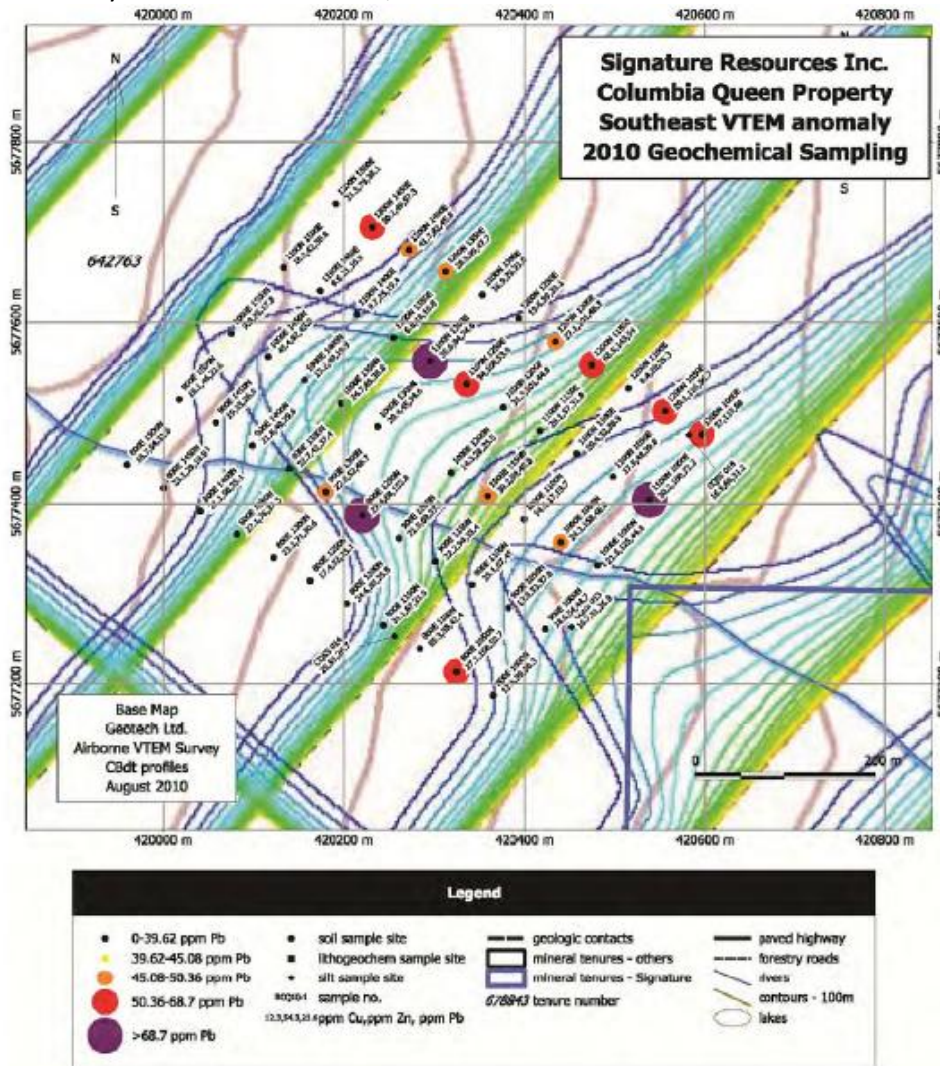


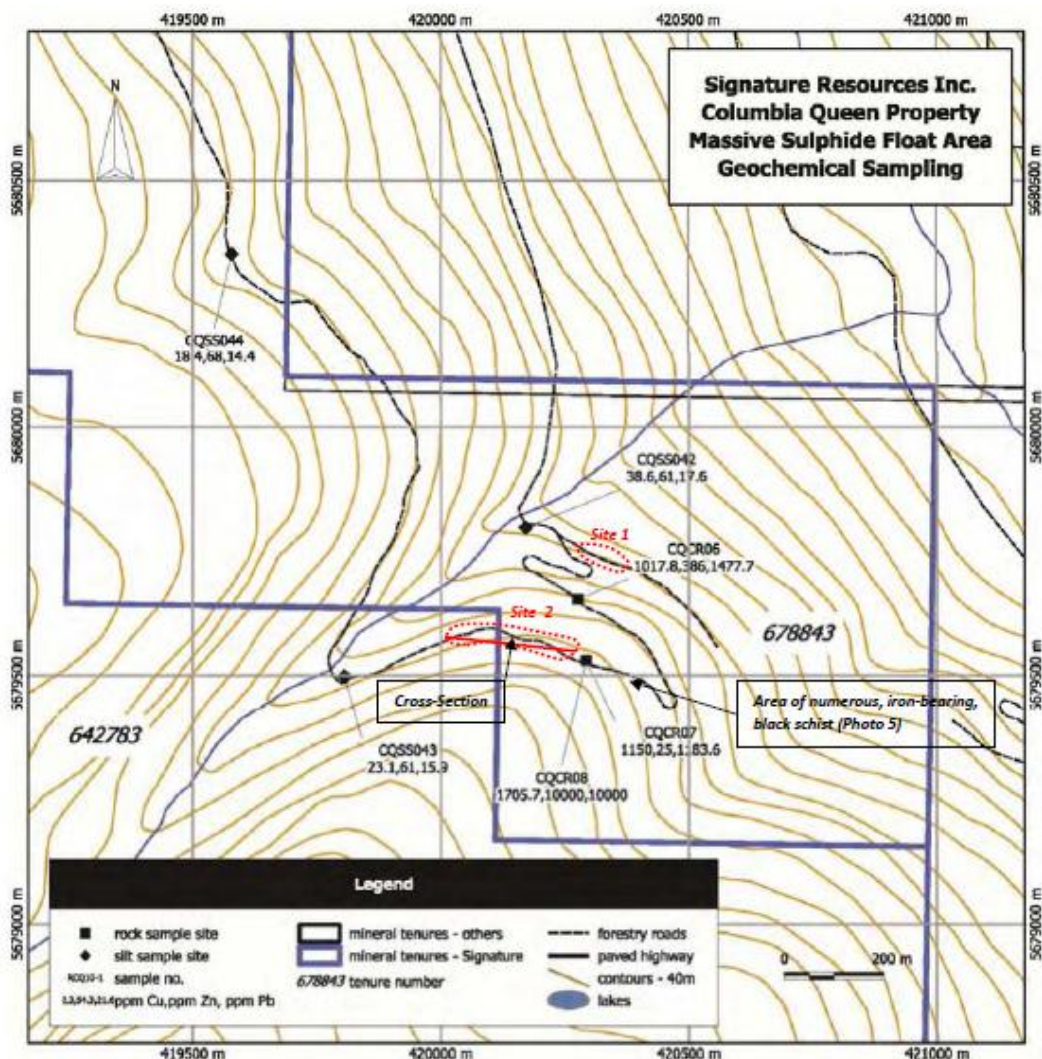
Figure 14. Location of soil and silt samples, southeast VTEM anomaly area.

Analytical results for Cu, Zn and Pb are plotted next to the sample location in Figure 14 and results for Cu, Pb, Zn, Ag, Au and As are presented in Table 7. Samples with values greater than the 95th percentile, as determined for soil samples collected in 2010 from the Columbia Queen property, are highlighted in bold in the table. Note that there are a few isolated samples that are statistically anomalous based on these criteria but there are no strong multi- element anomalies. The highest Pb value was 152.8 ppm (sample

900E 1250N) and the highest Zn value was 158 ppm (sample 1000E, 1050N). Copper values are uniformly low and none of the samples exceed the 95th percentile threshold of 84.5 ppm. The highest Cu value was 68.5 ppm in sample 1200N 1150E. This sample also contained anomalous Zn at 143 ppm.

Carnes Creek Road

As part of the 2010 property evaluation program it was decided to do some geochemical sampling in the northern part of the Columbia Queen property. This area is accessible via the Carnes Creek forest service road. Soil samples were collected along this road as shown in Figure 17. A number of creeks were also sampled where they cross the road. This sampling was accompanied by prospecting by Mr. Lynes. No significant soil anomalies were located. The most anomalous sample was 278 2327 which contained 70.4 ppm Cu. Since this area is covered with thick glacial till deposits, soil sampling may not be an effective tool in detecting hidden mineral deposits in this part of the property.



Logging Road showing sites (in red dotted line) mapped and rock chip sampled with accompanying photos

Figure 15

The J&L property, which is road accessible via the Carnes Creek forest service road, has two known and significant polymetallic mineral deposits. The Main Zone is a stratiform structurally controlled polymetallic base and precious metal (Zn-Pb-Ag-Au-As) massive sulphide deposit which has been known since 1912. The Yellowjacket Zone discovered in 1991 is a very siliceous Zn-Pb-Ag stratabound deposit that sub parallels and is in the immediate hangingwall of the Main Zone (Makepeace, 2007).

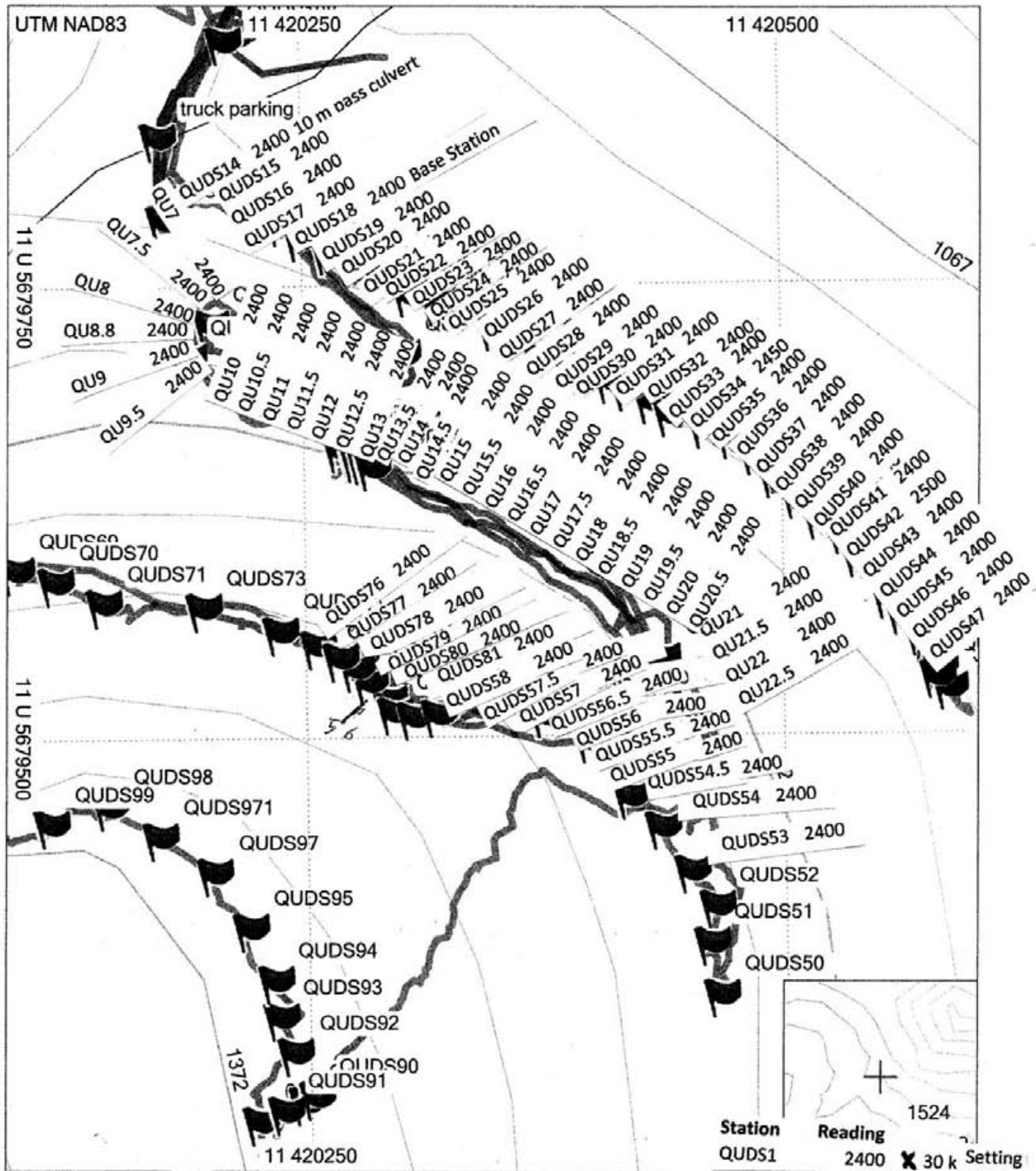
The Main Zone has an historic resource estimate, which was prepared by Equinox Resources Ltd. in 1991, of 1.7 million tonnes grading 7.38 g/t gold, 75.9 g/t silver, 2.64 % lead and 4.43 %. The Yellowjacket has an historic resource estimate also completed by Equinox of 693,000 tonnes grading 52.3 g/t silver, 2.45 % lead and 7.06 % zinc. These resource estimates predate National Instrument 43-101 and do not comply with current NI 43-101 requirements for mineral resource estimation (Makepeace, 2007). Consequently these resource estimates cannot be relied upon.

The Mastodon Mine is 5 kilometers to the south of the J & L deposit. It is a group of deposits and showings which include the Mastodon (082M 005), Mastodon North (082M195), Lead King (082M 094), Little Slide (082M 006) and Little Slide No. 3 (082M 196). The area is a series of polymetallic (Zn, Pb, Cd, Ag, Au, Cu) breccia, replacement type bodies that are tabular (Mastodon - 90 x 60 x 3 meters) in Badshot Limestone which may be structurally controlled. Teck-Cominco had the property up until 1992.

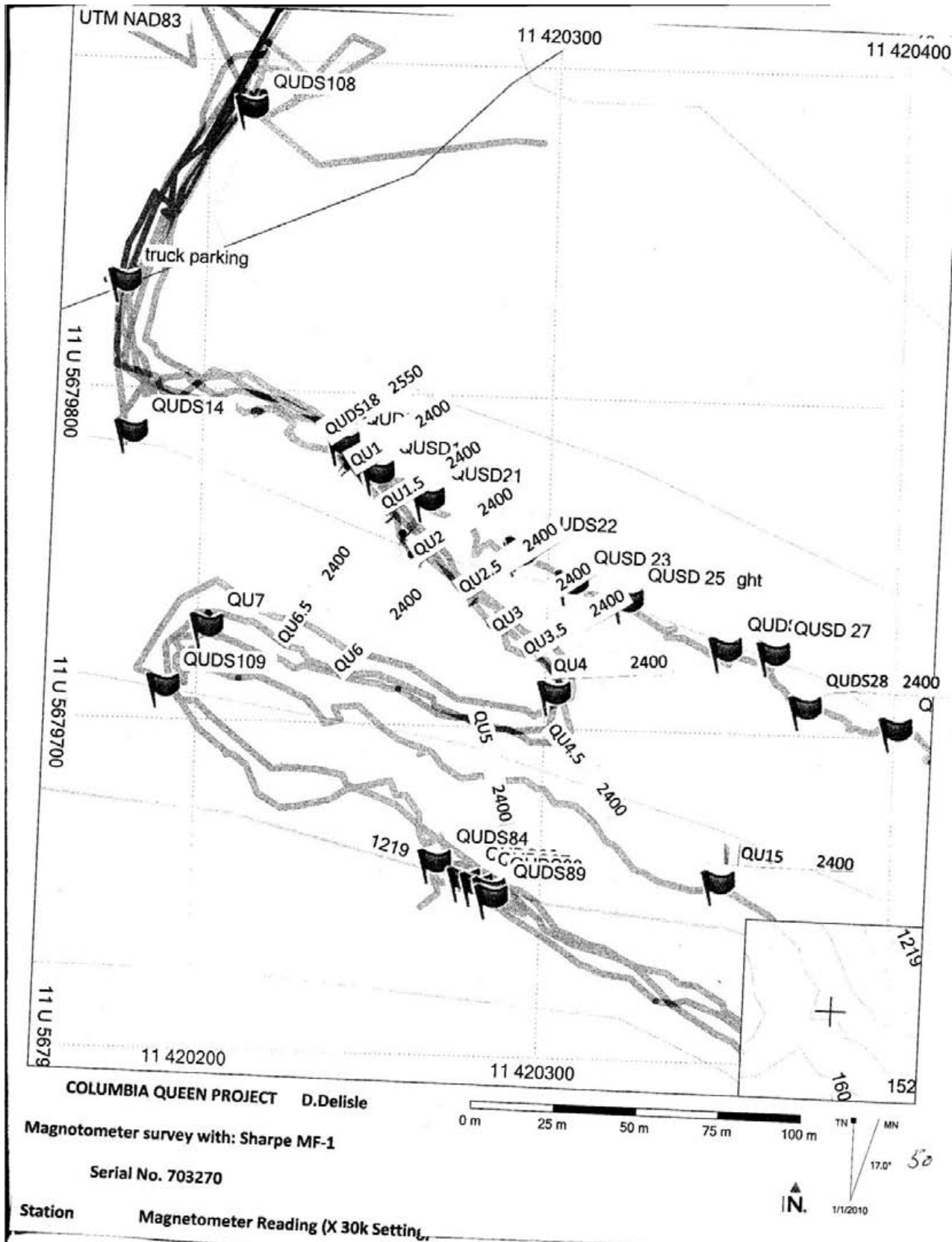
The Mastodon massive sulphide bodies lie on the west side of a lenticular mass of Lower Cambrian limestone and dolomite of the Badshot Formation in contact, both east and west, with dark-grey and green phyllites of the Lower Cambrian and younger Lardeau Group. The rocks are isoclinally folded and strongly sheared. Several northwest trending faults cut across the stratigraphy and dip at moderate angles to the northeast parallel to foliation. These faults appear to be the primary control for zinc mineralization. The mineralized zones are replacements of limestone, dolomite and phyllite mainly by sphalerite and occasionally galena and tetrahedrite. The sphalerite, ranging in colour from light yellowish-brown to dark brown, is disseminated and massive within the limestone and occurs as the matrix of breccia associated with the faults. Some mineralized zones are in folds or in banding related to cleavage, both of which are cut by the faults. The massive sulphide bodies dip to the northeast and rake to the north. They are tabular or lenticular and commonly split or branch. This orientation of the Mastodon deposits is important because the southeast VTEM anomaly on the Columbia Queen property appears to be on strike with this trend.

The Mastodon Mine has recorded production for the years 1926, 1952 and 1960 (MINFILE database). Total ore mined was 28,975 tonnes yielding 190,133 gms. Ag, 249 gms. Au, 2,681,451 kg. Zn, 81,798 kg. Pb and 11,654 kg. Cd.

The Columbia Queen Project is north of Revelstoke 37 km to the Carnes Creek Forestry Road, for another 8km and turning southeast for 4km to a road washout. The area is very steep with thick growth in areas and large virgin Cedar, Hemlock and fir trees. Prospecting and sampling on the Columbia Queen Project did not bring any obvious new showings (visibly) and the magnetometer results show very few if any potential anomalies.. There were some interesting pieces of float that may kick some results that could point to further investigation. Prospecting the area including sampling of rock, soil and samples, stream sediment samples and a magnetometer survey. It is an interesting area and it is near a mine site with in view of the property, all points toward a possibility of more mineralization in the is possible.



Magnetometer Survey
 with: Sharpe F1
 July 2012
COLUMBIA QUEEN PROJECT
 Denis Delisle



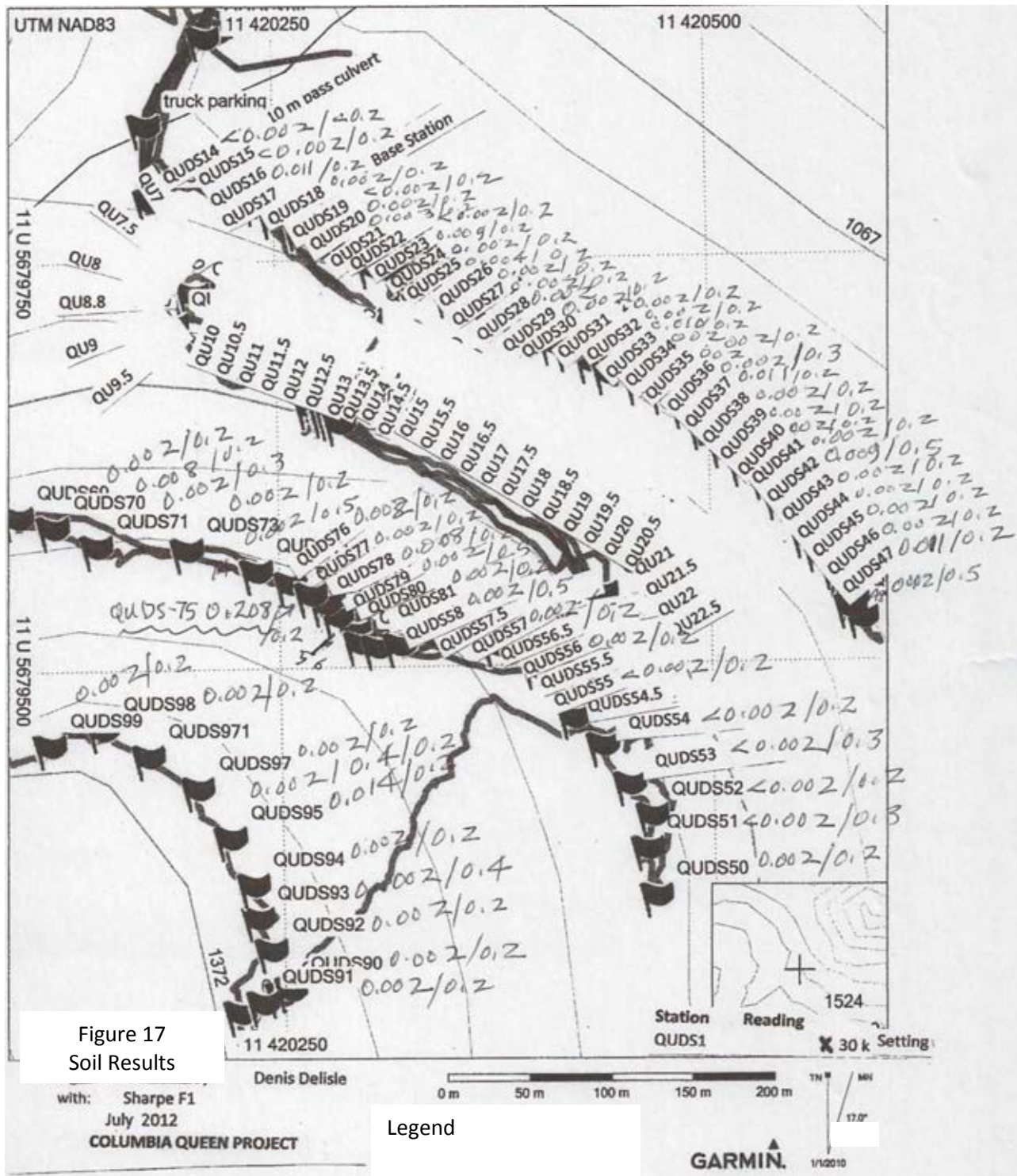


Figure 17
Soil Results

with: Sharpe F1
July 2012
COLUMBIA QUEEN PROJECT

Legend

Qu17
<math><0.002/0.1</math>
ppm Au/ppm Ag



CONCLUSIONS and RECOMMENDATIONS

VTEM Survey Results

Geotech concludes that the helicopter-borne VTEM survey “was successful in delineating EM anomaly sources which correspond to flat-lying horizons with low conductivity in the central part of the area and dipping targets on the N-E corner of the area. The anomalous area is recommended for drill testing on the basis of RDI section and Maxwell modelling as it may represent most likely mineralized zone with disseminated sulphides” (Venter et al, 2010).

The interpretation that the elevated conductivity is due to a flat-lying body, at least in the central part of the claims, is interesting. Bedding attitudes observed in this area suggest the strata are striking northwest and dipping moderately to the northeast. They are definitely not flat lying. Therefore, if the Geotech interpretation is correct, it suggests the elevated conductivity is not bedding related and is due to some other, more flat-lying source. It is not possible to say with any degree of certainty what this source might be since there is very little surface and subsurface information available for this part of the claims. Although Geotech recommends a drilling program to test the VTEM anomalies, the author feels this would be very premature and does not concur with this recommendation.

Four survey lines cross the area of the Copper Queen showings – lines 1090:6, 1100:6, 1110:6 and 1120:6 (Figure 10). Examining maps produced by Geotech suggests there was no discernable EM response from these showings. This lack of response is disconcerting given the relatively high grade stratabound nature of these showings. One would expect that the phyllitic host rocks which are quite well mineralized with disseminated and massive sulphides would produce some kind of conductor. This lack of a response may be due to the disseminated nature of the sulphides or to the fact that the mineralized zone dips into a steep hillside and is rapidly covered by a thick succession of non-conductive rocks. Clearly, the VTEM data by itself cannot be used to determine if mineralization exists or not given the fact that it does not always detect known mineralization.

Central VTEM Anomaly

Soil sampling across the central VTEM anomaly failed to return any anomalous concentrations of metals in soils in the area tested. However, the soil sampling grid only covered an area 700m X 400m, a very small part of the area of anomalous conductivity. Outcrops within the area of the anomaly were barren micaceous quartzites. There was no indication of alteration or mineralization observed in these rocks. Overall this area seems to have a low probability of finding a new target. However, the area covered by the 2010 grid is too small to have fully evaluated the central VTEM anomaly. Therefore, it is recommended that the 2010 soil sampling and prospecting grid be extended to the southeast and northeast to cover a greater part of the anomaly. This sampling can be done on lines spaced 200m apart with sampling every 50m.

Southeast VTEM Anomaly

The southeast VTEM anomaly remains the most interesting because of its proximity to the nearby Mastodon mine. A number of soil samples collected from a small 500m X 500m grid did contain statistically anomalous concentrations of Pb, Zn and As. No mineralized float was noted in the grid area which for the most part appears to be covered with fairly thick till deposits. Outcrops of quartzite and phyllite just north of the grid were not altered or mineralized. However, only a small part of the area covered by the VTEM

anomaly was covered by the soil grid. It is the author's opinion that more work needs to be done in this area. The soil sampling grid should be extended to the northeast to see if anomalies detected on Line 1200E are part of a larger area of anomalous soils. Some till sampling in this area might also be beneficial. A combined Induced Polarization (IP) and Magnetometer ground geophysical survey should also be done in this area to test for hidden targets. Because of extensive blow down on the heavily timbered, southeast facing slope it will be necessary to establish a cut grid over the VTEM anomaly area with a minimum of 6 lines, each 200 metres apart and at least one kilometre long (6 kilometres of line). All of this work will need to be supported by helicopter.

Massive Sulphide Float Area

The discovery of massive sulphide float and mineralization in-situ in an area near the eastern limit of the Columbia Queen property is encouraging. This area is approximately half way between the Mastodon Mine to the southwest and the J&L mine to the northeast. Two pieces of float, one a marble containing >10% Zn and >10%Pb and the other massive sulphide with significant Au and As values were located in this area. Although the source of the mineralized float is not known at this time, the fact that a band of oxidized massive sulphide carrying elevated Cu and Pb values was located in outcrop is very encouraging. This area should be covered by a detailed soil sampling grid with lines 50m apart and samples collected every 25m. Till samples should also be collected in this area particularly from road cuts. A surficial geologist should be contracted to provide information on ice flow directions and to help direct the till sampling program. Ground geophysics in the form of an IP or EM survey should also be done along the soil sampling lines. These lines will need to be cut to facilitate the sampling and geophysical surveys as the area is heavily forested and difficult to traverse otherwise.

The Copper Queen showings, which have returned impressive Cu, Zn and Ag assays (see Table 2), still represent the best known exploration target on the property. Rock grab samples collected by Payne (1999) have yielded three samples with over 8% copper and over 100 ppm silver (>3 ounces of silver).

Majority of the reconnaissance mapping and sampling surveys were conducted in the area of the massive sulphide float discovered in 2010. Other than along higher elevations, the property has very limited rock exposure and much of the area is heavily forested with steep slopes. Fortunately, a logging road where the sulphide float was found affords a good section of exposed bedrock and lends itself to limited mapping and sampling.

The significant sulphide, gold-bearing float sample discovered in 2010, and tagged with number 'CQCR06', (Figure 2) contained 6.17 gm/t Au associated with massive arsenopyrite (>1% As). The float sample was located during the reconnaissance surveys and is fairly well rounded, and suggests to have been carried for some distance probably as result of glaciation. It may have also transported down slope for some distance after glacial deposition. The float was obviously dug up heavy equipment and exposed during the construction of the logging road. Another massive sulphide float discovered during this time with tag number 'CQCR07' (Photo 2) contained lower Au values (77.1 ppb) but anomalous in Cu 1,150 ppm and Pb 1,183.6 ppm. This sample appears to have travelled for some distance as well however, its sulphide assemblage is strikingly different than sample 06, comprised mainly of massive pyrrhotite and minor pyrite, vectoring to perhaps a different source of undiscovered mineralization. Float sample numbered 'CQCR08' taken from exactly the same site as 07 in 2010, could not be located by the author. Both tag number and any evidence the float sample were not observed at this site. The sample is described as float "marble with dissem. gal., sph." carrying >1% Pb and >10% Zn.

RECOMMENDATIONS

The Columbia Queen property is of sufficient merit to warrant additional exploration expenditures. A success contingent staged exploration program is recommended. Projected expenditures for this program are given in Table 11. The Stage 1 program would involve grid soil sampling, ground geophysics, geological mapping and prospecting of the southeast VTEM anomaly and the area of massive sulphide float located in 2010. A surficial geologist would be contract to assist in evaluation of the latter. Of secondary importance would be the expansion of soil sampling grids across the central VTEM anomaly and the area of gossanous soils located along Highway 23. More work should also be done on the main Copper Queen showings, specifically expansion of the soil sampling grid done in 1999 further to the northwest. Work on the southeast and central VTEM anomalies and extension of the soil sampling grid northwest of the Copper Queen showings would be helicopter supported. Projected cost for the Stage 1 program is \$220,000.

Contingent on the success of the Stage 1 program, a Stage 2 program would drill test any new targets defined by the Stage 1 work. Projected costs for 2,000 metres of drilling would be \$480,000.

Projected costs for proposed exploration program, Columbia Queen property

Stage 1

Item	Cost
Linecutting contract	\$40,000.00
Soil sampling/prospecting contract	\$70,000.00
IP/mag contract	\$60,000.00
Helicopter	\$20,000.00
Analytical	\$5,000.00
Surficial Geology contract	\$10,000.00
Supervising Geologist/report writing	\$10,000.00
Miscellaneous	\$5,000.00
	\$220,000.00

Stage 2

Item	Cost
Diamond drilling contract (2,000m)	\$400,000.00
Helicopter	\$50,000.00
Analytical	\$15,000.00
Supervising Geologist/report writing	\$10,000.00
Miscellaneous	\$5,000.00
	\$480,000.00

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Appendix I

Statement of Qualifications

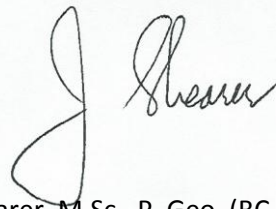
July 12, 2012

STATEMENT of QUALIFICATIONS

I, Johan T. Shearer of Unit 5 – 2330 Tyner Street, in the City of Port Coquitlam, in the Province of British Columbia, do hereby certify:

1. I graduated in Honours Geology (B.Sc., 1973) from the University of British Columbia and the University of London, Imperial College, (M.Sc. 1977).
2. I have practiced my profession as an Exploration Geologist continuously since graduation and have been employed by such mining companies as McIntyre Mines Ltd., J.C. Stephen Explorations Ltd., Carolin Mines Ltd. and TRM Engineering Ltd. I am presently employed by Homegold Resources Ltd.
3. I am a fellow of the Geological Association of Canada (Fellow No. F439). I am also a member of the Canadian Institute of Mining and Metallurgy, the Geological Society of London and the Mineralogical Association of Canada. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (P.Geo., Member Number 19,279).
4. I am an independent consulting geologist employed since December 1986 by Homegold Resources Ltd. At Unit #5 2330 Tyner Street, Port Coquitlam, British Columbia.
5. I am the author of the report entitled “Summary Report on the Copper Queen South Property” dated July 12, 2012.
6. I have visited the property June 15-18 and July 9-12, 2012 and supervised the crew in 2012. I have carried out mapping and sample collection and am familiar with the regional geology and geology of nearby properties. I have become familiar with the previous work conducted on the Columbia Queen Project by examining in detail the available reports and maps and have discussed previous work with persons knowledgeable of the area.

Dated at Port Coquitlam, British Columbia, this 12th day of July, 2012.



J.T. Shearer, M.Sc., P. Geo. (BC & Ontario)

Appendix II

Statement of Costs

July 12, 2012

Copper Queen South
Statement of Costs

Wages	Total not incl. HST
J. T. Shearer, M.Sc., P.Geo (BC & Ont.), Geologist 7.5 days @ \$700/day, June 15-18+July 9-12, 2012	\$ 5,250.00
D. G. Cardinal, P.Geo. 7.5 days @ \$650/day, June 15-18+July 9-12, 2012	4,875.00
Subtotal	\$ 10,125.00

Expenses

Transportation:

Truck #1, Fully equipped 4x4, 8.5 days @ \$120/day	1,020.00
Truck #2, Fully equipped 4x4, 7.5 days @ \$120/day	900.00
Gas for Truck	675.00
Hotel, 23 man days @ \$94/day	2,162.00
Meals & Food, 23 man days @ \$55/day	1,265.00
Supplies (GPS mapping, digital files, etc.)	375.00
D. Delisle, 8.5 days @ \$350/day, June 14-18+July 9-12, 2012	2,975.00
Analytical, 40 soils @ \$28 ea.	1,120.00
Magnetometer Rental, 8.5 days @ \$50/day	425.00
ATV Rental, 8.5 days @ \$55/day	467.50
Report Preparation	1,400.00
Word Processing	450.00
Subtotal	\$13,359.50

Total \$ 23,359.50

Event # 5393404
 Work Filed \$22,000.00
 PAC Filed \$8,937.84
 Recorded July 12, 2012

Appendix III

Analytical Results

July 12, 2012

CLIENT NAME: HOMEGOLD RESOURCES LTD.
UNIT# 5-2330 TYNER STREET
PORT COQUITLAM, BC V3C2Z1
(604) 696-1022

ATTENTION TO: JO SHEARER

PROJECT NO: COLUMBIA QUEEN

AGAT WORK ORDER: 12V620102

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Aug 09, 2012

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Certificate of Analysis

AGAT WORK ORDER: 12V620102
PROJECT NO: COLUMBIA QUEEN

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012	DATE RECEIVED: Jul 12, 2012					DATE REPORTED: Aug 09, 2012					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
QUDS 1	0.3	1.22	66	<5	143	0.6	<1	0.41	0.6	57	19.6	16.0	39.0	3.55	
QUDS 2	<0.2	1.11	58	<5	123	<0.5	<1	0.55	<0.5	53	18.1	14.4	35.3	4.11	
QUDS 3	0.3	1.75	58	<5	89	0.6	<1	0.22	<0.5	61	21.0	16.3	30.5	4.31	
QUDS 4	<0.2	2.95	40	<5	120	0.9	<1	0.14	<0.5	63	20.6	27.0	61.5	4.89	
QUDS 5	0.6	1.70	64	<5	138	0.5	<1	0.11	<0.5	46	15.1	22.0	40.1	3.76	
QUDS 6	0.6	3.89	39	<5	220	0.9	<1	1.10	<0.5	29	15.6	16.9	28.6	3.98	
QUDS 7	<0.2	1.80	59	<5	140	0.6	<1	0.13	<0.5	36	15.7	17.8	24.5	4.30	
QUDS 8	0.5	2.27	48	<5	112	0.7	<1	0.31	<0.5	27	9.1	9.8	27.3	2.73	
QUDS 9	0.3	4.31	41	<5	129	1.1	<1	0.11	0.9	32	9.9	9.2	22.2	2.62	
QUDS 10	<0.2	1.85	190	<5	91	0.7	<1	0.11	<0.5	83	20.1	17.5	25.6	4.72	
QUDS 11	<0.2	2.60	46	<5	85	0.8	<1	0.25	<0.5	49	11.6	10.5	15.2	3.46	
QUDS 12	0.3	0.67	56	<5	59	<0.5	<1	0.60	<0.5	47	17.0	8.1	26.8	2.89	
QUDS 13	0.5	1.21	140	<5	88	<0.5	<1	0.58	<0.5	50	22.7	13.0	41.4	3.98	
QUDS 14	<0.2	1.43	2	<5	25	<0.5	2	0.01	<0.5	83	16.2	22.8	40.2	3.45	
QUDS 15	0.2	1.45	3	<5	37	<0.5	<1	0.08	<0.5	77	18.2	22.6	40.7	3.07	
QUDS 16	<0.2	0.97	3	<5	28	<0.5	<1	0.11	<0.5	47	15.1	17.0	32.2	2.41	
QUDS 17	<0.2	1.16	2	<5	26	<0.5	<1	0.09	<0.5	59	13.3	18.1	29.2	2.62	
QUDS 18	<0.2	1.20	5	<5	39	<0.5	<1	0.10	<0.5	74	15.4	22.0	35.0	2.57	
QUDS 19	<0.2	1.22	2	<5	31	<0.5	<1	0.13	<0.5	60	14.0	19.1	33.8	2.88	
QUDS 20	<0.2	1.00	4	<5	38	<0.5	<1	0.12	<0.5	57	15.5	19.2	36.0	2.61	
QUDS 21	<0.2	1.06	4	<5	46	<0.5	<1	0.15	<0.5	56	16.9	20.5	37.1	2.80	
QUDS 22	0.2	1.04	3	<5	29	<0.5	<1	0.08	<0.5	46	13.3	18.3	27.5	2.50	
QUDS 23	<0.2	1.29	3	<5	36	<0.5	<1	0.15	<0.5	48	13.5	17.8	31.4	3.17	
QUDS 24	<0.2	1.78	6	<5	48	<0.5	<1	0.10	<0.5	88	17.3	37.7	38.0	4.77	
QUDS 25	<0.2	1.87	4	<5	38	<0.5	<1	0.10	<0.5	38	10.2	37.5	21.6	6.53	
QUDS 26	<0.2	1.29	3	<5	40	<0.5	<1	0.07	<0.5	44	7.2	23.9	27.4	3.57	
QUDS 27	<0.2	2.76	3	<5	43	0.7	<1	0.07	<0.5	54	9.1	18.6	29.8	4.07	
QUDS 28	0.3	2.12	<1	<5	19	<0.5	<1	0.02	<0.5	20	3.2	9.7	11.7	1.57	
QUDS 29	<0.2	2.21	3	<5	40	0.5	<1	0.05	<0.5	65	8.9	30.1	22.0	5.23	
QUDS 30	<0.2	1.51	2	<5	27	0.5	<1	0.03	<0.5	22	3.5	9.1	17.8	4.43	
QUDS 31	<0.2	1.50	10	<5	60	0.6	<1	0.14	<0.5	96	15.9	17.0	31.5	6.08	
QUDS 32	<0.2	1.88	1	<5	41	0.5	<1	0.04	<0.5	24	3.5	18.4	12.1	4.32	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12V620102
PROJECT NO: COLUMBIA QUEEN

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012

DATE RECEIVED: Jul 12, 2012

DATE REPORTED: Aug 09, 2012

SAMPLE TYPE: Soil

Sample Description	Analyte: Unit: RDL:	Ag ppm 0.2	Al % 0.01	As ppm 1	B ppm 5	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01
QUDS 33		<0.2	3.51	<1	5	34	0.8	<1	0.05	<0.5	36	5.8	27.6	27.1	4.72
QUDS 34		<0.2	1.23	7	5	27	<0.5	<1	0.07	<0.5	35	6.8	24.6	21.6	5.27
QUDS 35		<0.2	2.17	5	5	53	0.6	<1	0.03	<0.5	47	8.3	24.1	22.4	4.40
QUDS 36		0.3	1.80	6	5	34	<0.5	<1	0.04	<0.5	37	8.9	27.7	21.7	5.47
QUDS 37		<0.2	2.51	3	5	35	0.7	<1	0.04	<0.5	42	17.7	25.4	31.9	5.97
QUDS 38		<0.2	1.60	<1	5	29	<0.5	<1	0.02	<0.5	30	4.0	10.5	20.4	2.97
QUDS 39		<0.2	2.40	6	5	30	0.6	<1	0.04	<0.5	56	12.4	26.0	31.2	5.70
QUDS 40		<0.2	1.89	2	5	48	0.5	<1	0.03	<0.5	40	7.7	18.3	24.2	5.08
QUDS 41		<0.2	2.12	2	5	31	<0.5	<1	0.04	<0.5	52	10.8	19.5	34.7	4.87
QUDS 42		<0.2	1.86	4	5	33	<0.5	<1	0.03	<0.5	63	17.8	25.8	38.9	5.74
QUDS 43		0.5	0.82	<1	5	21	<0.5	<1	<0.01	<0.5	28	6.5	7.3	16.3	2.41
QUDS 44		<0.2	1.71	3	5	53	<0.5	<1	0.18	<0.5	49	11.7	29.1	22.7	6.14
QUDS 45		<0.2	1.51	3	5	36	<0.5	<1	0.02	<0.5	57	11.5	20.9	31.7	5.77
QUDS 46		<0.2	1.98	5	5	73	<0.5	<1	0.07	<0.5	58	16.1	23.0	30.8	5.42
QUDS 47		<0.2	2.13	2	5	46	0.5	<1	0.07	<0.5	63	14.2	23.3	33.2	4.56
QUDS 48		0.5	1.09	2	5	28	<0.5	<1	0.06	<0.5	36	7.3	20.6	19.4	3.12
QUDS 49		<0.2	1.50	5	5	42	<0.5	<1	0.06	<0.5	58	11.1	36.8	35.5	5.98
QUDS 50		<0.2	1.20	5	5	34	<0.5	<1	0.02	<0.5	38	6.0	19.1	18.2	5.14
QUDS 51		0.3	0.95	3	5	32	<0.5	<1	<0.01	<0.5	37	5.7	11.0	20.8	3.37
QUDS 52		<0.2	1.30	4	5	50	<0.5	<1	0.07	<0.5	43	10.3	24.4	21.9	5.26
QUDS 53		0.3	1.87	3	5	31	<0.5	<1	0.04	<0.5	55	12.7	29.0	33.3	4.67
QUDS 54		<0.2	1.91	3	5	49	<0.5	<1	0.07	<0.5	38	11.1	22.6	26.6	5.50
QUDS 55		0.3	1.90	1	5	27	<0.5	<1	0.05	<0.5	42	12.4	26.6	24.9	4.30
QUDS 56		<0.2	2.47	8	5	38	0.5	<1	0.06	<0.5	83	17.4	45.1	47.1	7.28
QUDS 57		<0.2	3.21	8	5	40	0.5	<1	0.12	<0.5	68	9.1	30.6	31.9	5.66
QUDS 58		<0.2	2.34	5	5	36	<0.5	<1	0.04	<0.5	58	12.3	36.2	30.2	5.70
QUDS 59		<0.2	1.97	1	5	48	0.6	<1	0.12	<0.5	61	14.3	14.1	23.0	3.76
QUDS 60		<0.2	0.78	3	5	33	<0.5	<1	0.03	<0.5	33	5.7	12.6	16.8	3.65
QUDS 61		<0.2	2.85	<1	5	42	0.6	<1	0.02	<0.5	61	18.1	21.0	28.7	5.05
QUDS 62		<0.2	1.86	<1	5	30	<0.5	<1	0.05	<0.5	37	9.7	25.7	25.2	6.69
QUDS 63		0.4	0.71	<1	5	20	<0.5	<1	<0.01	<0.5	19	2.9	3.8	9.8	1.29
QUDS 64		<0.2	1.91	3	5	24	<0.5	2	0.04	<0.5	42	10.2	22.7	30.8	4.62

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12V620102
PROJECT NO: COLUMBIA QUEEN

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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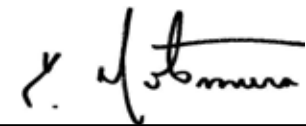
CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012	DATE RECEIVED: Jul 12, 2012					DATE REPORTED: Aug 09, 2012					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
QUDS 65	0.3	2.78	3	5	33	0.6	2	0.02	<0.5	85	25.2	17.3	37.6	3.99	
QUDS 66	<0.2	2.70	<1	5	32	0.7	<1	0.04	<0.5	45	11.1	18.4	29.3	4.20	
QUDS 67	<0.2	2.05	<1	5	37	0.5	<1	0.01	<0.5	46	9.0	17.3	26.0	4.58	
QUDS 68	0.7	1.88	<1	5	35	<0.5	2	0.01	<0.5	34	4.6	15.7	22.7	3.14	
QUDS 69	0.5	2.28	3	5	45	<0.5	<1	0.03	<0.5	45	26.4	25.1	33.2	3.97	
QUDS 70	<0.2	1.57	<1	5	30	<0.5	<1	0.01	<0.5	18	0.9	7.9	7.0	2.14	
QUDS 71	0.3	1.74	2	5	35	<0.5	<1	0.01	<0.5	33	7.2	18.6	24.8	3.13	
QUDS 72	<0.2	1.59	5	5	21	0.5	<1	0.03	<0.5	48	11.4	22.0	25.2	3.72	
QUDS 73	0.3	1.62	2	5	24	<0.5	<1	0.03	<0.5	30	4.4	11.7	20.6	2.13	
QUDS 74	0.5	1.79	5	5	26	0.5	<1	0.02	<0.5	56	12.0	26.1	34.5	4.03	
QUDS 75	<0.2	2.45	15	5	28	<0.5	<1	0.09	<0.5	71	12.1	33.9	31.8	5.31	
QUDS 76	0.4	3.23	3	5	51	0.6	<1	0.17	<0.5	68	24.2	29.2	74.8	6.17	
QUDS 77	<0.2	2.37	7	5	35	<0.5	<1	0.16	<0.5	73	10.8	28.0	34.5	4.49	
QUDS 78	<0.2	2.34	6	5	45	0.6	<1	0.04	<0.5	36	5.9	29.0	21.0	5.69	
QUDS 79	<0.2	2.11	5	5	32	<0.5	<1	0.07	<0.5	52	9.9	27.0	33.8	4.53	
QUDS 80	0.5	3.49	6	5	73	1.2	5	0.04	0.7	58	17.6	42.9	61.9	5.43	
QUDS 81	<0.2	1.71	4	5	22	<0.5	<1	0.03	<0.5	64	10.5	31.0	26.0	3.91	
QUDS 82	0.8	1.73	4	5	25	<0.5	<1	0.12	<0.5	59	12.2	25.3	33.9	3.48	
QUDS 83	0.5	2.15	7	5	23	<0.5	<1	0.07	<0.5	51	12.7	28.7	27.2	3.38	
QUDS 84	<0.2	2.62	3	5	34	0.8	<1	0.02	<0.5	29	6.0	19.4	27.7	3.59	
QUDS 85	<0.2	1.59	5	5	19	<0.5	2	0.03	<0.5	62	12.1	30.8	29.7	3.95	
QUDS 86	<0.2	1.66	4	5	30	<0.5	<1	0.03	<0.5	82	12.9	28.7	37.7	4.07	
QUDS 87	<0.2	1.94	9	5	36	<0.5	<1	0.06	<0.5	72	16.6	34.4	46.0	4.08	
QUDS 88	<0.2	1.34	11	5	30	<0.5	<1	0.06	<0.5	47	7.6	24.2	29.0	4.25	
QUDS 89	0.4	1.87	8	5	42	<0.5	<1	0.07	<0.5	81	18.6	33.9	50.0	4.08	
QUDS 90	<0.2	2.29	6	5	35	<0.5	<1	0.03	<0.5	56	8.9	34.7	31.8	5.54	
QUDS 91	<0.2	2.66	4	5	35	<0.5	<1	0.03	<0.5	43	7.2	28.3	25.5	5.70	
QUDS 92	<0.2	2.76	3	5	46	0.8	<1	0.09	<0.5	27	6.5	20.8	19.7	6.44	
QUDS 93	0.4	1.35	4	5	31	<0.5	<1	0.03	<0.5	39	8.0	19.4	18.5	3.62	
QUDS 94	<0.2	1.94	1	5	50	<0.5	<1	0.03	<0.5	39	5.8	23.5	16.9	5.73	
QUDS 95	<0.2	1.58	4	5	25	<0.5	<1	0.01	<0.5	35	8.2	26.7	20.3	5.81	
QUDS 96	0.4	1.47	4	5	42	<0.5	<1	0.03	<0.5	51	6.2	23.7	25.0	5.07	

Certified By:





Certificate of Analysis

AGAT WORK ORDER: 12V620102

PROJECT NO: COLUMBIA QUEEN

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CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012

DATE RECEIVED: Jul 12, 2012

DATE REPORTED: Aug 09, 2012

SAMPLE TYPE: Soil

Sample Description	Analyte: Unit: RDL:	Ag ppm 0.2	Al % 0.01	As ppm 1	B ppm 5	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01
QUDS 97		0.8	0.46	<1	<5	14	<0.5	<1	0.02	<0.5	33	2.6	6.2	5.7	1.16
QUDS 98		<0.2	1.28	2	<5	23	<0.5	<1	0.01	<0.5	53	8.0	23.0	25.7	5.07
QUDS 99		<0.2	1.70	5	<5	39	0.6	<1	<0.01	<0.5	31	8.5	24.9	21.2	5.75
QUDS 100		0.5	1.16	2	<5	25	<0.5	<1	<0.01	<0.5	27	4.5	18.5	10.5	2.77
QUDS 101		<0.2	1.60	2	<5	25	<0.5	<1	<0.01	<0.5	35	9.3	25.2	21.7	6.09
QUDS 102		<0.2	2.09	<1	<5	24	<0.5	<1	0.02	<0.5	49	8.4	23.0	31.5	4.74
QUDS 103		<0.2	2.86	<1	<5	33	0.8	<1	<0.01	<0.5	36	6.5	20.7	24.8	4.47
QUDS 104		NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
QUDS 105		0.2	1.88	9	<5	26	<0.5	4	0.05	0.7	28	11.5	32.6	27.9	5.42

Certified By:

Certificate of Analysis

AGAT WORK ORDER: 12V620102

PROJECT NO: COLUMBIA QUEEN

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CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012

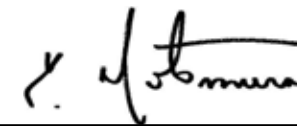
DATE RECEIVED: Jul 12, 2012

DATE REPORTED: Aug 09, 2012

SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
QUDS 1	8	<1	<1	0.09	24	12	0.29	2390	1.4	<0.01	33.0	1210	55.3	37
QUDS 2	6	<1	<1	0.13	22	11	0.32	1720	2.2	<0.01	26.6	1170	43.4	39
QUDS 3	9	2	<1	0.08	24	17	0.36	2240	1.6	<0.01	29.2	1360	50.3	30
QUDS 4	12	1	<1	0.07	25	20	0.48	1330	1.5	<0.01	44.7	1050	33.2	32
QUDS 5	8	<1	<1	0.08	20	13	0.42	2310	1.7	<0.01	26.4	839	29.2	30
QUDS 6	12	<1	<1	0.06	11	15	0.34	1190	1.6	0.01	25.3	6180	25.9	20
QUDS 7	10	<1	<1	0.07	14	16	0.37	2460	1.3	<0.01	19.4	1090	30.4	28
QUDS 8	10	<1	<1	0.05	12	11	0.19	752	2.0	0.01	15.6	1760	16.5	21
QUDS 9	12	<1	<1	0.05	12	10	0.17	929	1.3	0.01	12.4	3220	16.3	16
QUDS 10	7	<1	<1	0.13	31	16	0.51	912	1.0	<0.01	29.8	988	41.9	40
QUDS 11	9	<1	<1	0.07	17	15	0.29	795	1.0	<0.01	16.7	1690	27.9	22
QUDS 12	6	<1	<1	0.10	20	7	0.28	1080	0.6	<0.01	29.4	1030	43.0	22
QUDS 13	8	<1	<1	0.13	21	13	0.39	2030	1.6	<0.01	34.9	1500	62.9	32
QUDS 14	8	<1	<1	0.03	27	11	0.47	809	0.7	<0.01	29.2	695	23.7	13
QUDS 15	7	<1	<1	0.03	25	11	0.52	867	0.9	<0.01	37.3	650	24.8	<10
QUDS 16	6	<1	<1	0.02	18	9	0.48	623	<0.5	<0.01	32.5	647	18.7	<10
QUDS 17	6	<1	<1	0.03	20	10	0.51	681	0.7	<0.01	31.8	748	16.8	<10
QUDS 18	7	<1	<1	0.04	25	10	0.56	757	0.7	<0.01	38.2	785	18.2	<10
QUDS 19	5	<1	<1	0.03	21	11	0.59	740	0.8	<0.01	34.0	830	16.0	<10
QUDS 20	5	<1	<1	0.04	27	11	0.61	825	0.6	<0.01	39.7	695	18.3	<10
QUDS 21	5	<1	<1	0.04	28	11	0.67	883	<0.5	<0.01	40.7	707	16.5	<10
QUDS 22	7	<1	<1	0.03	16	9	0.45	789	0.6	<0.01	29.2	804	19.6	<10
QUDS 23	6	<1	<1	0.04	19	11	0.60	743	0.7	<0.01	30.9	766	17.4	<10
QUDS 24	8	<1	<1	0.05	25	16	0.73	1180	1.4	<0.01	39.8	1320	29.3	16
QUDS 25	12	<1	<1	0.06	15	11	0.48	780	2.9	<0.01	19.7	4170	35.4	16
QUDS 26	10	<1	<1	0.04	15	7	0.27	383	1.1	0.01	22.1	1060	18.8	14
QUDS 27	16	<1	<1	0.05	17	11	0.34	1010	1.8	<0.01	21.9	1260	26.7	13
QUDS 28	5	1	<1	0.02	8	4	0.04	134	0.9	<0.01	6.4	557	9.0	<10
QUDS 29	12	<1	<1	0.03	19	14	0.51	477	<0.5	<0.01	23.5	1320	17.4	16
QUDS 30	11	<1	<1	0.02	10	5	0.04	310	1.8	0.01	10.1	1230	13.3	10
QUDS 31	9	<1	<1	0.04	42	8	0.24	1950	1.5	<0.01	32.7	987	37.1	19
QUDS 32	12	<1	<1	0.03	10	6	0.13	245	1.3	<0.01	9.0	4440	19.6	12

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12V620102
PROJECT NO: COLUMBIA QUEEN

5623 McADAM ROAD
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CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012	DATE RECEIVED: Jul 12, 2012						DATE REPORTED: Aug 09, 2012					SAMPLE TYPE: Soil			
Analyte: Unit: RDL:	Ga ppm 5	Hg ppm 1	In ppm 1	K % 0.01	La ppm 1	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 0.5	Rb ppm 10	
Sample Description															
QUDS 33	17	<1	<1	0.03	17	7	0.19	821	1.7	0.01	11.9	3070	23.2	14	
QUDS 34	13	<1	<1	0.03	14	7	0.25	409	<0.5	<0.01	19.4	1180	30.3	11	
QUDS 35	14	<1	<1	0.03	16	10	0.40	568	1.2	<0.01	22.6	4040	20.0	14	
QUDS 36	16	<1	<1	0.03	13	12	0.45	478	1.1	<0.01	25.2	1290	17.8	15	
QUDS 37	15	<1	<1	0.03	15	10	0.35	1050	4.5	<0.01	29.3	2110	28.4	14	
QUDS 38	8	1	<1	0.03	13	4	0.05	209	1.4	0.01	11.9	1550	13.8	12	
QUDS 39	12	<1	<1	0.04	17	13	0.52	585	2.1	<0.01	27.0	2040	24.4	18	
QUDS 40	12	<1	<1	0.03	17	10	0.31	360	2.0	<0.01	22.5	852	20.0	11	
QUDS 41	9	<1	<1	0.03	19	11	0.38	678	1.2	<0.01	24.7	919	26.4	10	
QUDS 42	7	<1	<1	0.03	18	14	0.60	977	0.6	<0.01	35.2	871	30.4	13	
QUDS 43	5	<1	<1	0.02	11	4	0.03	242	0.8	<0.01	11.5	361	11.5	<10	
QUDS 44	11	<1	<1	0.05	16	12	0.52	850	1.3	<0.01	27.3	2020	32.2	20	
QUDS 45	14	<1	<1	0.04	20	10	0.52	558	<0.5	<0.01	29.9	976	22.1	16	
QUDS 46	10	<1	<1	0.03	18	11	0.47	737	0.9	<0.01	26.6	3250	179	12	
QUDS 47	6	<1	<1	0.04	22	14	0.55	514	0.7	<0.01	36.4	934	22.8	12	
QUDS 48	7	<1	<1	0.03	14	10	0.34	260	0.9	<0.01	22.7	454	14.0	13	
QUDS 49	12	<1	<1	0.04	18	11	0.62	521	<0.5	<0.01	38.0	2570	41.1	12	
QUDS 50	10	<1	<1	0.03	16	7	0.31	291	1.5	<0.01	16.6	445	21.0	<10	
QUDS 51	7	<1	<1	0.02	16	6	0.22	218	0.8	<0.01	14.8	425	12.5	<10	
QUDS 52	8	<1	<1	0.03	15	10	0.50	451	0.6	<0.01	24.8	1220	23.5	10	
QUDS 53	7	<1	<1	0.04	18	16	0.70	549	0.6	<0.01	30.9	924	21.5	14	
QUDS 54	6	<1	<1	0.04	15	19	0.71	477	<0.5	<0.01	28.7	1010	12.9	17	
QUDS 55	6	<1	<1	0.04	18	16	0.62	568	0.6	<0.01	24.4	886	15.1	16	
QUDS 56	13	<1	<1	0.04	26	15	0.61	1170	1.0	<0.01	28.7	4160	33.1	19	
QUDS 57	13	<1	<1	0.03	16	12	0.47	930	<0.5	<0.01	21.8	3570	36.2	10	
QUDS 58	8	<1	<1	0.04	17	18	0.76	467	3.7	<0.01	30.0	1940	26.4	14	
QUDS 59	9	<1	<1	0.03	18	14	0.50	915	1.2	<0.01	23.2	837	17.4	10	
QUDS 60	8	<1	<1	0.03	13	5	0.26	439	1.2	<0.01	14.0	1750	19.0	11	
QUDS 61	11	<1	<1	0.03	18	13	0.38	1190	1.3	<0.01	20.1	1530	31.3	<10	
QUDS 62	13	<1	<1	0.03	14	9	0.48	815	5.1	<0.01	17.9	4810	27.5	10	
QUDS 63	<5	<1	<1	0.02	8	3	0.02	94	<0.5	0.01	6.2	219	3.4	<10	
QUDS 64	16	<1	<1	0.03	15	9	0.42	709	0.7	<0.01	19.2	2910	27.1	13	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12V620102
PROJECT NO: COLUMBIA QUEEN

5623 McADAM ROAD
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CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012

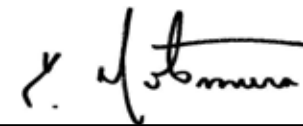
DATE RECEIVED: Jul 12, 2012

DATE REPORTED: Aug 09, 2012

SAMPLE TYPE: Soil

Sample Description	Analyte: Unit: RDL:	Ga ppm 5	Hg ppm 1	In ppm 1	K % 0.01	La ppm 1	Li ppm 1	Mg % 0.01	Mn ppm 1	Mo ppm 0.5	Na % 0.01	Ni ppm 0.5	P ppm 10	Pb ppm 0.5	Rb ppm 10
QUDS 65		10	<1	<1	0.02	22	7	0.19	3030	1.5	<0.01	24.9	2290	81.0	14
QUDS 66		15	<1	<1	0.03	18	8	0.28	590	1.3	<0.01	17.4	1520	21.3	19
QUDS 67		16	<1	<1	0.03	21	10	0.39	817	1.6	<0.01	19.3	674	17.6	24
QUDS 68		14	<1	<1	0.04	16	7	0.14	635	1.3	<0.01	9.6	3200	31.4	25
QUDS 69		10	<1	<1	0.05	18	15	0.44	1600	2.5	<0.01	24.4	1130	51.2	27
QUDS 70		11	<1	<1	0.01	9	10	0.06	113	0.6	<0.01	3.0	262	17.6	<10
QUDS 71		8	<1	<1	0.02	12	10	0.32	345	1.0	<0.01	18.5	480	21.7	14
QUDS 72		12	<1	<1	0.03	17	11	0.41	838	0.6	<0.01	24.3	1240	18.5	22
QUDS 73		9	<1	<1	0.02	13	7	0.12	245	0.8	<0.01	10.1	405	11.9	<10
QUDS 74		16	<1	<1	0.03	21	12	0.53	509	<0.5	<0.01	29.5	611	35.5	13
QUDS 75		8	<1	<1	0.05	20	18	0.81	453	<0.5	<0.01	33.3	980	27.1	14
QUDS 76		8	<1	<1	0.04	24	14	0.51	3430	2.1	<0.01	56.5	1600	162	12
QUDS 77		9	<1	<1	0.03	19	14	0.60	585	1.2	<0.01	29.2	3020	28.7	14
QUDS 78		18	<1	<1	0.03	14	10	0.38	483	<0.5	<0.01	16.9	4880	41.0	14
QUDS 79		9	<1	<1	0.03	17	12	0.48	613	0.8	<0.01	23.2	3040	22.4	12
QUDS 80		23	<1	<1	0.07	22	15	0.42	2870	3.7	<0.01	45.4	1650	71.3	28
QUDS 81		11	<1	<1	0.03	22	13	0.60	619	<0.5	<0.01	28.2	1200	23.6	18
QUDS 82		9	<1	<1	0.02	20	9	0.41	1010	0.8	<0.01	26.8	2440	35.1	<10
QUDS 83		10	<1	<1	0.02	18	10	0.41	869	0.6	<0.01	26.9	2100	19.1	10
QUDS 84		15	<1	<1	0.02	15	5	0.16	487	1.2	<0.01	12.7	2220	28.7	13
QUDS 85		11	<1	<1	0.03	20	14	0.62	553	0.9	<0.01	29.5	2020	22.8	20
QUDS 86		12	<1	<1	0.03	20	18	0.71	583	0.5	<0.01	38.3	1030	24.6	15
QUDS 87		9	<1	<1	0.06	24	22	0.95	646	0.6	<0.01	42.3	1430	30.5	18
QUDS 88		12	<1	<1	0.04	16	8	0.32	784	0.5	<0.01	20.5	1740	24.2	19
QUDS 89		12	<1	<1	0.06	21	20	0.74	1110	1.0	<0.01	41.5	1480	30.5	21
QUDS 90		13	<1	<1	0.04	21	14	0.57	472	3.7	<0.01	28.6	1180	28.1	17
QUDS 91		12	<1	<1	0.03	17	13	0.45	404	<0.5	<0.01	20.7	814	26.9	14
QUDS 92		18	<1	<1	0.03	12	12	0.30	783	4.2	<0.01	15.7	738	26.7	17
QUDS 93		10	<1	<1	0.04	17	9	0.42	1030	0.9	<0.01	19.2	844	19.1	13
QUDS 94		14	<1	<1	0.04	18	11	0.38	496	<0.5	<0.01	17.1	914	23.8	17
QUDS 95		12	<1	<1	0.04	16	12	0.55	532	3.5	<0.01	21.8	1260	19.0	18
QUDS 96		12	<1	<1	0.03	18	8	0.44	239	1.0	<0.01	22.3	1360	18.0	<10

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12V620102

PROJECT NO: COLUMBIA QUEEN

 5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
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<http://www.agatlabs.com>

CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012

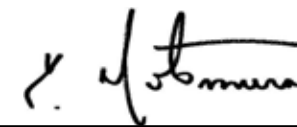
DATE RECEIVED: Jul 12, 2012

DATE REPORTED: Aug 09, 2012

SAMPLE TYPE: Soil

Sample Description	Analyte: Unit: RDL:	Ga ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm
QUDS 97		6	<1	<1	0.03	15	3	0.11	217	0.8	0.01	6.6	278	9.7	<10
QUDS 98		15	<1	<1	0.04	24	7	0.40	759	4.3	<0.01	19.6	1930	18.9	17
QUDS 99		19	<1	<1	0.02	13	8	0.34	478	<0.5	<0.01	21.1	654	22.2	10
QUDS 100		11	<1	<1	0.03	12	8	0.28	172	<0.5	<0.01	12.5	333	11.3	11
QUDS 101		14	<1	<1	0.02	15	9	0.36	378	<0.5	<0.01	21.7	812	29.5	12
QUDS 102		7	<1	<1	0.04	21	16	0.64	292	<0.5	<0.01	24.3	620	25.1	19
QUDS 103		13	<1	<1	0.02	15	11	0.27	362	1.0	<0.01	16.3	607	27.3	17
QUDS 104		NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
QUDS 105		9	<1	<1	0.03	18	16	0.60	690	1.2	<0.01	24.4	1400	32.8	13

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Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012	DATE RECEIVED: Jul 12, 2012					DATE REPORTED: Aug 09, 2012					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample Description															
QUDS 1	0.043	<1	1.0	<10	<5	25.8	<10	<10	<5	0.02	<5	<5	24.9	2	
QUDS 2	0.033	3	<0.5	<10	<5	26.3	<10	<10	<5	0.03	<5	<5	26.7	2	
QUDS 3	0.032	3	0.7	<10	<5	13.0	<10	<10	<5	0.02	<5	<5	29.4	2	
QUDS 4	0.019	2	2.1	<10	<5	11.0	<10	<10	<5	0.07	<5	<5	25.0	<1	
QUDS 5	0.024	3	0.9	<10	<5	10.6	<10	<10	<5	0.04	<5	<5	37.9	3	
QUDS 6	0.034	1	1.1	<10	<5	55.1	<10	<10	<5	0.09	<5	<5	25.5	1	
QUDS 7	0.028	2	1.0	<10	<5	9.2	<10	<10	<5	0.06	<5	<5	35.0	1	
QUDS 8	0.026	4	1.3	<10	<5	14.7	<10	<10	<5	0.07	<5	<5	33.7	2	
QUDS 9	0.034	3	1.4	<10	<5	11.6	<10	<10	<5	0.10	<5	<5	22.0	1	
QUDS 10	0.009	3	2.0	<10	<5	12.6	<10	<10	6	0.04	<5	<5	29.1	1	
QUDS 11	0.029	3	0.9	<10	<5	14.8	<10	<10	<5	0.05	<5	<5	21.4	2	
QUDS 12	0.053	1	1.6	<10	<5	26.0	<10	<10	<5	0.02	<5	<5	16.4	6	
QUDS 13	0.050	3	1.9	<10	<5	31.1	<10	<10	<5	0.02	<5	<5	25.9	3	
QUDS 14	0.011	2	1.2	<10	<5	2.7	<10	<10	10	0.02	<5	<5	16.3	2	
QUDS 15	0.010	<1	1.3	<10	<5	4.4	<10	<10	12	0.01	<5	<5	12.5	<1	
QUDS 16	0.007	<1	0.8	<10	<5	6.0	<10	<10	9	0.01	<5	<5	10.4	<1	
QUDS 17	<0.005	<1	1.0	<10	<5	5.8	<10	<10	6	0.02	<5	<5	12.4	1	
QUDS 18	<0.005	1	1.1	<10	<5	12.2	<10	<10	9	0.02	<5	<5	12.5	<1	
QUDS 19	0.005	<1	0.9	<10	<5	15.9	<10	<10	6	0.02	<5	<5	11.0	1	
QUDS 20	<0.005	<1	1.1	<10	<5	10.3	<10	<10	7	0.01	<5	<5	11.0	1	
QUDS 21	<0.005	<1	1.1	<10	<5	12.8	<10	<10	9	0.01	<5	<5	11.5	<1	
QUDS 22	0.008	2	0.7	<10	<5	6.1	<10	<10	6	0.02	<5	<5	13.4	<1	
QUDS 23	0.008	2	0.8	<10	<5	8.3	<10	<10	<5	0.02	<5	<5	12.2	1	
QUDS 24	0.013	<1	0.9	<10	<5	9.0	<10	<10	5	0.03	<5	<5	18.8	2	
QUDS 25	0.027	3	<0.5	12	<5	7.0	<10	<10	<5	0.04	<5	<5	30.1	3	
QUDS 26	0.021	3	<0.5	<10	<5	5.7	<10	<10	<5	0.06	<5	<5	29.3	2	
QUDS 27	0.023	4	1.1	<10	<5	4.7	<10	<10	<5	0.12	<5	<5	32.2	2	
QUDS 28	0.019	1	0.6	<10	<5	1.8	<10	<10	<5	0.06	<5	<5	18.2	1	
QUDS 29	0.017	<1	0.6	10	<5	5.8	<10	<10	<5	0.05	<5	<5	30.9	2	
QUDS 30	0.017	2	<0.5	11	<5	5.5	<10	<10	<5	0.10	<5	<5	37.2	3	
QUDS 31	0.017	2	2.2	<10	<5	13.9	<10	<10	<5	0.05	<5	<5	27.7	3	
QUDS 32	0.024	2	<0.5	<10	<5	5.0	<10	<10	<5	0.07	<5	<5	26.8	2	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12V620102
PROJECT NO: COLUMBIA QUEEN

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CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012	DATE RECEIVED: Jul 12, 2012					DATE REPORTED: Aug 09, 2012					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample Description															
QUDS 33	0.028	3	1.4	<10	<5	5.9	13	<10	<5	0.14	<5	<5	31.5	2	
QUDS 34	0.025	3	<0.5	<10	<5	6.2	<10	<10	<5	0.07	<5	<5	29.3	2	
QUDS 35	0.021	<1	0.6	<10	<5	5.1	<10	<10	<5	0.10	<5	<5	28.9	2	
QUDS 36	0.019	1	<0.5	<10	<5	5.4	<10	<10	<5	0.06	<5	<5	31.2	3	
QUDS 37	0.024	<1	0.9	<10	<5	5.3	<10	<10	<5	0.09	<5	<5	30.2	3	
QUDS 38	0.018	<1	<0.5	<10	<5	2.9	<10	<10	<5	0.07	<5	<5	23.2	2	
QUDS 39	0.017	1	0.6	11	<5	6.5	<10	<10	<5	0.04	<5	<5	23.8	1	
QUDS 40	0.027	<1	<0.5	<10	<5	6.2	<10	<10	<5	0.05	<5	<5	22.6	2	
QUDS 41	0.021	3	0.7	11	<5	5.1	<10	<10	<5	0.04	<5	<5	15.4	2	
QUDS 42	0.016	1	0.5	12	<5	4.7	<10	<10	<5	0.01	<5	<5	11.4	2	
QUDS 43	0.013	<1	<0.5	<10	<5	2.4	<10	<10	<5	0.04	<5	<5	21.2	1	
QUDS 44	0.019	2	<0.5	10	<5	13.6	<10	<10	<5	0.03	<5	<5	21.4	2	
QUDS 45	0.016	2	<0.5	<10	<5	5.5	<10	<10	<5	0.06	<5	<5	28.1	2	
QUDS 46	0.022	5	<0.5	14	<5	6.8	<10	<10	<5	0.03	<5	<5	15.6	2	
QUDS 47	0.013	1	0.9	<10	<5	6.3	<10	<10	<5	0.03	<5	<5	11.9	1	
QUDS 48	0.015	1	<0.5	<10	<5	5.3	<10	<10	<5	0.04	<5	<5	26.7	2	
QUDS 49	0.021	1	<0.5	<10	<5	7.9	<10	<10	<5	0.04	<5	<5	27.9	2	
QUDS 50	0.018	2	<0.5	<10	<5	4.8	<10	<10	<5	0.04	<5	<5	21.7	2	
QUDS 51	0.008	2	<0.5	<10	<5	4.2	<10	<10	<5	0.03	<5	<5	19.5	2	
QUDS 52	0.013	3	<0.5	<10	<5	7.6	<10	<10	<5	0.04	<5	<5	25.6	1	
QUDS 53	0.013	<1	0.8	<10	<5	5.3	<10	<10	7	0.02	<5	<5	14.9	2	
QUDS 54	0.015	2	<0.5	<10	<5	9.6	<10	<10	<5	0.02	<5	<5	13.7	1	
QUDS 55	0.013	3	0.9	<10	<5	5.3	<10	<10	<5	0.03	<5	<5	16.0	1	
QUDS 56	0.014	1	1.9	11	<5	7.9	<10	<10	<5	0.05	7	<5	36.2	3	
QUDS 57	0.028	1	1.2	<10	<5	8.2	<10	<10	<5	0.05	<5	<5	26.3	1	
QUDS 58	0.013	<1	1.1	14	<5	6.1	<10	<10	<5	0.03	<5	<5	22.0	2	
QUDS 59	0.027	1	0.6	<10	<5	10.6	<10	<10	<5	0.03	<5	<5	15.5	1	
QUDS 60	0.012	2	<0.5	<10	<5	3.7	<10	<10	<5	0.05	<5	<5	23.9	1	
QUDS 61	0.031	2	0.6	<10	<5	6.9	10	<10	<5	0.04	<5	<5	15.6	2	
QUDS 62	0.025	4	<0.5	<10	<5	6.2	<10	<10	<5	0.05	5	<5	20.5	3	
QUDS 63	0.007	<1	<0.5	<10	<5	0.8	<10	<10	<5	0.05	<5	<5	21.1	1	
QUDS 64	0.021	2	<0.5	<10	<5	2.7	<10	<10	<5	0.04	<5	6	22.0	2	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12V620102
PROJECT NO: COLUMBIA QUEEN

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ATTENTION TO: JO SHEARER

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012	DATE RECEIVED: Jul 12, 2012					DATE REPORTED: Aug 09, 2012					SAMPLE TYPE: Soil				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
QUDS 65	0.041	<1	0.8	11	<5	4.2	<10	<10	8	0.03	<5	<5	15.7	3	
QUDS 66	0.023	3	0.6	<10	<5	4.0	<10	<10	6	0.05	<5	<5	23.2	2	
QUDS 67	0.015	<1	<0.5	<10	<5	3.9	<10	<10	5	0.07	<5	<5	29.1	2	
QUDS 68	0.031	2	<0.5	<10	<5	3.1	<10	<10	<5	0.06	<5	<5	28.4	2	
QUDS 69	0.030	1	<0.5	10	<5	6.0	<10	<10	<5	0.03	<5	<5	21.3	2	
QUDS 70	0.019	2	<0.5	<10	<5	2.4	<10	<10	<5	0.09	<5	<5	28.6	2	
QUDS 71	0.024	2	<0.5	<10	<5	3.2	<10	<10	<5	0.02	<5	<5	15.6	1	
QUDS 72	0.017	1	<0.5	<10	<5	4.3	<10	<10	<5	0.04	<5	<5	29.3	2	
QUDS 73	0.020	1	<0.5	<10	<5	3.4	<10	<10	<5	0.05	<5	<5	23.4	1	
QUDS 74	0.019	2	0.6	<10	<5	2.8	<10	<10	5	0.06	<5	<5	27.4	2	
QUDS 75	0.017	3	0.9	<10	<5	6.8	<10	<10	<5	0.04	<5	<5	17.7	1	
QUDS 76	0.026	1	1.4	<10	<5	10.6	<10	<10	9	0.02	<5	<5	12.0	3	
QUDS 77	0.019	<1	0.6	<10	<5	8.5	<10	<10	<5	0.04	<5	<5	20.3	3	
QUDS 78	0.022	2	<0.5	<10	<5	4.7	<10	<10	<5	0.09	<5	<5	35.0	3	
QUDS 79	0.016	<1	0.6	<10	<5	5.5	<10	<10	<5	0.03	<5	<5	20.1	2	
QUDS 80	0.032	2	2.6	<10	<5	5.5	<10	<10	7	0.14	<5	6	65.2	1	
QUDS 81	0.009	2	0.7	<10	<5	4.5	<10	<10	6	0.02	<5	<5	21.7	2	
QUDS 82	0.015	<1	0.7	<10	<5	10.0	<10	<10	5	0.04	<5	<5	18.6	2	
QUDS 83	0.018	2	0.8	<10	<5	4.9	<10	<10	6	0.03	<5	<5	21.3	3	
QUDS 84	0.034	<1	0.9	<10	<5	3.7	<10	<10	<5	0.11	<5	<5	28.8	3	
QUDS 85	0.009	4	0.6	<10	<5	3.1	<10	<10	<5	0.03	<5	<5	24.1	2	
QUDS 86	0.011	2	0.7	<10	<5	3.3	<10	<10	<5	0.04	<5	<5	24.0	2	
QUDS 87	0.008	3	1.0	11	<5	5.8	<10	<10	<5	0.03	<5	<5	20.9	1	
QUDS 88	0.018	3	<0.5	<10	<5	4.7	<10	<10	<5	0.09	<5	<5	39.1	2	
QUDS 89	0.020	<1	0.6	<10	<5	6.4	<10	<10	<5	0.03	<5	<5	24.2	1	
QUDS 90	0.019	<1	0.8	<10	<5	6.3	<10	<10	8	0.03	<5	<5	29.7	3	
QUDS 91	0.026	2	0.6	11	<5	4.7	<10	<10	<5	0.06	<5	<5	28.9	3	
QUDS 92	0.023	<1	<0.5	<10	<5	9.1	<10	<10	5	0.12	<5	5	40.8	4	
QUDS 93	0.021	<1	<0.5	<10	<5	4.7	10	<10	<5	0.03	<5	<5	23.9	2	
QUDS 94	0.020	3	0.5	<10	<5	6.1	<10	<10	<5	0.06	<5	<5	42.2	3	
QUDS 95	0.017	<1	<0.5	<10	<5	4.5	<10	<10	<5	0.03	<5	<5	27.6	3	
QUDS 96	0.026	2	<0.5	<10	<5	6.2	<10	<10	<5	0.07	<5	<5	30.3	3	

Certified By:





Certificate of Analysis

AGAT WORK ORDER: 12V620102

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ATTENTION TO: JO SHEARER

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012

DATE RECEIVED: Jul 12, 2012

DATE REPORTED: Aug 09, 2012

SAMPLE TYPE: Soil

Sample Description	Analyte: Unit: RDL:	S % 0.005	Sb ppm 1	Sc ppm 0.5	Se ppm 10	Sn ppm 5	Sr ppm 0.5	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 5	V ppm 0.5	W ppm 1
QUDS 97		0.014	<1	<0.5	<10	<5	3.1	<10	<10	<5	0.05	<5	<5	23.6	1
QUDS 98		0.017	<1	<0.5	<10	<5	4.4	<10	<10	<5	0.03	<5	<5	25.8	2
QUDS 99		0.027	1	<0.5	18	<5	4.7	<10	<10	9	0.07	<5	5	35.2	4
QUDS 100		0.017	4	1.0	<10	<5	3.2	<10	<10	<5	0.04	<5	<5	35.8	2
QUDS 101		0.026	3	<0.5	14	<5	4.9	<10	<10	8	0.03	<5	<5	29.9	4
QUDS 102		0.019	<1	0.7	10	<5	4.6	<10	<10	9	0.02	<5	<5	15.4	2
QUDS 103		0.032	<1	1.0	<10	<5	3.8	<10	<10	10	0.06	<5	<5	27.1	3
QUDS 104		NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
QUDS 105		0.020	<1	1.8	<10	<5	<0.5	<10	<10	7	0.04	<5	<5	29.4	<1

Certified By:

Certificate of Analysis

AGAT WORK ORDER: 12V620102

PROJECT NO: COLUMBIA QUEEN

 5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012

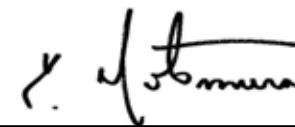
DATE RECEIVED: Jul 12, 2012

DATE REPORTED: Aug 09, 2012

SAMPLE TYPE: Soil

Sample Description	Analyte:	Y	Zn	Zr
	Unit:	ppm	ppm	ppm
	RDL:	1	0.5	5
QUDS 1		9	113	<5
QUDS 2		4	119	<5
QUDS 3		8	150	<5
QUDS 4		6	195	<5
QUDS 5		4	107	<5
QUDS 6		5	130	8
QUDS 7		3	136	<5
QUDS 8		5	108	<5
QUDS 9		7	103	6
QUDS 10		8	198	<5
QUDS 11		6	134	<5
QUDS 12		11	123	<5
QUDS 13		14	210	<5
QUDS 14		11	60.2	6
QUDS 15		11	70.0	<5
QUDS 16		7	58.5	<5
QUDS 17		8	57.3	<5
QUDS 18		9	67.5	<5
QUDS 19		8	61.2	<5
QUDS 20		12	69.4	<5
QUDS 21		11	74.7	<5
QUDS 22		6	56.2	<5
QUDS 23		8	60.3	<5
QUDS 24		7	82.9	6
QUDS 25		3	69.6	<5
QUDS 26		4	43.1	<5
QUDS 27		5	48.6	6
QUDS 28		3	18.5	<5
QUDS 29		4	56.6	5
QUDS 30		2	20.2	6
QUDS 31		25	60.6	<5
QUDS 32		2	26.4	<5

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12V620102

PROJECT NO: COLUMBIA QUEEN

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CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012

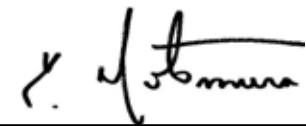
DATE RECEIVED: Jul 12, 2012

DATE REPORTED: Aug 09, 2012

SAMPLE TYPE: Soil

Sample Description	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
QUDS 33		6	32.3	10
QUDS 34		3	48.2	<5
QUDS 35		4	53.4	<5
QUDS 36		4	73.8	<5
QUDS 37		5	79.6	9
QUDS 38		3	26.8	<5
QUDS 39		5	75.0	6
QUDS 40		4	58.1	<5
QUDS 41		5	65.0	<5
QUDS 42		6	88.6	7
QUDS 43		2	21.5	<5
QUDS 44		3	102	<5
QUDS 45		5	68.9	<5
QUDS 46		6	63.9	<5
QUDS 47		6	75.3	9
QUDS 48		3	44.6	<5
QUDS 49		5	67.3	<5
QUDS 50		5	42.5	<5
QUDS 51		4	35.0	<5
QUDS 52		4	56.1	<5
QUDS 53		4	72.8	<5
QUDS 54		4	86.8	<5
QUDS 55		4	80.3	6
QUDS 56		8	67.2	8
QUDS 57		6	77.9	13
QUDS 58		5	71.6	6
QUDS 59		8	77.6	6
QUDS 60		3	31.1	<5
QUDS 61		6	54.6	6
QUDS 62		4	51.7	<5
QUDS 63		2	14.4	<5
QUDS 64		4	52.8	<5

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12V620102

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CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012

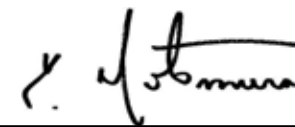
DATE RECEIVED: Jul 12, 2012

DATE REPORTED: Aug 09, 2012

SAMPLE TYPE: Soil

Sample Description	Analyte:	Y	Zn	Zr
	Unit: RDL:	ppm 1	ppm 0.5	ppm 5
QUDS 65		10	57.3	9
QUDS 66		5	43.2	5
QUDS 67		5	52.8	<5
QUDS 68		3	28.9	<5
QUDS 69		4	99.4	<5
QUDS 70		2	13.4	8
QUDS 71		3	44.0	<5
QUDS 72		4	59.4	<5
QUDS 73		3	27.3	<5
QUDS 74		5	72.1	<5
QUDS 75		6	72.6	<5
QUDS 76		16	96.6	11
QUDS 77		6	63.9	5
QUDS 78		3	54.2	5
QUDS 79		5	50.0	<5
QUDS 80		9	84.8	10
QUDS 81		5	69.5	<5
QUDS 82		6	52.8	5
QUDS 83		6	54.3	9
QUDS 84		5	31.4	10
QUDS 85		5	70.8	<5
QUDS 86		7	82.1	<5
QUDS 87		7	91.2	<5
QUDS 88		3	53.0	<5
QUDS 89		6	124	<5
QUDS 90		5	63.6	<5
QUDS 91		4	62.7	6
QUDS 92		4	60.5	18
QUDS 93		3	47.7	<5
QUDS 94		3	60.4	<5
QUDS 95		3	75.7	<5
QUDS 96		4	44.3	<5

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12V620102

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CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Jul 13, 2012

DATE RECEIVED: Jul 12, 2012

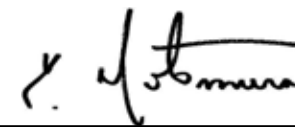
DATE REPORTED: Aug 09, 2012

SAMPLE TYPE: Soil

Sample Description	Analyte:	Y	Zn	Zr
	Unit:	ppm	ppm	ppm
	RDL:	1	0.5	5
QUDS 97		2	21.0	<5
QUDS 98		3	52.8	<5
QUDS 99		3	52.8	5
QUDS 100		2	37.0	<5
QUDS 101		3	62.6	<5
QUDS 102		4	69.9	<5
QUDS 103		4	50.6	25
QUDS 104		NRC	NRC	NRC
QUDS 105		4	61.5	<5

 Comments: RDL - Reported Detection Limit
 Sample NRC: Not Received

Certified By:





Certificate of Analysis

AGAT WORK ORDER: 12V620102
PROJECT NO: COLUMBIA QUEEN

5623 McADAM ROAD
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<http://www.agatlabs.com>

CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 13, 2012

DATE RECEIVED: Jul 12, 2012

DATE REPORTED: Aug 09, 2012

SAMPLE TYPE: Soil

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.002
QUDS 1		0.29	<0.002
QUDS 2		0.23	0.003
QUDS 3		0.29	0.002
QUDS 4		0.45	0.003
QUDS 5		0.34	0.007
QUDS 6		0.31	0.006
QUDS 7		0.33	0.017
QUDS 8		0.23	0.006
QUDS 9		0.21	0.012
QUDS 10		0.48	0.011
QUDS 11		0.30	<0.002
QUDS 12		0.32	0.007
QUDS 13		0.32	0.007
QUDS 14		0.48	<0.002
QUDS 15		0.48	<0.002
QUDS 16		0.64	0.011
QUDS 17		0.58	0.002
QUDS 18		0.48	<0.002
QUDS 19		0.49	0.002
QUDS 20		0.52	0.003
QUDS 21		0.49	<0.002
QUDS 22		0.44	0.009
QUDS 23		0.39	<0.002
QUDS 24		0.38	0.004
QUDS 25		0.41	0.002
QUDS 26		0.32	<0.002
QUDS 27		0.31	<0.002
QUDS 28		0.33	0.002
QUDS 29		0.33	<0.002
QUDS 30		0.31	<0.002
QUDS 31		0.38	0.002

Certified By:

Certificate of Analysis

AGAT WORK ORDER: 12V620102

PROJECT NO: COLUMBIA QUEEN

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<http://www.agatlabs.com>

CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 13, 2012

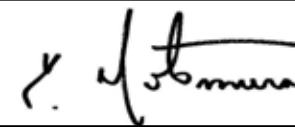
DATE RECEIVED: Jul 12, 2012

DATE REPORTED: Aug 09, 2012

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample Login Weight	Au
	Unit: RDL:	kg 0.01	ppm 0.002
QUDS 32		0.32	0.010
QUDS 33		0.44	<0.002
QUDS 34		0.38	<0.002
QUDS 35		0.42	<0.002
QUDS 36		0.37	<0.002
QUDS 37		0.44	0.011
QUDS 38		0.39	0.002
QUDS 39		0.44	<0.002
QUDS 40		0.34	<0.002
QUDS 41		0.38	<0.002
QUDS 42		0.46	0.009
QUDS 43		0.38	<0.002
QUDS 44		0.42	<0.002
QUDS 45		0.50	<0.002
QUDS 46		0.34	<0.002
QUDS 47		0.42	0.011
QUDS 48		0.35	0.004
QUDS 49		0.30	<0.002
QUDS 50		0.28	<0.002
QUDS 51		0.29	<0.002
QUDS 52		0.36	<0.002
QUDS 53		0.41	<0.002
QUDS 54		0.51	<0.002
QUDS 55		0.34	<0.002
QUDS 56		0.36	<0.002
QUDS 57		0.27	0.002
QUDS 58		0.34	0.009
QUDS 59		0.57	<0.002
QUDS 60		0.33	<0.002
QUDS 61		0.36	<0.002
QUDS 62		0.29	<0.002

Certified By:





Certificate of Analysis

AGAT WORK ORDER: 12V620102

PROJECT NO: COLUMBIA QUEEN

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CANADA L4Z 1N9
TEL (905)501-9998
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CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 13, 2012

DATE RECEIVED: Jul 12, 2012

DATE REPORTED: Aug 09, 2012

SAMPLE TYPE: Soil

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.002
QUDS 63		0.27	<0.002
QUDS 64		0.47	<0.002
QUDS 65		0.31	0.020
QUDS 66		0.40	<0.002
QUDS 67		0.42	<0.002
QUDS 68		0.29	0.004
QUDS 69		0.35	<0.002
QUDS 70		0.25	<0.002
QUDS 71		0.28	0.002
QUDS 72		0.51	0.008
QUDS 73		0.28	<0.002
QUDS 74		0.40	<0.002
QUDS 75		0.47	0.208
QUDS 76		0.47	0.003
QUDS 77		0.33	<0.002
QUDS 78		0.30	0.008
QUDS 79		0.33	<0.002
QUDS 80		0.33	<0.002
QUDS 81		0.43	<0.002
QUDS 82		0.28	<0.002
QUDS 83		0.36	<0.002
QUDS 84		0.35	0.004
QUDS 85		0.26	<0.002
QUDS 86		0.32	0.008
QUDS 87		0.35	<0.002
QUDS 88		0.30	0.005
QUDS 89		0.33	0.002
QUDS 90		0.42	0.004
QUDS 91		0.33	0.002
QUDS 92		0.30	0.002
QUDS 93		0.27	0.003

Certified By:

Certificate of Analysis

AGAT WORK ORDER: 12V620102

PROJECT NO: COLUMBIA QUEEN

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CLIENT NAME: HOMEGOLD RESOURCES LTD.

ATTENTION TO: JO SHEARER

Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 13, 2012

DATE RECEIVED: Jul 12, 2012

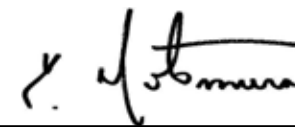
DATE REPORTED: Aug 09, 2012

SAMPLE TYPE: Soil

Sample Description	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.002
QUDS 94		0.33	<0.002
QUDS 95		0.30	0.014
QUDS 96		0.35	<0.002
QUDS 97		0.27	<0.002
QUDS 98		0.36	0.002
QUDS 99		0.30	<0.002
QUDS 100		0.24	<0.002
QUDS 101		0.28	0.012
QUDS 102		0.30	<0.002
QUDS 103		0.33	<0.002
QUDS 104		NRC	NRC
QUDS 105		0.34	0.011

 Comments: RDL - Reported Detection Limit
 Sample NRC: Not Received

Certified By:



Quality Assurance

CLIENT NAME: HOMEGOLD RESOURCES LTD.

AGAT WORK ORDER: 12V620102

PROJECT NO: COLUMBIA QUEEN

ATTENTION TO: JO SHEARER

Solid Analysis											
RPT Date: Aug 09, 2012			REPLICATE			Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
									Lower	Upper	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	3513549	0.4	0.8		< 0.2			80%	120%	
Al	1	3513474	1.22	1.13	7.7%	< 0.01			80%	120%	
As	1	3513474	66	64	3.1%	< 1			80%	120%	
B	1	3513474	< 5	< 5	0.0%	< 5			80%	120%	
Ba	1	3513474	143	140	2.1%	< 1			80%	120%	
Be	1	3513474	0.6	0.6	0.0%	< 0.5			80%	120%	
Bi	1	3513474	< 1	< 1	0.0%	< 1			80%	120%	
Ca	1	3513474	0.413	0.418	1.2%	< 0.01			80%	120%	
Cd	1	3513474	0.6	0.5	18.2%	< 0.5			80%	120%	
Ce	1	3513474	57	50	13.1%	< 1			80%	120%	
Co	1	3513474	19.6	19.7	0.5%	< 0.5			80%	120%	
Cr	1	3513474	16.0	14.4	10.5%	< 0.5			80%	120%	
Cu	1	3513474	39.0	39.1	0.3%	< 0.5	3724	3800	98%	80%	120%
Fe	1	3513474	3.55	3.54	0.3%	< 0.01			80%	120%	
Ga	1	3513474	8	8	0.0%	< 5			80%	120%	
Hg	1	3513474	< 1	< 1	0.0%	< 1			80%	120%	
In	1	3513474	< 1	< 1	0.0%	< 1			80%	120%	
K	1	3513474	0.088	0.069	24.2%	< 0.01			80%	120%	
La	1	3513549	24	22	8.7%	< 1			80%	120%	
Li	1	3513474	12	10	18.2%	< 1			80%	120%	
Mg	1	3513474	0.294	0.274	7.0%	< 0.01			80%	120%	
Mn	1	3513474	2390	2360	1.3%	< 1			80%	120%	
Mo	1	3513549	2.1	2.0	4.9%	< 0.5	340	380	89%	80%	120%
Na	1	3513474	< 0.01	< 0.01	0.0%	< 0.01			80%	120%	
Ni	1	3513474	33.0	32.0	3.1%	< 0.5			80%	120%	
P	1	3513474	1210	1160	4.2%	< 10	535	600	89%	80%	120%
Pb	1	3513474	55.3	54.6	1.3%	< 0.5			80%	120%	
Rb	1	3513474	37	32	14.5%	< 10	14	13	104%	80%	120%
S	1	3513474	0.0427	0.0403	5.8%	< 0.005			80%	120%	
Sb	1	3513549	1	3		< 1			80%	120%	
Sc	1	3513474	1.00	0.82	19.8%	< 0.5			80%	120%	
Se	1	3513474	< 10	< 10	0.0%	< 10			80%	120%	
Sn	1	3513474	< 5	< 5	0.0%	< 5			80%	120%	
Sr	1	3513474	25.8	25.4	1.6%	< 0.5			80%	120%	
Ta	1	3513474	< 10	< 10	0.0%	< 10			80%	120%	
Te	1	3513474	< 10	< 10	0.0%	< 10			80%	120%	
Th	1	3513474	< 5	< 5	0.0%	< 5			80%	120%	
Ti	1	3513474	0.017	0.013	26.7%	< 0.01			80%	120%	
Tl	1	3513474	< 5	< 5	0.0%	< 5			80%	120%	
U	1	3513474	< 5	< 5	0.0%	< 5			80%	120%	
V	1	3513474	24.9	22.8	8.8%	< 0.5			80%	120%	
W	1	3513474	2	2	0.0%	< 1			80%	120%	
Y	1	3513474	9	9	0.0%	< 1			80%	120%	
Zn	1	3513474	113	108	4.5%	< 0.5			80%	120%	

Quality Assurance

CLIENT NAME: HOMEGOLD RESOURCES LTD.

AGAT WORK ORDER: 12V620102

PROJECT NO: COLUMBIA QUEEN

ATTENTION TO: JO SHEARER

Solid Analysis (Continued)												
RPT Date: Aug 09, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
Zr	1	3513474	< 5	< 5	0.0%	< 5				80%	120%	
Fire Assay - Trace Au, AAS finish (202051)												
Au	1	3513474	< 0.002	0.004		< 0.002	1.57	1.52	104%	90%	110%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	3513499	< 0.2	< 0.2	0.0%	< 0.2				80%	120%	
Al	1	3513499	1.29	1.36	5.3%	< 0.01				80%	120%	
As	1	3513574	2	< 1		< 1				80%	120%	
B	1	3513499	< 5	< 5	0.0%	< 5				80%	120%	
Ba	1	3513499	40	40	0.0%	< 1				80%	120%	
Be	1	3513499	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Bi	1	3513499	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	3513499	0.07	0.07	0.0%	< 0.01				80%	120%	
Cd	1	3513499	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Ce	1	3513499	44	43	2.3%	< 1				80%	120%	
Co	1	3513499	7.20	7.57	5.0%	< 0.5				80%	120%	
Cr	1	3513499	23.9	25.1	4.9%	< 0.5				80%	120%	
Cu	1	3513499	27.4	28.5	3.9%	< 0.5	4085	3800	107%	80%	120%	
Fe	1	3513499	3.57	3.85	7.5%	< 0.01				80%	120%	
Ga	1	3513499	10	10	0.0%	< 5				80%	120%	
Hg	1	3513499	< 1	< 1	0.0%	< 1				80%	120%	
In	1	3513499	< 1	< 1	0.0%	< 1				80%	120%	
K	1	3513499	0.04	0.04	0.0%	< 0.01				80%	120%	
La	1	3513499	15	15	0.0%	< 1				80%	120%	
Li	1	3513499	7	7	0.0%	< 1				80%	120%	
Mg	1	3513499	0.27	0.27	0.0%	< 0.01				80%	120%	
Mn	1	3513499	383	408	6.3%	< 1				80%	120%	
Mo	1	3513574	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Na	1	3513499	0.01	0.01	0.0%	< 0.01				80%	120%	
Ni	1	3513499	22.1	23.8	7.4%	< 0.5				80%	120%	
P	1	3513499	1060	1100	3.7%	< 10	515	600	86%	80%	120%	
Pb	1	3513499	18.8	20.3	7.7%	< 0.5				80%	120%	
Rb	1	3513499	14	13	7.4%	< 10	12	13	90%	80%	120%	
S	1	3513499	0.0215	0.0219	1.8%	< 0.005				80%	120%	
Sb	1	3513574	3	3	0.0%	< 1				80%	120%	
Sc	1	3513499	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Se	1	3513499	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	3513499	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	3513499	5.7	5.5	3.6%	< 0.5	327	390	84%	80%	120%	
Ta	1	3513499	< 10	< 10	0.0%	< 10	1	0.9	107%	80%	120%	
Te	1	3513499	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	3513499	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	3513499	0.06	0.06	0.0%	< 0.01				80%	120%	
Tl	1	3513499	< 5	< 5	0.0%	< 5				80%	120%	

Quality Assurance

CLIENT NAME: HOMEGOLD RESOURCES LTD.
 PROJECT NO: COLUMBIA QUEEN

AGAT WORK ORDER: 12V620102
 ATTENTION TO: JO SHEARER

Solid Analysis (Continued)												
RPT Date: Aug 09, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
U	1	3513499	< 5	< 5	0.0%	< 5				80%	120%	
V	1	3513499	29.3	29.6	1.0%	< 0.5				80%	120%	
W	1	3513499	2	2	0.0%	< 1				80%	120%	
Y	1	3513499	4	3	28.6%	< 1				80%	120%	
Zn	1	3513499	43.1	44.9	4.1%	< 0.5				80%	120%	
Zr	1	3513499	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	3513524	0.3	< 0.2		< 0.2				80%	120%	
Al	1	3513524	0.95	0.99	4.1%	< 0.01				80%	120%	
As	1	3513524	3	3	0.0%	< 1				80%	120%	
B	1	3513524	< 5	< 5	0.0%	< 5				80%	120%	
Ba	1	3513524	32	33	3.1%	< 1				80%	120%	
Be	1	3513524	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Bi	1	3513524	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	3513524	< 0.01	< 0.01	0.0%	< 0.01				80%	120%	
Cd	1	3513524	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Ce	1	3513524	37	40	7.8%	< 1				80%	120%	
Co	1	3513524	5.74	5.84	1.7%	< 0.5				80%	120%	
Cr	1	3513524	11.0	11.8	7.0%	< 0.5				80%	120%	
Cu	1	3513524	20.8	22.1	6.1%	< 0.5	4049	3800	106%	80%	120%	
Fe	1	3513524	3.37	3.48	3.2%	< 0.01				80%	120%	
Ga	1	3513524	7	8	13.3%	< 5				80%	120%	
Hg	1	3513524	< 1	< 1	0.0%	< 1				80%	120%	
In	1	3513524	< 1	< 1	0.0%	< 1				80%	120%	
K	1	3513524	0.025	0.028	11.3%	< 0.01				80%	120%	
La	1	3513524	16	18	11.8%	< 1				80%	120%	
Li	1	3513524	6	6	0.0%	< 1				80%	120%	
Mg	1	3513524	0.22	0.23	4.4%	< 0.01				80%	120%	
Mn	1	3513524	218	226	3.6%	< 1				80%	120%	
Mo	1	3513524	0.7	< 0.5		< 0.5				80%	120%	
Na	1	3513524	< 0.01	< 0.01	0.0%	< 0.01				80%	120%	
Ni	1	3513524	14.8	15.2	2.7%	< 0.5				80%	120%	
P	1	3513524	425	450	5.7%	< 10	499	600	83%	80%	120%	
Pb	1	3513524	12.5	13.6	8.4%	< 0.5				80%	120%	
Rb	1	3513524	< 10	< 10	0.0%	< 10	11	13	85%	80%	120%	
S	1	3513524	0.008	0.008	0.0%	< 0.005				80%	120%	
Sb	1	3513524	2	< 1		< 1				80%	120%	
Sc	1	3513524	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Se	1	3513524	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	3513524	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	3513524	4.2	5.7		< 0.5	314	390	80%	80%	120%	
Ta	1	3513524	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	3513524	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	3513524	< 5	< 5	0.0%	< 5				80%	120%	

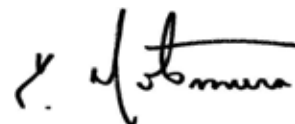
Quality Assurance

CLIENT NAME: HOMEGOLD RESOURCES LTD.
 PROJECT NO: COLUMBIA QUEEN

AGAT WORK ORDER: 12V620102
 ATTENTION TO: JO SHEARER

Solid Analysis (Continued)												
RPT Date: Aug 09, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
							Lower			Upper		
Ti	1	3513524	0.03	0.03	0.0%	< 0.01				80%	120%	
Tl	1	3513524	< 5	< 5	0.0%	< 5				80%	120%	
U	1	3513524	< 5	< 5	0.0%	< 5				80%	120%	
V	1	3513524	19.5	20.1	3.0%	< 0.5				80%	120%	
W	1	3513524	2	2	0.0%	< 1				80%	120%	
Y	1	3513524	4	4	0.0%	< 1				80%	120%	
Zn	1	3513524	35.0	36.9	5.3%	< 0.5				80%	120%	
Zr	1	3513524	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Cu	1					< 0.5	3888	3800	102%	80%	120%	
P	1					< 10	481	600	80%	80%	120%	
Ta	1					< 10	1	0.9	116%	80%	120%	
Th	1					< 5	1.5	1.4	110%	80%	120%	
Fire Assay - Trace Au, AAS finish (202051)												
Au	1	3513487	< 0.002	< 0.002	0.0%	< 0.002	0.286	0.263	109%	90%	110%	
Fire Assay - Trace Au, AAS finish (202051)												
Au	1	3513499	< 0.002	0.003		< 0.002	1.47	1.52	97%	90%	110%	
Fire Assay - Trace Au, AAS finish (202051)												
Au	1	3513512	< 0.002	< 0.002	0.0%	< 0.002	0.247	0.263	94%	90%	110%	
Fire Assay - Trace Au, AAS finish (202051)												
Au	1	3513524	< 0.002	0.002		< 0.002				90%	110%	
Fire Assay - Trace Au, AAS finish (202051)												
Au	1	3513537	< 0.002	< 0.002	0.0%	< 0.002				90%	110%	
Fire Assay - Trace Au, AAS finish (202051)												
Au	1	3513549	0.003	0.003	0.0%	< 0.002				90%	110%	
Fire Assay - Trace Au, AAS finish (202051)												
Au	1	3513562	0.002	0.013		< 0.002				90%	110%	
Fire Assay - Trace Au, AAS finish (202051)												
Au	1	3513574	0.012	0.003		< 0.002				90%	110%	

Certified By: _____



Method Summary

CLIENT NAME: HOMEGOLD RESOURCES LTD.

AGAT WORK ORDER: 12V620102

PROJECT NO: COLUMBIA QUEEN

ATTENTION TO: JO SHEARER

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12019	BUGBEE, E: A Textbook of Fire Assaying	AAS

Appendix IV

Magnetometer Results

July 12, 2012

APPENDIX IV
Magnetometer Survey Revelstoke
COLUMBIA QUEEN PROJECT

with: Sharpe F1 Setting: 30X July 2012

Stations	Comments	
QUDS1	2400	
QUDS2	2400	
QUDS3	2250	before small culvert, 5 meters
		Other test was around truck: 1150=front, right =1100, left =1000 & rear =2350. Five meters
QUDS4	2700	on culvert
QUDS5	2250	Past Culvert 5 meters
		away was 2350 and 10 meters was 2400.
QUDS6	2400	
QUDS7	2400	4 m over large culvert
QUDS8	2400	
QUDS9	2400	
QUDS10	2400	
QUDS11	2400	
QUDS12	2400	
QUDS13	2400	
QUDS14	2400	10 m pass culvert
QUDS15	2400	15 meter measured stations
QUDS16	2400	
QUDS17	2400	
QUDS18	2400	Base Station
		11 U 420240 5679783
QUDS19	2400	
QUDS20	2400	
QUDS21	2400	
QUDS22	2400	
QUDS23	2400	
QUDS24	2400	
QUDS25	2400	
QUDS26	2400	
QUDS27	2400	
QUDS28	2400	
QUDS29	2400	11 U 420401 5679701
QUDS30	2400	
QUDS30.5	2400	Limestone with rusty bedding
QUDS31	2400	
QUDS31.5	2400	Quartz vein with Mineralization
QUDS32	2400	
QUDS33	2400	
QUDS34	2450	
QUDS35	2400	

QUDS36	2400	
QUDS37	2400	
QUDS38	2400	11 U 420497 5679641
QUDS39	2400	
QUDS40	2400	
QUDS41	2400	
QUDS42	2500	
QUDS43	2400	
QUDS44	2400	
QUDS45	2400	
QUDS46	2400	
QUDS47	2400	11 U 420582 5679535

Starting at Base Station QUDS18

25 meter Stations the 0.5 Stations paced out

QUDS18	2550
QUDS18.5	2400

QU1	2400
QU1.5	2400
QU2	2400
QU2.5	2400
QU3	2400
QU3.5	2400

QU4	2400	11 U 420303 5679709
QU4.5	2400	DIRECTLY on graphitic rusty boulder

QU5	2400
QU5.5	2400
QU6	2400

QU6.5	2400		Curve in road going East.
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QU7	2400	11 U 420203 5679727	1161 m
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QU7.5	2400
QU8	2400
QU8.8	2400

QU9	2400	11 U 420190 5679708	1174m
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QU9.5	2400
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Standing over CQCR06 sample= 2400 Magnetometer set on float = 2250

QU10	2400
QU10.5	2400
QU11	2400
QU11.5	2400
QU12	2400
QU12.5	2400

so 0.5 is mid station(11.5 m)- whole number is 25 meter from other whole number

2550 = return reading on Base Station.

Road goes SE deactivated
Starting up deactivated road from QUDS18.5

Curve in deactivated road going west- 1147 m

QU13	2400		
QU13.5	2400		
QU14	2400	11 U 420352 5679653	1189m
QU14.5	2400		
QU15	2400		
QU15.5	2400		
QU16	2400		
QU16.5	2400		
QU17	2400		
QU17.5	2400		
QU18	2400		
QU18.5	2400		
QU19	2400		
QU19.5	2400		
QU20	2400	11 U 420437 5679540	1205 m
QU20.5	2400		
QU21	2400		
QU21.5	2400		
QU22	2400		
QU22.5	2400		
QU23	2400		
QU23.5	2400		
QU24	2400		
QU24.5	2400		

Curve turning westerly on deactivated road

Using soil sampling stations starting at QUDS53 going SW

QUDS53	2400
QUDS53.5	2400
QUDS54	2400
QUDS54.5	2400
QUDS55	2400
QUDS55.5	2400
QUDS56	2400
QUDS56.5	2400
QUDS57	2400
QUDS57.5	2400
QUDS58	2400
QUDS105	2400
QUDS105.5	2400
QUDS83.5	2400
QUDS83	2400
QUDS82.5	2400
QUDS82	2400
QUDS81.5	2400

QUDS81. 2400 above & right on sample
QUDS80 2400
QUDS79 2400
QUDS78 2400 QUDS58 meets QUDS78
QUDS77 2400
QUDS76 2400

Test on float CQCRO7= 2400 No reaction
to magnetometer-

Appendix V

Rock and Soil Descriptions

July 12, 2012

APPENDIX V
Rock and Soil Samples

Date	Sample Code					Comments	GPS location NAD 83	
July 7 2012	Rock Sample							
	QUDD5	float				black,oxidiced,limonite, quartz vein. Blowdown exposes rock.	11 U 420247 5679295	
July 7 2012	QUDD1	Rock/float				rusty quartz, vuggy, thin veins crossing the quartz, a bedded rusty phyllite		
						cut by quartz. Pyritic, 1 mm pyrite crystal.		
	QUDD2	Rock/float				SAMPLE FROM CRUSHER J&L		
	Creek Sediment	sample						
July 7 2012	QUSS01	Sediment				float in creek rusty quartz and Limestone. Stream is 340 degree Azimuth		
July 7 2012	QUSS02	Sediment					419876E 5682283N	
	Soil Sample	Type "B"	Depth	color	Texture	Comments		
July 7 2012	QUDS1	Soil	25 cm	brown	clay/sand	in cedar trees of 30' diameter		
July 7 2012	QUDS2	Soil	25	brown	clay/sand	cedar trees		
July 7 2012	QUDS3	Soil	25 cm	brown	clay/sand	cedar trees		
July 7 2012	QUDS4	Soil	25 cm	brown	clay/sand	float		
July 7 2012	QUDS5	Soil	25 cm	brown	clay/sand	shists		
July 7 2012	QUDS6	Soil	25 cm	brown	clay/sand	micaceous shist		
July 7 2012	QUDS7	Soil	25 cm	brown	clay/sand	micaceous shist- greenstone shist		
July 7 2012	QUDS8	Soil	25 cm	brown	clay/sand	micaceous shist		
July 7 2012	QUDS9	Soil	25 cm	brown	clay/ sand	micaceous shist		
July 7 2012	QUDS10	Soil	25 cm	brown	clay/sand			
July 7 2012	QUDS11	Soil	25 cm	brown	clay / gravel			
July 7 2012	QUDS12	Soil	25 cm	brown	sandy gravel			
July 7 2012	QUDS13	Soil	25 cm	brown	sandy gravel			
July 8 2012	QUDS14	Soil	5 cm	red/brown	clay/sand	Float =phyllitic shist, poor B horizon	11 U 420179 5679785	1126 m
July 8 2012	QUDS15	Soil	5 cm	brown	clay/sand	Float =phyllitic shist, poor B horizon		
July 8 2012	QUDS16	Soil	5 cm	brown	clay/sand	Float =phyllitic shist, poor B horizon		
July 8 2012	QUDS17	Soil	5 cm	brown	clay/sand	Float =phyllitic shist, poor B horizon		
July 8 2012	QUDS18	Soil	5 cm	brown	clay/sand	Float =phyllitic shist, poor B horizon	11 U 420240 5679783	1135 m
July 8 2012	QUDS19	Soil	5 cm	brown	clay/sand	Float =phyllitic shist, poor B horizon		
July 8 2012	QUDS20	Soil	5 cm	brown	clay/sand	Float =phyllitic shist, poor B horizon		
July 8 2012	QUDS21	Soil	5 cm	brown	clay/sand	Float =phyllitic shist, poor B horizon		

July 8 2012	QUDS22	Soil	10cm	brown	clay/sand	Float =phyllitic shist, poor B horizon	11 U 420293 5679753	
July 8 2012	QUDS23	Soil	10cm	brown	clay/sand	Float =phyllitic shist, some rusty float, poor B horizon		
July 8 2012	QUDS24	Soil	20cm	brown	clay/sand	Float =phyllitic shist, poor B horizon		
July 8 2012	QUDS25	Soil	15cm	red/brown	clay/sand	Float= grey micaceous shist, good "B" horizon		
July 8 2012	QUDS26	Soil	35cm	red/brown	clay/sand	Float= grey micaceous shist, good "B" horizon	11 U 420352 5679724	1134 m
July 8 2012	QUDS27	Soil	30cm	red/brown	clay/sand	Float= grey micaceous shist, good "B" horizon		
July 8 2012	QUDS28	Soil	25cm	brown	clay/sand	Float= grey micaceous shist, good "B" horizon		
July 8 2012	QUDS29	Soil	25cm	red/brown	clay/sand	Float= grey micaceous shist, good "B" horizon	11 U 420401 5679701	1132 m
July 8 2012	QUDS30	Soil	15cm	red/brown	clay/sand	outcrop rusty limestone, rusty quartz vein		
July 8 2012	QUDS31	Soil	15cm	red/brown	clay/sand	Float= grey micaceous shist, good "B" horizon	11 U 420413 5679694	
July 8 2012	QUDS32	Soil	20cm	red/brown	clay/sand	out crop grey micaceous shist, good "B" horizon		
July 8 2012	QUDS33	Soil	35cm	orange red	clay/sand	out crop grey micaceous shist, good "B" horizon	11 U 420433 5679682	
July 8 2012	QUDS34	Soil	45cm	red/brown	clay/sand	out crop grey micaceous shist, good "B" horizon		
July 8 2012	QUDS35	Soil	50cm	brown	clay/sand	out crop= grey micaceous shist, good "B" horizon		
July 8 2012	QUDS36	Soil	30cm	brown	clay/sand	out crop= grey micaceous shist, good "B" horizon	11 U 420475 5679662	
July 8 2012	QUDS37	Soil	45cm	red/brown	clay/sand	out crop= grey micaceous shist, good "B" horizon		
July 8 2012	QUDS38	Soil	25cm	red/brown	clay/sand	out crop= grey micaceous shist, good "B" horizon	11 U 420497 5679641	
July 8 2012	QUDS39	Soil	25cm	brown	clay/sand	out crop grey micaceous shist, good "B" horizon		
July 8 2012	QUDS40	Soil	30cm	brown	clay/sand	out crop= grey micaceous shist, good "B" horizon	11 U 420521 5679618	
July 8 2012	QUDS41	Soil	35cm	brown	clay/sand	out crop= grey micaceous shist, good "B" horizon		
July 8 2012	QUDS42	Soil	40cm	red/brown	clay/sand	out crop= grey micaceous shist, good "B" horizon	11 U 420541 5679597	1137 m
July 8 2012	QUDS43	Soil	25cm	brown	clay/sand	out crop= grey micaceous shist, good "B" horizon		
July 8 2012	QUDS44	Soil	20cm	brown/orange	clay/sand	out crop= grey micaceous shist, good "B" horizon		
July 8 2012	QUDS45	Soil	35cm	brown	clay/sand	out crop= grey micaceous shist, good "B" horizon		
July 8 2012	QUDS46	soil	45cm	brown/yellow	clay/sand	out crop= grey micaceous shist, good "B" horizon		
July 8 2012	QUDS47	Soil	55cm	brown/yellow	clay/sand	out crop= grey micaceous shist, good "B" horizon	11 U 420582 5679535	
July 8 2012	QUDS48	Soil	15cm	red/brown	clay/sand	large cedar trees good "B" horizon		
July 8 2012	QUDS49	Soil	15cm	red/brown	clay/sand	cedar trees 30 in diameter- good "B" horizon	11 U 420587 5679523	1147 m
	July 9th							
	QUDS50	Soil	35	Red/Brown	clay/sand	cedar trees 30 in diameter- good "B" horizon	11 U 420466 5679353	1225
	QUDS51	Soil	30	Red/Brown	clay/sand	cedar trees 30 in diameter- good "B" horizon	11 U 420460 5679382	1227
	QUDS52	Soil	25	Red/Brown	clay/sand	cedar trees 30 in diameter- good "B" horizon	11 U 420464 5679402	1226
	QUDS53	Soil	20	Red/Brown	clay/sand	above road curve and cut	11 U 420452	1227

							5679422	
	QUDS54	Soil	15	Red/Brown	clay/sand		11 U 420436 5679447	1229
	QUDS55	Soil	15	Red/Brown	clay/sand		11 U 420419 5679464	1231
	QUDS56	Soil	15	Red/Brown	clay/sand	above old sample CQCR7,	11 U 420294 5679518	1249
	QUDS57	Soil	45	Red/Brown	clay/sand	above old sample CQCR7,	11 U 420284 5679529	1252
	QUDS58	Soil	20	Red/Brown	clay/sand	west of CQCR7	11 U 420279 5679542	1248
	QUDS59	Soil	40	Brown	sand /clay	30 meters east of western drainage.. Start	11 U 419858 5679502	1259
	QUDS60	Soil	25	Red/Brown	clay/sand			1260
	QUDS61	Soil	15	Dark Brown	clay/sand		11 U 419906 5679522	1260
	QUDS62	Soil	30	Brown	clay/sand		11 U 419927 5679534	1247
	QUDS63	Soil	30	Light Brown	clay/sand		11 U 419952 5679547	1244
	QUDS64	Soil	15	Brown/Dark	clay/sand	RUSTY Graphitic shist	11 U 419976 5679559	1243
	QUDS65	Soil	25	Brown	clay/sand	RUSTY Graphitic shist	11 U 420004 5679571	1243
	QUDS66	Soil	20	Brown	sand /clay	gneiss out crop	11 U 420023 5679586	1243
	QUDS67	Soil	20	Brown	clay/sand		11 U 420055 5679593	1245
	QUDS68	Soil	30	Red/Brown	clay/sand		11 U 420081 5679591	1244
	QUDS69	Soil	15	Red/Brown	clay/sand		11 U 420099 5679591	1248
	QUDS70	Soil	15	Red/Brown	clay/sand	13 km painted on rock face	11 U 420120 5679585	1253
	QUDS71	Soil	30	Red/Brown	clay/sand		11 U 420145 5679573	1255
	QUDS72	Soil	15	Red/Brown	clay/sand			
	QUDS73	Soil	25	Red/Brown	clay/sand		11 U 420197 5679570	1255
	QUDS74	Soil	25	Brown	clay/sand			1254
	QUDS75	Soil	25	Brown	clay/sand		11 U 420237 5679556	1254
	QUDS76	Soil	25	Red/Brown	clay/sand		11 U 420257 5679549	1255
	QUDS77	Soil	25	Red/Brown	clay/sand		11 U 420269 5679542	1256
	QUDS78	Soil	20	Brown	clay/sand		11 U 420277 5679536	1258
	QUDS79	Soil	15	Brown	clay/sand	beside QUDS56	11 U 420296 5679511	1279
	QUDS80	Soil	10	Red/Brown	clay/sand		11 U 420307 5679509	1259
	QUDS81	Soil	15	Tan Brown	clay/sand		11 U 420320 5679510	1260
	QUDS82	Soil	15	Dark Brown	clay/sand	black/brown oxidized rusty rock	11 U 420350 5679518	1254
	QUDS83	no	sample					
	QUDS84	Soil	30	red/brown	clay/sand	sampled above CQCR06	11 U 420270 5679657	1177
	QUDS85	Soil	25	brown	clay/sand	sampled above CQCR06		

	QUDS86	Soil	25	light brown	clay/sand	sampled above CQCR06	11 U 420278 5679652	1189
	QUDS87	Soil	25	brown	clay/sand		11 U 420282 5679650	1190
	QUDS88	Soil	25	brown	clay/sand			
	QUDS89	Soil	20	brown	clay/sand		11 U 420286 5679649	1190
	QUDS90	Soil	25	brown rust	clay/sand	BLOW DOWN, sample near root ball	11 U 420253 5679298	1327
	QUDS91	Soil	25	brown rust	clay/sand	BLOW DOWN, sample near root ball	1 U 420236 5679290	1333
	QUDS92	Soil	25	brown rust	clay/sand	BLOW DOWN, sample near root ball	11 U 420243 5679323	1332
	QUDS93	Soil	20	brown	clay/sand	steep hillside 60 degree NE slope or more	11 U 420234 5679342	1329
	QUDS94	Soil	20	brown	clay/sand		11 U 420232 5679363	1331
	QUDS95	Soil	20	brown	clay/sand		11 U 420220 5679392	1331
	QUDS96	Soil	35	Dark Brown	clay/sand			1325
	QUDS97	Soil	10	brown	clay/sand		11 U 420202 5679423	1320
	QUDS98	Soil	25	Dark Brown	clay/sand		11 U 420147 5679460	1350
	QUDS99	Soil	30	red/brown	clay/sand		11 U 420116 5679451	1324
	QUDS100	Soil	45	Light Brown	clay/sand		11 U 420083 5679449	1328
	QUDS101	Soil	30	red/brown	clay/sand		11 U 420039 5679424	1328
	QUDS102	Soil	15	Light Brown	clay/sand		11 U 420007 5679384	1350
	QUDS103	Soil	20	rusty red brown	clay/sand		11 U 419980 5679364	1358
	QUDS104	Soil	20	red/brown	clay/sand		11 U 419993 5679456	1307
	QUDS105	Soil	15	brown	clay/sand		11 U 420399 5679495	
	QUDS106	Soil	15		clay/sand	START line off of main road heading approximately SE	11 U 416741 5682829	880
	QUDS107	Soil			clay/sand			
	QUDS108	Soil			clay/sand			
	QUDS109	Soil			clay/sand			
	QUDS110	Soil			clay/sand			
	QUDS111	Soil			clay/sand			
	QUDS112	Soil			clay/sand			
	QUDS113	Soil			clay/sand			
	QUDS114	Soil			clay/sand			
	QUDS115	Soil			clay/sand			
	QUDS116	Soil			clay/sand			
	QUDS117	Soil			clay/sand			
	QUDS118	Soil			clay/sand			
	QUDS119	Soil			clay/sand			
	QUDS120	Soil			clay/sand			
	QUDS121	Soil			clay/sand			

	QUDS122	Soil						
	QUDS123	Soil	15	Red/Brown	clay/sand			
	QUDS124	Soil	15	Brown	clay/sand		11 U 417544 5682252	1006
	QUDS125	Soil	15	Brown	clay/sand		11 U 417596 5682221	1008
	QUDS126	Soil	15	Red/Brown	clay/sand		11 U 417596 5682221	1016
	QUDS127	Soil	15	red	clay/sand		11 U 417674 5682159	1021
	QUDS128	Soil	15	Brown	clay/sand		11 U 417716 5682129	1026
	QUDS129	Soil	15	Red/Brown	clay/sand		11 U 417767 5682118	1033
	QUDS130	Soil	15	light/brown	clay/sand		11 U 417800 5682084	1035
	QUDS131	Soil	15	light/brown	sand/clay	10 meters west of creek	11 U 417845 5682060	1040
	QUDS132	Soil	25	Red/Brown	clay/sand	beside creek	11 U 417891 5682063	1044
	QUDS133	Soil	25	Red/Brown	clay/sand	10 meters west of creek	11 U 417940 5682038	1045
	QUDS134	Soil	15	Brown	clay/sand		11 U 417993 5682039	1049
	QUDS135	Soil	15	Brown	clay/sand	Rusty Graphitic shist outcrop	11 U 418032 5682070	1055
	QUDS136	Soil	15	Brown	clay/sand	micaceous grey wacke outcrop Strike 224 degrees/ dipping 70 degrees SE	11 U 418078 5682083	1057
	QUDS137	Soil	20	Brown	clay/sand	end of logged area	11 U 418175 5682062	1070
	QUDS138	Soil	20	Brown	clay/sand		11 U 418217 5682030	1074
	QUDS139	Soil	20	Brown	clay/sand		11 U 418259 5682005	1079
	QUDS140	Soil	15	Brown	clay/sand	creek 5 meters west	11 U 418302 5681984	1083
	QUDS141	Soil	20	Brown	clay/sand		11 U 418343 5681952	1087
	QUDS142	Soil	15	Brown	clay/sand	log landing nearby	11 U 418394 5681947	1090
	QUDS143	Soil	20	Brown	clay/sand		11 U 418441 5681945	1092
	QUDS144	Soil	20	Brown	clay/sand		11 U 418486 5681915	1094
	QUDS145	Soil	20	Brown	clay/sand	beginning of old logged off area	11 U 418568 5681846	1099
	QUDS146	Soil	20	Brown	clay/sand		11 U 418608 5681835	1105
	QUDS147	Soil	15	Brown	clay/sand	Rusty/Micaceous/ shist Out crop	11 U 418660 5681826	1109
	QUDS148	Soil	15	Brown	clay/sand		11 U 418709 5681821	1114
	QUDS149	Soil	15	Brown	clay/sand		11 U 418752 5681805	1118
	QUDS150	Soil	15	Brown	clay/sand	End of road	11 U 418769 5681804	1119
	QUDS107A	Soil	0-5	GREY	duff/leached soil		11 U 416965 5681708	1297
	QUDS107B	Soil	5- 15cm	red/brown	clay/sand	clasts sub rounded/ some angular		
	QUDS107C	Soil	15-30	brown	clay/sand	clasts sub rounded		

	QUDS107D	Soil	30-45	khaki grey brown	clay/sand			
	QUDS108A	Soil	0-5	GREY	duff/leached soil	some angular clasts	11 U 420212 5679884	1196
	QUDS108B	Soil	5-15 cm	rusty brown	clay/sand			
	QUDS108C	Soil	15- 30cm	brown	clay/sand			
	QUDS108D	Soil	30-45 cm	brown/grey	clay/sand	sub-angular clasts		
	QUDS109A	Soil	0-3 cm	grey	duff/leached soil		11 U 420190 5679708	1174
	QUDS109B	Soil	3-15 cm	red/brown	clay/sand	sub angular clasts granuales		
	QUDS109C	Soil	15-30	brown	clay/sand			
	QUDS109D	Soil	30-45	brown	clay/sand	compact		
	QUDS109E	Soil	45-60	light brown	clay/sand	compact		
	QUDS110A	Soil	0-5 CM	grey	duff/leached soil		11 U 416720 5682866	896 m
	QUDS110B	Soil	5-15 CM	red/brown	clay/sand	clasts sub rounded/ some angular		
	QUDS110C	Soil	15- 30cm	brown	clay/sand	clasts sub rounded/ some angular		
	QUDS110D	Soil	30-45 cm	brown	clay/sand	clasts sub rounded/ some angular		
	QUDS110E	Soil	45-60 cm	brown	clay/sand	clasts sub rounded/ some angular		