

ASSESSMENT REPORT

THE AURO PROPERTY

**BC Geological Survey
Assessment Report
33032**

Claim:

646683 and 831124

53°8' 3" N 124°.43' 20"W

NTS Sheet: 093F .006, .007, .016, .017

**Omineca Mining Division
British Columbia**

**888 – 700 WEST GEORGIA ST.
Vancouver, BC V7Y 1G5**

**OWNER:
GOLD REACH RESOURCES LTD.
Vancouver, BC V7Y 1G5**

By

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December 8th , 2011

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1 Summary

The Auro Property is situated on the Nechako Plateau of central British Columbia, approximately 120 kilometres south west of Vanderhoof and 160 kilometres west of Quesnel. The claims are located within the Omineca Mining Division, centered at 53° 6' north latitude and 124° 54' west longitude on NTS Sheet: 093F .006, .007, .016, .017. The property consists of one mineral claim totaling 14,026 ha.

The property is situated along the eastern margin of the Stikine Terrane, west of the structural contact with the Cache Creek Terrane and immediately south of the Skeena Arch. Strata of the Stikine Terrane in central and east-central British Columbia comprise superposed island and continental margin arc assemblages and epicontinental sedimentary sequences.

Gold Reach Resources undertook an exploration program from May 21st to July 30th 2011 which consisted of 3009.7 meters of diamond drilling from 13 NQ drill holes. 567 samples core samples were sent for assay. The 2011 drilling program tested a 5 km by 5 km square area. The holes were drilled in an area of deep cover and were targeted based on induced polarization geophysical anomalies and indirect surface geochemical techniques.

The drilling results have provided valuable information on lithological units present on the exploration area and the relation of the lithologies to gold/copper mineralization. The drill core samples have outlined areas of elevated gold, copper and molybdenum. No significant zones of mineralization were found the drill holes.

2 Terms of References

This report has been written to fulfil the requirements for filing assessment work under the British Columbia Mineral Tenure Act. It describes exploration work undertaken on the Auro Property from May-July, 2011. This report is not compliant with National Instrument 43-101 and Form 43-101F1, and should not be used as a "Technical Report" under National Instrument 43-101.

The authors' understanding of the regional geology and property geology are a direct result of work performed by Diakow, L. J. and Levson V.M., 1997. The geology section of this report is taken directly from Diakow (1997).

3 Property Description and Location

The Auro Property is located within the Omineca Mining District approximately 125 km southwest of Vanderhoof, British Columbia (NTS Sheet 93 F .006, .007, .016, .017 Figure 1). The property consists of two mineral claims, 646683 and 831124, totaling 14,432.46 ha. See Table 1 for details.

	Tenure Number	Claim Name	Map Number	Issue Date	Good To Date	Area (ha)
1	646683	AURO PROPERTY	093E/02	2010/aug/05	2021/sep/01	14025.98
2	831124	PRINCESS	093E/02	2009/oct/03	2021/sep/01	407.18

Table 1: Details on Mineral claims at Auro property

Gold Reach has a 100% interest in the property. There is an underlying NSR, 2% of which may be bought for \$1,000,000 in cash or stock at any time.

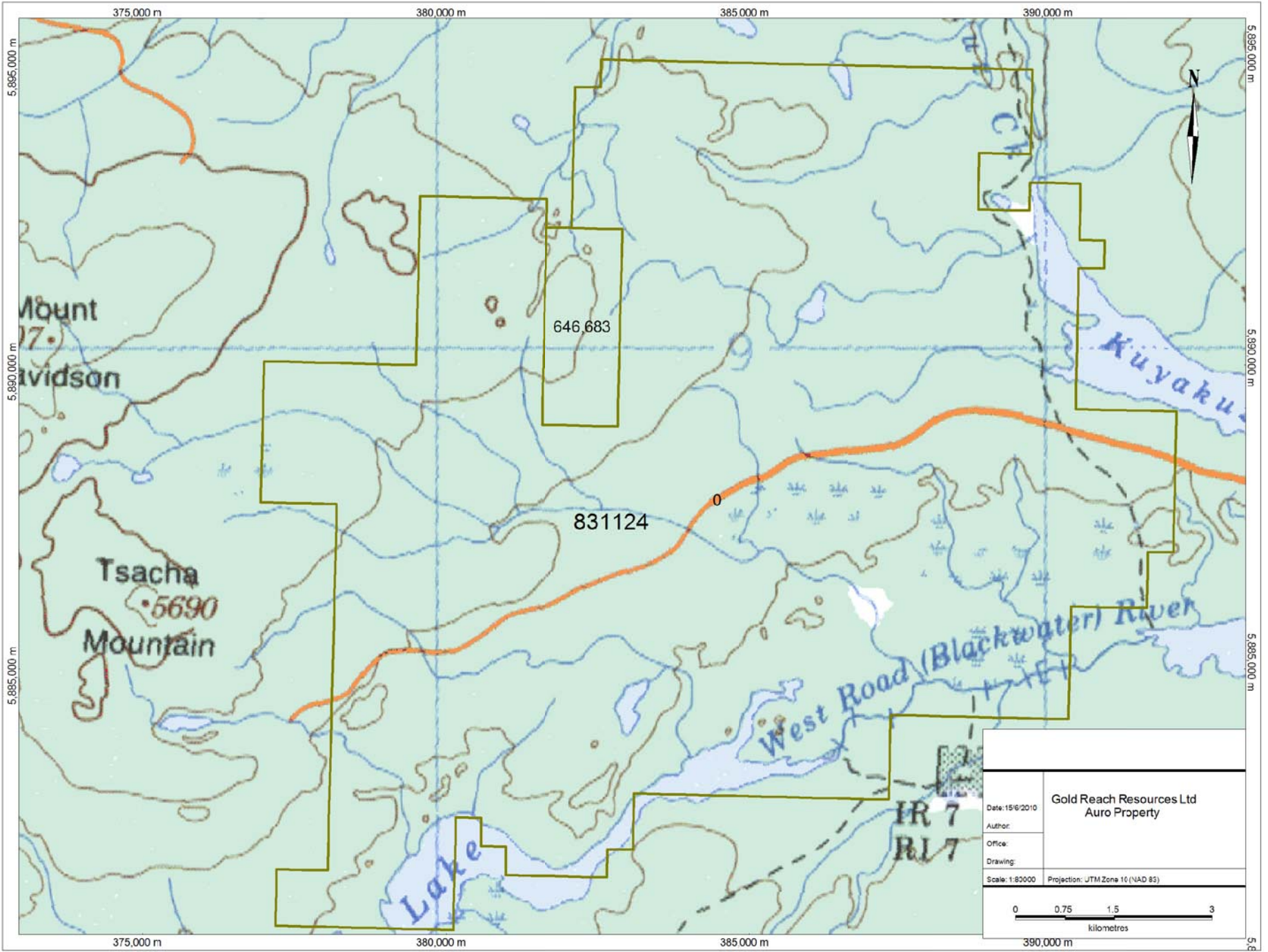
Figure 1 shows the general location of the Property, and Figure 2 illustrates the mineral claims location.

Total expenditures for the 2011 Exploration Program, that qualify as assessment work, is \$845,787 in the name of Gold Reach Resources Ltd. A detailed breakdown of the expenditures is contained in Appendix A.

Figure 1: General Location of Property



Figure 2: Auro Property and Mineral Claims



4 Access, Local Resources, Infrastructure, and Physiography

The Auro Property is situated on the Nechako Plateau of central British Columbia, approximately 120 kilometres south west of Vanderhoof and 160 kilometres west of Quesnel. The claims are located within the Omineca Mining Division, centered at 53° 6' north latitude and 124° 54' west longitude, NTS Sheet: 93F .006, .007, .016, .017

Topography is moderate with elevations ranging from approximately 1,125 metres a.s.l. to the summit of Tsacha Mountain at 1,725 metres a. s.l. The property is accessible via a network of logging roads leading southwest from Vanderhoof. Permission to access the forestry roads may require a road use agreement with any of the forestry companies active in the area. Clear-cut logging has been conducted on several blocks within the claim boundary.

5 Regional Geology

After Diakow 1997

The property is situated along the eastern margin of the Stikine Terrane, west of the structural contact with the Cache Creek Terrane and immediately south of the Skeena Arch. Strata of the Stikine Terrane in central and east-central British Columbia comprise superposed island and continental margin arc assemblages and epicontinental sedimentary sequences.

Island arc volcanism and associated sedimentation in central Stikine Terrane spans Late Triassic to Middle Jurassic time. Elsewhere in Stikinia, remnants of Early Devonian to Permian arc volcanic rocks are known (Monger, 1977). The oldest strata exposed in east-central Stikinia are fossiliferous Upper Triassic sediments sporadically exposed in the Smithers area (Tipper and Richards, 1976b; MacIntyre et al., 1996) that closely resemble flows of the Stuhini Group. These outcrop near fine-grained marine sediments containing the Carnian to early Norian bivalve *Halobia* in the Fulton Lake map area. These rocks are possibly coextensive with fossil-bearing Upper Triassic marine sediments mapped along the western margin of the Stikine Terrane in the Whitesail Lake (van der Heyden, 1982) and Terrace (Mihalynuk, 1987) map areas, where they crop out in close proximity to Lower Permian carbonates (van der Heyden, 1982). Early and Middle Jurassic rocks of the Hazelton Group stratigraphically overlie the Stuhini Group throughout much of Stikinia. The Hazelton Group is a lithologically varied island arc succession composed of subaerial and submarine volcanics locally inter-layered with marine sediments (Tipper and Richards, 1976a).

Island arc volcanism commenced in Middle Jurassic time, broadly coincident with a protracted event of terrane accretion and the subsequent overlap of older arc strata by widespread Upper Jurassic and Lower and mid-Cretaceous flysch and molasse deposits. Terrane accretion began possibly as early as Bajocian time, resulting in structural juxtaposition of oceanic Cache Creek Terrane onto Stikinia, and led to early development of the Bowser Basin and shale deposited in a starved marine environment (Ricketts and Evencek, 1991; Tipper and Richards, 1976a). Overlying coarse clastic rocks, consisting largely of conglomerate shed from the uplifted Cache Creek Terrane, record fluvial transport and progradation of deltaic deposits along the periphery of the basin. The Skeena Arch became an uplifted area and sediment source for northerly flowing drainages into the southern part of the Bowser Basin from mid-Oxfordian to earliest Early Cretaceous times. During parts of the Early and Late Cretaceous, sediments sourced from the northeast and east record initial deposition of nonmarine and shallow marine sediments of the Sustut and Skeena groups.

In south and south-central Stikinia, contemporaneous deposits of sandstone, siltstone, and conglomerate are widespread and suggest that a number of smaller sedimentary basins may have been connected (e.g., Nazko Basin; Hunt, 1992).

Regional contractional deformation, documented in widely separated areas of the Stikine Terrane in the Taseko-Pemberton (Garver, 1995), and the Spatsizi (Evenchick, 1991; Evenchick and McNicoll, 1993) map areas as a middle and Late Cretaceous event. This orogenic event coincides with the transition from sedimentary deposition to continental margin arc volcanism. Definitive evidence of Cretaceous contractional deformation in the intervening region of central Stikinia, particularly in the Nechako River map area, has not yet been recognized. However, a domain of cleaved rocks with local zones of mylonite in the Nechako Range may be the record of this event.

Continental margin arc volcanism began in south and central Stikine Terrane in Late Cretaceous time and continued episodically into the Eocene with eruption of the Kasalka, Ootsa Lake, and Endako groups. The Upper Cretaceous Kasalka Group unconformably overlies the Skeena Group. The Kasalka Group records construction of isolated volcanic centres as the magmatic front apparently migrated from the Coast Belt eastward across the Stikine Terrane over a period of nearly 30 million years, ending in the latest Cretaceous time. Robust continental arc magmatism was re-established during Middle and late Eocene time with eruption of the Ootsa Lake and Endako groups. This volcanism appears to be closely linked to regional crustal transtension in central British Columbia, manifest in up-welling of high-grade metamorphic rocks in core complexes (Ewing, 1980) and major strike-slip faults, such as the Tatla Lake Metamorphic Complex adjacent to the Yalakom fault in the Anahim Lake map area (Friedman and Armstrong, 1988).

Miocene and younger volcanism, represented by the Chilcotin Group, is dominated by transitional basalts that formed flat-lying lava fields, mainly in southern Stikinia. The Chilcotin Group is interpreted to have erupted in a back-arc setting, east of the Pemberton-Garibaldi arc (Souther, 1991, Bevier, 1983a,b). Shield volcanoes, comprising the Anahim Belt, are locally perched on the plateau-forming Chilcotin lavas. They consist of distinctive peralkaline volcanoes which erupted between 8.7 and 1.1 Ma above a mantle hotspot (Bevier et al., 1979; Souther, 1986; Souther and Souther, 1994).

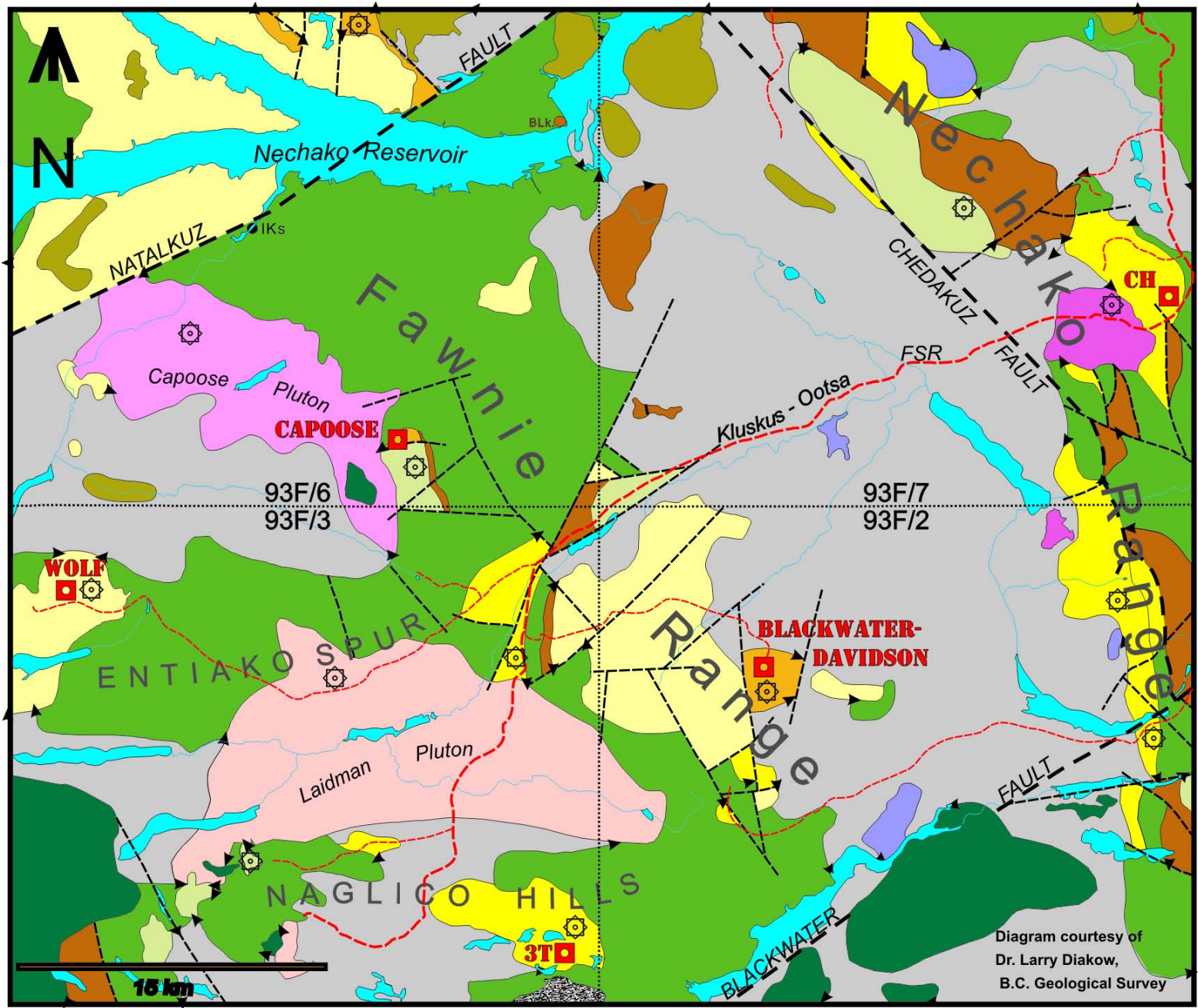


Figure 3: Regional Geology

Diagram courtesy of
Dr. Larry Diakow,
B.C. Geological Survey

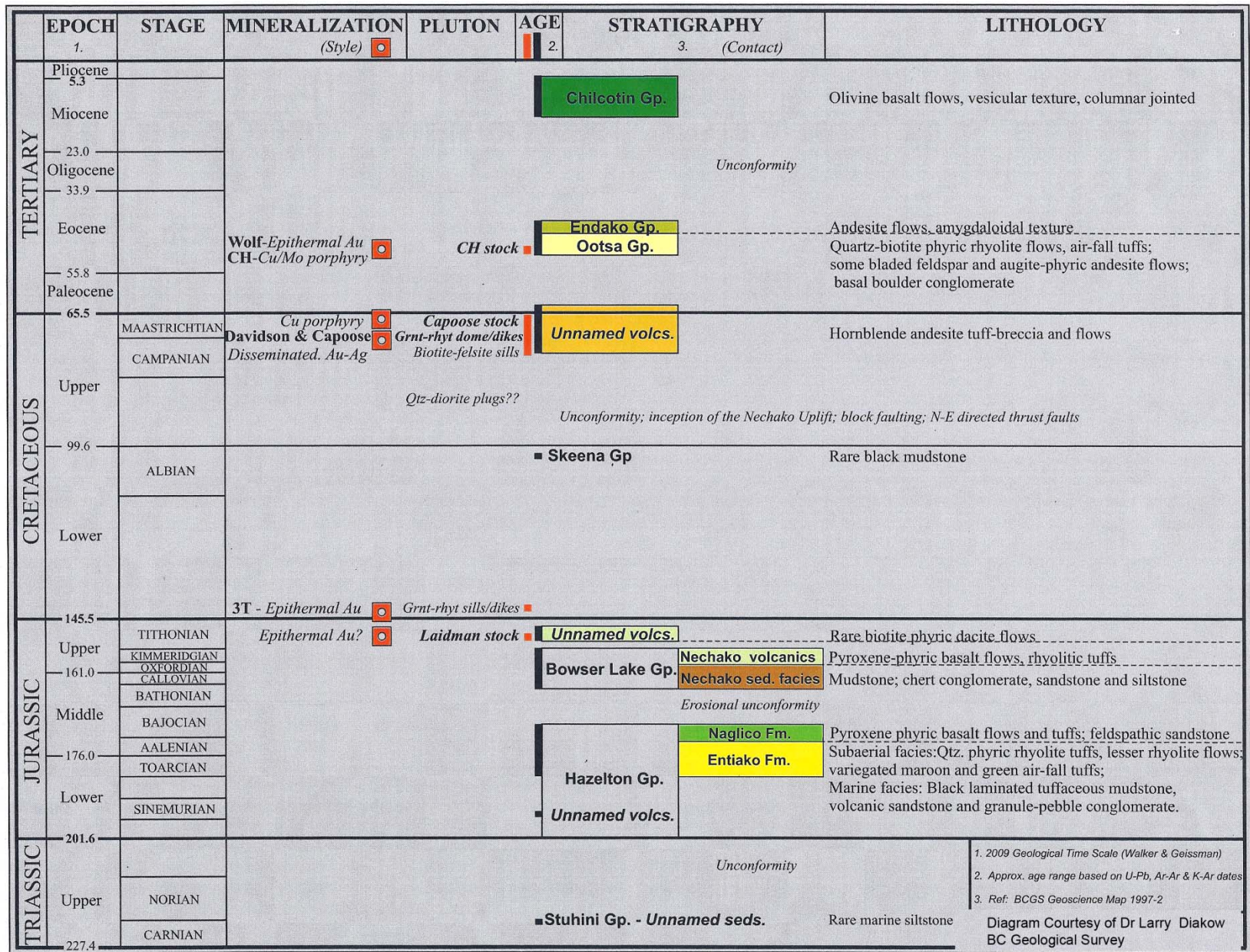


Figure 4: Regional Legend

Summary of stratigraphic and plutonic units underlying the Nechako Uplift and their temporal relationship with mineralizing events.

6 Property Geology

after Diakow 1997

6.1 Naglico Formation

The Naglico formation is dominated by augite-phyric mafic flows, lesser tuffs, and scarce intervolcanic marine sediments.

The internal lithology varies in rocks of the Naglico formation, no single section is representative; however, certain lithological features persist over broad areas. The primary lithologies include dark *green* and sometimes maroon, massive weathered flows of basalt and andesite. Augite phenocrysts are a diagnostic feature of these flows, commonly comprising 1 to 3 volume percent as vitreous prisms averaging between 1 and 2 millimetres long (in rare instances, 5 to 15 millimetres in length). Despite partial to complete replacement of augite by chlorite, epidote, carbonate, and opaque granules, they generally retain their prismatic habit. Plagioclase is the primary constituent in all flows that include a number of textural varieties such as sparsely porphyritic, fine-grained crowded plagioclase porphyry to coarse-grained porphyry. Plagioclase is slender, less than 2 millimetres long, in amounts up to 35 volume percent in the crowded varieties.

Dense aphanitic basalts are commonly interlayered with the more voluminous porphyritic flow varieties. They are lava flows with a fine granular aphanitic texture that sometimes display millimetre-thick resistant laminae protruding from smooth weathered surfaces. Thin sections of these rocks reveal olivine and augite grains occupying interstices between plagioclase microlites. A representative suite, comprised of both pyroxene-bearing and aphanitic lavas, has a compositional range of basalt to basaltic andesite. Major and trace elements indicate they are subalkaline with a low-potassium tholeiitic to calcalkaline trend of island arc affinity.

Generally, sedimentary rocks tend to comprise thin recessive beds that rarely crop out and are commonly found as angular sedimentary debris churned up in road cuts and logging cut blocks near more diagnostic lithologies of the Naglico formation. The main feature of these intervolcanic sediments is their immaturity, characterized by the high proportion of angular plagioclase and volcanic-lithic detritus. The dominant lithologies include feldspathic sandstone and siltstone, tuffaceous argillite, locally prominent volcanic conglomerate, and scarce limestone. Fossils are nearly always present, varying in abundance from a few indeterminate belemnites and bivalves to zones containing a rich and varied fauna. A solitary sonniniid ammonite extracted from limestone suggests a probable early Bajocian age for the Naglico formation underlying much of the Entiako Spur (Collection GSC C- 143394; H.W. Tipper, Report 72-1994-HWT).

6.2 Ootsa Lake Group

The Ootsa volcanic field in map area is against the older basement of the Nechako uplift. South of the fault, Ootsa Lake volcanic strata form outliers that cap high-standing Jurassic rocks along the Fawnie Range and Entiako Spur.

Ootsa Lake strata unconformably overlie Upper Cretaceous volcanics and have an estimated minimum composite thickness of 450 metres. The lowermost unit consists of dark grey, massive and amygdaloidal andesite flows with amygdules infilled by silica, calcite, and epidote. These flows are minor members within a gradationally overlying bladed-feldspar porphyritic andesite section that is locally up to 100 metres thick. Typically these rocks are dark grey-green and contain diagnostic plagioclase laths between 5 and 15 millimetres long (20-40% by volume) and pyroxene (5-10% by volume). These units generally appear beneath an upper, conformable section of felsic rocks made up of volumetrically minor dacite flows and more prevalent rhyolite flows and tuffs. The dacitic rocks, which commonly weather to flaggy porcellaneous fragments, are light green or grey and contain tabular feldspar phenocrysts 2 to 3 millimetres long (5-10% by volume) and slender hornblende phenocrysts 1 to 3 millimetres long. Rhyolitic rocks occupy the stratigraphic top of the Eocene sequence north of the Nataalkuz fault. The flows are typically chalky white and pink coloured and display a variety of textures that includes porphyritic and thinly laminated flows, massive flows and flow breccias, and rare interlayered pitchstones. Spherulites are common in rocks that have undergone varying degrees of devitrification. Phenocrysts up to 3 millimetres in diameter comprise up to 20% of the rhyolite flows and include, in order of abundance, plagioclase, potassium feldspar, quartz (<3%) and biotite (1-2%). Air-fall tuffs, sometimes inter-layered with the rhyolite flows, consist of white and light green, massive to well bedded ash, crystal, crystal-lapilli and lapilli-block tuffs. A section of graded crystal-lapilli tuffs more than 200 metres thick crops out along the north side of Nataalkuz Lake.

The tuffs contain a phenocryst assemblage of feldspar, quartz, and biotite. Lithic fragments are fine grained, subangular to angular and predominantly felsic volcanic rocks. Carbonized wood fragments and rare upright tree trunks observed in the rhyolitic tuff unit attest to subaerial deposition. A massive aphanitic rhyolite, with conspicuous parallel joints, is exposed in the canyon walls along the Entiako River near its confluence with the Nechako Reservoir.

Stratigraphy in the Mount Davidson outlier consists of two lithologically distinct rhyolite flow and pyroclastic members that bound an intervening andesite flow member. The lower rhyolite bears a close lithologic resemblance to rocks forming the top of the Eocene sequence north of the Nataalkuz fault. It consists of off-white, mauve and pale green flows, interflow breccia, and scarce lapilli tuff. Typically these rhyolitic rocks have thinly laminated and aphyric textures, however, some are sparsely porphyritic and contain plagioclase, quartz, and biotite phenocrysts. Fine laminae in the flows are commonly overgrown in part by spherulites, which coalesce and form discontinuous layers that obscure the primary textures. Scarce lithophysae are also present. The middle andesite member is mainly composed of massive flows, with lesser flow breccia and some laharic deposits that conformably overlie rhyolitic rocks. The flows contain slender plagioclase phenocrysts up to 6 millimetres long and sometimes rounded amygdules, filled with chlorite and opalescent and crystalline silica, set in a dark green groundmass. The lithologic similarity of these rocks to those of the Naglico formation and Nechako volcanics makes separating the successions difficult. In general, Eocene andesites in the area are relatively unaltered and vitreous pyroxene, although present, is more abundant in the Jurassic rocks. The upper rhyolite member consists of pyroclastic flows and related tuffs that thicken locally to 250 metres within a small volcanic subsidence structure centred on Mount Davidson. The rocks thin outward from the main area of subsidence, with the farthest outcrops north of Top Lake and south of Tsacha Mountain forming isolated exposures that rest

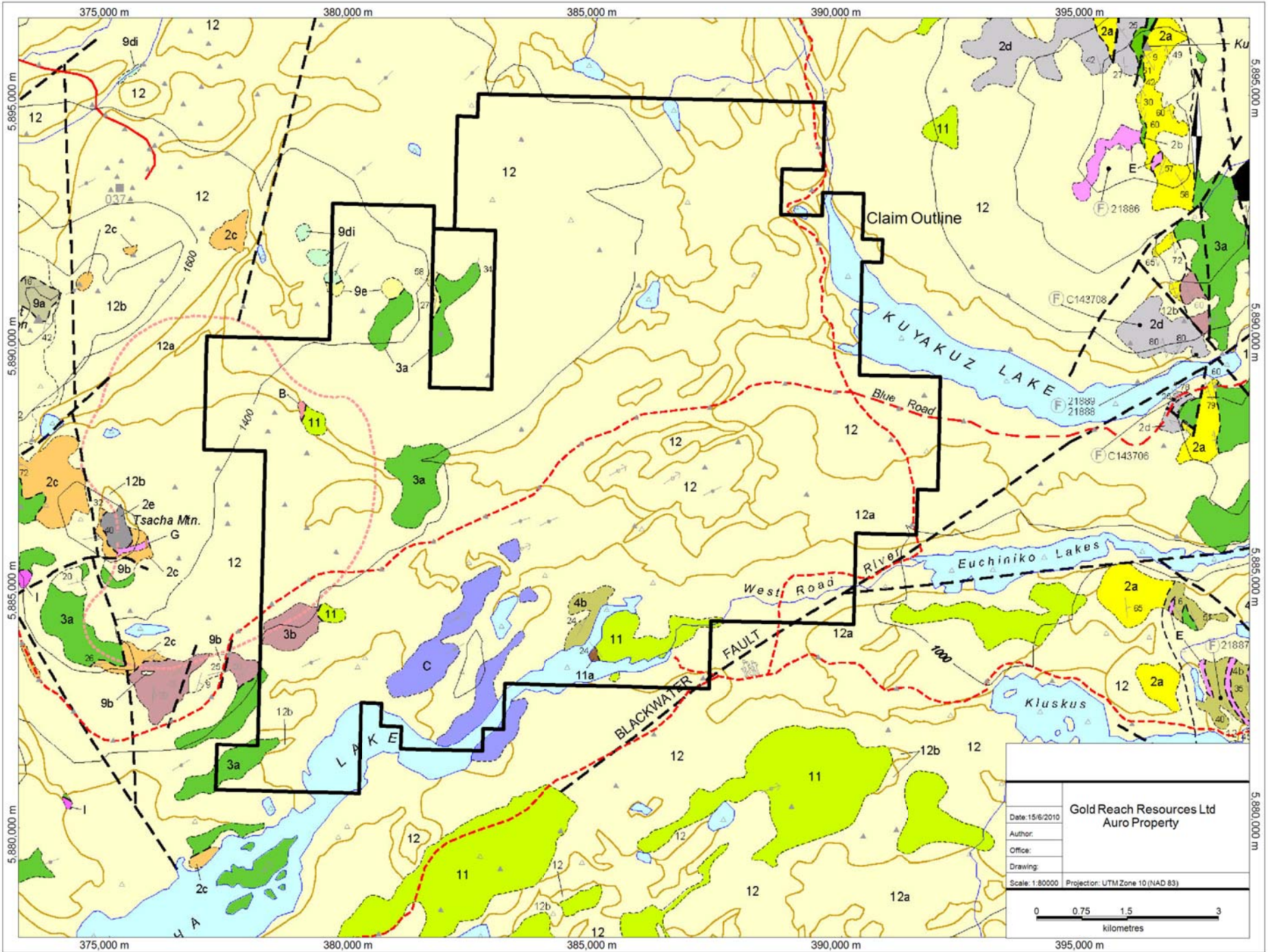
directly on Jurassic rocks. The main lithology is massive, blocky weathered, uniformly welded ash-flow tuff that forms resistant benches, some dominated by cooling features resembling columnal joints. The ash-flows typically contain up to 35% broken crystals, usually less than 3 millimetres in diameter, and lithic fragments within a grey indurated matrix. Quartz is very diagnostic (3-10%), commonly occurring as clear euhedra between 1 and 4 millimetres in diameter. The lithic fragments are mainly porphyritic lapilli and fewer blocks of andesitic composition. Thin discontinuous volcanoclastic-epiclastic deposits locally cap the upper rhyolitic member along the Mount Davidson ridge. These deposits are only a few to 10 metres thick and consist of poorly sorted blocks and lapilli beds, and less common mudstone and siltstone interbeds. The fragments are subangular to subrounded and consist of coarse-grained plagioclase and pyroxene that resemble andesitic flows characteristic of the Naglico formation. Quartz and some biotite grains are found with plagioclase in the matrix of the coarse deposit and some of the finer grained beds. These remnants are interpreted as post-subsidence fill, derived in part from high-standing Jurassic rocks and deposited with thin lacustrine mudstone and siltstone over locally subsided ash-flow tuff.

6.3 Chilcotin Group

Basalt lava flows of the Chilcotin Group are the youngest rocks mapped in the area. Chilcotin lavas exposed in the area mark the northern margin of the extensive Neogene volcanic field that underlies much of the southern Interior Plateau (Mathews, 1989). The Blackwater River coincides with a profound physiographic change from a highland underlain by Mesozoic rocks of the Nechako uplift in the north, to a plateau comprised of thick, flat-lying basaltic lavas of the Chilcotin Group to the south (Bevier, 1983a, Mathews, 1989), on which late-Miocene and younger shield volcanoes of the Anahirn volcanic belt (Souther and Souther, 1994) are perched. South of Tsa'cha Lake and the Blackwater River, the plateau is rimmed by an escarpment that exposes more than 150 metres of basaltic flows. North of the Blackwater River, the Chilcotin Group crops out between 1000 and 1400 metres elevation.

Basalt of the Chilcotin Group is massive and commonly columnar jointed. Individual flows commonly grade through massive into vesicular and oxidized scoriaceous and brecciated flow tops. They weather light brown and fresh surfaces are black with a dense aphanitic texture. Unaltered olivine phenocrysts are conspicuous in a dark black aphanitic groundmass; plagioclase laths between 1 and 1.5 centimetres long are present, only rarely. Chilcotin Group rocks to the south indicate a broad Miocene-Pliocene range (Mathews, 1989) of differentiated porphyritic phases. Rocks in contact with these equigranular intrusions are generally thermally metamorphosed to biotite hornfels.

Figure 5: Property Geology



VOLCANIC AND SEDIMENTARY ROCKS

LATE QUATERNARY

- Fluvial/glaciofluvial sand and gravel, lacustrine/glaciolacustrine sediments, and organic deposits; geochemical signature generally regional and difficult to trace to source; includes floodplain, terrace, delta, alluvial fan, outwash, esker, kame, peat bog, swamp and marsh deposits. *Note: See 1:50 000 scale Open File maps for internal subdivisions of this unit.*
- 12 Morainal diamicton: dominantly basal tills; some glacially-derived debris flow deposits; geochemical signature generally local and traceable; diamicton massive or crudely stratified, dense, unsorted to very poorly sorted; matrix sandy to silty clay; clasts up to boulder size; flutings and crag-and-tail features common; deposits thin (<1 m thick) on steep upper slopes and thicker on lower slopes.
- 12a Resedimented glacial debris: sandy diamicton, gravel and sand; dominantly glacial debris flow deposits with interbedded and/or overlying sands and gravels; common along meltwater channels and within areas of hummocky topography.
- 12b Thin till and colluvial deposits: unsorted or very poorly sorted diamicton with abundant angular clasts of local bedrock; occurs mainly as veneers less than 1 metre thick over bedrock in upland areas; locally includes thicker colluvial fan and talus deposits at the base of steep slopes.

NEOGENE - MIOCENE TO PLIOCENE

CHILCOTIN GROUP

- 11 Olivine basalt lava flows: weather brown, crudely layered and columnar jointed, massive to vesicular, typically aphanitic or olivine phyric.
- 11a Rare friable black mudstone and sandstone; may contain plant debris.

MIDDLE EOCENE

OOTSALAKE GROUP

- 9a Andesitic lava flows and volcanoclastic rocks: dark green to maroon, coarsely porphyritic flows and tuff breccia; minor interbedded ash-tuff; rare block tuff and laminated black siltstone on the summit of Mount Davidson.
- 9b Rhyolitic ash-flow tuff: grey green, unwelded to weakly welded, crystal fragments (25-30%) characterized by resorbed and prismatic quartz (5-15%, avg. 2mm diameter), plagioclase, potassium feldspar (2-7%) and rare sericitized biotite, lithic fragments (5-20%) typically of lapilli size consist of cognate quartz phyric rhyolite, flow banded and aphanitic rhyolite, and porphyritic andesite; the groundmass when stained indicates weak to moderate potassium feldspar; minor block-lapilli tuff, rare bedded sections of quartz-bearing sandstone derived from the underlying ashflows.
- 9c Dacitic lava flows: light grey, flaggy weathering, sparse plagioclase, quartz and biotite phenocrysts.
- 9d Andesitic lava flows: maroon and dark green, typically porphyritic with 20-30% slender plagioclase up to 5 millimetres and sparse pyroxene phenocrysts, minor amygdaloidal flows with quartz, epidote and chlorite amygdules; Subunit 9di is a local andesitic flow member that contains plagioclase laths up to 1.2 cm, resembling Unit 10a.
- 9e Rhyolitic lava flows (ca. 49.2 ± 1 to 49.9 ± 1.7 Ma): mauve, cream, light green or grey, aphanitic to sparsely porphyritic, flow laminated textures predominate but are commonly overprinted by solitary and coalescing spherulites, porphyritic flows contain plagioclase, up to 5% quartz and traces of rare sericitized biotite; autobrecciated flows. Basal conglomerate, dominated by hornblende-biotite quartz monzonite cobbles and boulders; occurs in a creek exposure at the Wolf mineral prospect, east of Entiako Lake.
- 9et Fine ash to lapilli tuff dominated by rhyolitic fragments, locally up to 15% quartz phenocrysts; well bedded, minor lacustrine tuffaceous sandstone and siltstone interbeds may contain plant fragments.

LOWER AND MIDDLE JURASSIC

HAZELTON GROUP

NAGLICO FORMATION (BAJOCIAN)

- 4b Similar to Unit 4a except conglomeratic layers are minor or absent. In the central and southern Nechako Range, the proportion of conglomerate decreases and sandstones interlayered with black siltstone and mudstone increases. The chert-bearing succession thins dramatically to the west across the Chedakuz Creek valley towards the northern Fawnie Range, where conglomeratic layers comprise discontinuous thin interbeds within drab olive green sandstones and siltstones that contain abundant plagioclase and lesser pyroxene grains. Mudstones may contain recessive limy concretions. Bivalves and ammonites are moderately abundant.

LOWER AND MIDDLE JURASSIC

HAZELTON GROUP

NAGLICO FORMATION (BAJOCIAN)

- 3a Basalt and andesitic lava flows: dark green and maroon, characterized by vitreous pyroxene phenocrysts (trace to 15%), textural varieties include dense aphanitic flows, crowded plagioclase (~30-40% equant subhedral plagioclase ≤ 3 mm in diameter) to coarse grained porphyries (plagioclase to 6 mm), and amygdaloidal porphyry; minor flow breccia; rare hyaloclastite. Epidote, quartz, calcite and hematite are widespread as clots and in veinlets. This unit is lithologically similar, to, and therefore easily confused with pyroxene-phyric rocks of Unit 5.
- 3b Lapilli tuff, ash tuff and crystal-ash tuff, rare accretionary lapilli tuff, maroon and light green; minute (generally ≤ 1.5 mm) broken quartz grains are diagnostic but scarce (1-2%); faint to distinctly layered fine grained interbeds, local internal grading; similar bedded tuffs recur upsection in Unit 5 in the northern Fawnie Range.

Symbols

Stratigraphic contact (approximate)
Intrusive contact (approximate)	-----
High angle fault (assumed)	-----
Thrust fault (assumed)	-----
Bedding, flow layering	-----
Foliation	-----
Fossil locality [macrofossil (F), palynology (Fp); GSC location number] (F) C143834
Age determination site [method Ar-Ar (A), K-Ar (K), U-Pb (U); age in m.y. (Ma)] (A) K 174Ma
subscripts (separate analyzed): b-biotite, h-hornblende, t-titanite, wr- whole rock, z-zircon
Ice flow direction	----->
Fluting	----->
Till geochemistry site
Lake sediment geochemistry site
MINFILE occurrence 039
Major all weather logging road, secondary road, trail	-----

7 Exploration History

In the late 1960's, Rio Tinto Canadian Exploration Ltd. carried out stream and lake sediment sampling surveys throughout the Nechako Plateau.

The BC Geological Survey undertook a regional lake sediment sampling program throughout portions of the 93F map sheet in 1993.

In 2010 Gold Reach Resources undertook a DIGHEM electromagnetic/resistivity/magnetic survey. The survey coverage consisted of approximately 1487 line-km, including 45 line-km of tie lines as well as a soil sampling program which consisted of 2700 soil samples taken on the western half of the property.

8 Auro Property 2011 Exploration

A diamond drill program was conducted on the Auro property from May 28th to July 30th, 2011. In total, 3009.7 meter of core was drilled in 13 drillholes. Nine drill holes made use of existing road access and 4 holes required helicopter access.

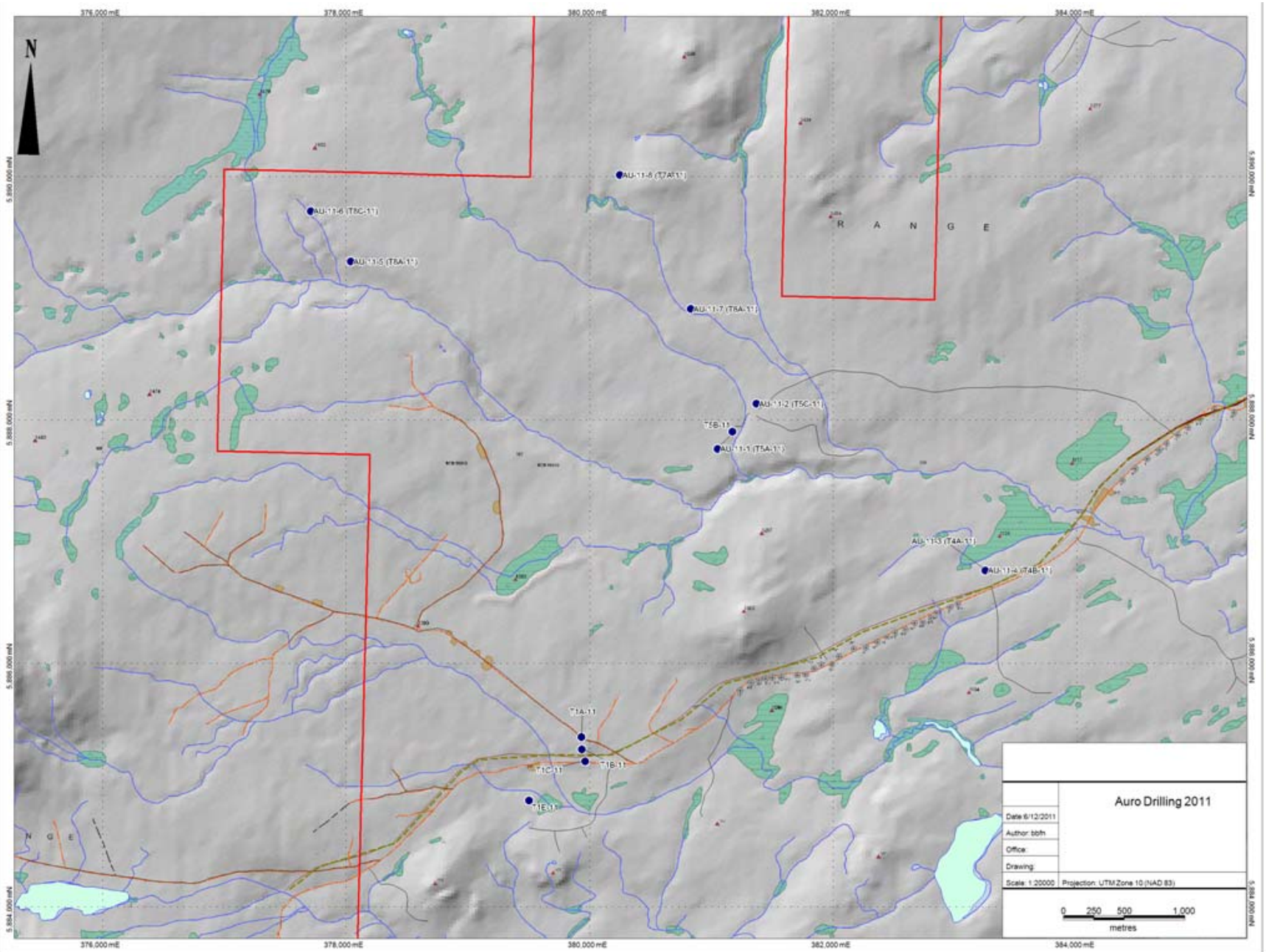
The locations of the drill holes are shown on Figure 7, and details of the holes are given in Table 2. Drill logs and maps are presented in Appendix B, a list of samples that were submitted for analyses and their core intervals are presented in Appendix C. Appendix D shows the complete list of analyses.

All drilling was carried out by Full Force Diamond Drilling using Model A-5 drill rigs. Both day and night shifts were utilized. Pad construction was done by CJL Exploration from Smithers, BC. A Pacific Western Helicopters Model BA - A Star was utilized for the helicopter access drilling.

Table 2: Drill holes data, Auro drill project, 2011. All coordinates are in NAD 83 Zone 10

#	Hole #	Depth (m)	Azimuth	Dip	Easting	Northing	Started	Finished
1	AU-11-1 (T5A-11)	313.9	180	-60	381050	5887770	June-08-11	June-11-11
2	AU-11-2 (T5C-11)	353.6	330	-60	381370	5888140	June-11-11	June-14-11
3	AU-11-3 (T4A-11)	106.7	90	-50	383250	5886770	June-14-11	June-15-11
4	AU-11-4 (T4B-11)	103.5	270	-50	383250	5886770	June-15-11	June-15-11
5	AU-11-5 (T8A-11)	295.7	0	-90	378039	5889309	June-18-11	June-21-11
6	AU-11-6 (T8C-11)	396.2	330	-60	377713	5889725	June-23-11	June-25-11
7	AU-11-7 (T6A-11)	182.9	0	-90	380830	5888920	June-27-11	June-28-11
8	AU-11-8 (T7A-11)	301.8	270	-78	380250	5890020	June-30-11	July-02-11
9	T1A-11	168.5	0	-90	379934	5885400	May-28-11	May-30-11
10	T1B-11	192.9	0	-90	379938	5885300	June-01-11	June-03-11
11	T1C-11	179.8	0	-90	379963	5885200	May-31-11	June-01-11
12	T1E-11	167.3	0	-90	379502	5884880	June-04-11	June 5,2011
13	T5B-11	246.9	0	-90	381175	5887912	June-05-11	June-07-11
TOTAL		3009.7						

Figure 7: Location of 2011 drill holes, Auro project



See APPENDIX B for better resolution map

8.1 Core handling and logging

Core was delivered to the core shack after each drill shift. The core was logged on site geotechnically and geologically, and photographed. Logging was done by Bob Krause and Maja Kiridzija P. Geo. Samples for the analytical work were taken in variable lengths and intervals depending on the mineralization and lithological contacts (see Appendix C for complete details). Intervals are measured and marked on the core boxes where sample tags are stapled at the beginning of each interval.

After logging, core was sawed in half lengthwise using a diamond saw. Half the core was placed in standard heavy poly sample bags with the pre-printed sample tag in a zip log baggy; the whole is then closed with zip ties. Sample bags were placed in labelled and addressed rice sacks, and placed on pallets for shipping to the commercial laboratory (see below). The remaining half core is kept for reference in the core box stored on site at Auro camp.

All rock samples were taken directly to Acme Analytical Laboratories in Smithers, BC for processing, and then sent by Acme to Vancouver, BC where they were analyzed for 36-element ICP-MS with a Group 1DX 2 analysis. See Appendix D for details on analytical methods and procedures. A witness sample of each rock sample was retained and is available for viewing.

8.2 Analytical procedures

Analysis was done by Acme Analytical Laboratories (Vancouver) Ltd. Samples were transported from the Auro camp by road to the Acme lab in Smithers, B.C. where they were crushed, split and pulverized to standard 200 mesh pulps, which were subsequently shipped by Acme to their laboratory in Vancouver for analysis.

All rock samples passed through sample prep, sample digestion, sample analyses and quality control and data validation in Acme Analytical laboratories (see Appendix E for details).

As part of the 1DX 2 package, pulp sample splits of 0.5 grams were leached by 1:1:1 Aqua Regia digestion for analysis by ICP-MS for 36 elements. Detection limits for individual elements are shown on the assay certificates (see Appendix D). Gold was analysed by standard fire assay techniques and additional 52 elements by induced coupled plasma (ICP).

8.3 Quality control

Core samples were submitted to Acme with a complement of quality control samples comprising blanks and standards. Certified standards and blanks were inserted at an approximate ratio of one for every 20 samples.

The certified reference standards were purchased from CDN Resource Laboratories Ltd., an independent laboratory located in Langley, BC. The standard used was gold ore reference material CDN-GS-1P5C with a gold concentration 1.56 +/- 0.13 g/t that was prepared using a variety of siliceous ores.

Duplicate samples were obtained by quartering the drill core sample from the selected interval (splitting one half of the core into two quarters). The two quarter-core samples were then submitted to the assay laboratory as a duplicate pair.

8.4 Drilling Results

Drilling on the Auro property was conducted in order to test targets identified by induced polarization geophysical anomalies and indirect surface geochemical techniques. Results of the drill core logging identified lithological units and mineralization that explained high chargeability/resistivity and geochemical targets. The summarized report on the main lithological features in AURO cores is attached as Appendix F.

The best mineralization was found in the hole AU11-1 (T5A-11) between 245m-300m where massive chalcopyrite, molybdenite, pyrothite, and pyrite were found as disseminations on fractures. The high chargeability target was explained by disseminated sulphides and fine grained granodiorite. The drill Sections are listed in Appendix G of this report.

8.4.1 Drill hole AU11-1 (T5A-11)

AU11-1 (T5A-11) consists of granodiorite, volcanics, hornfels, and mineralized granodiorite.

Mineralization is present as massive and disseminated chalcopyrite, molybdenite, pyrothite, and pyrite on fractures mainly between 245-300 meters depth.

The high chargeability anomaly was probably caused by disseminated sulphides and finer silicate (fine grained granodiorite). The presence of silicate rock is the likely cause of the resistivity signature.

8.4.2 Drill hole AU11-2 (T5C-11)

AU11-2(T5C-11) consists of veins intersecting volcanics that transfer into volcanic/greywacke at 134m and then into leucite basalt at 189m, and hornfels at 289m.

Mineralization is present as clusters of disseminated pyrite and chalcopyrite between 187m-330m.

The high chargeability and resistivity target was explained by disseminated sulphides and fine grained granodiorite.

8.4.3 Drill holes AU11-3 (T4A-11) and AU-11-4 (T4B-11)

Drill holes AU-11-3 (T4A-11) and AU-11-4 (T4B-11) were geochemical targets which contained no visible mineralization.

AU11-3 (T4A-11) consists of andesite tuff with spherulitic nodules (filled with calcite) that transfers into pervasively weathered and oxidized brecciated volcanic.

AU11-4 (T4B-11) consists of vesicular basalt that transfers into gray volcanics with parallel flow bandings.

8.4.4 Drill hole AU-11-5 (T8A-11)

AU-11-5 (T8A-11) consists of quartz diorite that transfers into granodiorite at 119m.

Mineralization is presented by pyrite stringers at 30° to the core axes through the whole length.

The chargeability signature is most likely caused by these sulphide stringers and silicate intrusive rocks.

8.4.5 Drill hole AU-11-6 (T8C-11)

AU-11-6 (T8C-11) has a thick cover (85m) that transfers into quartz diorite and at 125m transits into mineralized granodiorite.

Mineralization is represented as pyrite, chalcopyrite, and molybdenite in stringers, clusters, and as disseminated grains in granodiorite and fine grained xenoliths from 124m-395m.

The high chargeability anomaly was explained by disseminated sulphides and the resistivity anomaly by the silicate intrusive.

8.4.6 Drill hole AU11-7 (T6A-11)

AU-11-7 (T6A-11) consists of 38m of overburden, water, and sand until 117.7m then trends into volcanics.

There is no visible mineralisation in this hole.

The chargeability anomaly was likely caused by water moving through the faults as the drillcore was watery and sandy until 117.7m.

8.4.7 Drill hole AU11-8 (T7A-11)

AU-11-8 (T7A-11) consists of brecciation, veins, intersected volcanics, and sediments (argillite/grawyacke and mudstone). Graphite intervals were marked at 159m, 205m, and 240m.

Mineralization is presented as pyrite, pyrotite, and lesser chalcopyrite in veinlets and as disseminated grains.

The high chargeability anomaly is explained by the graphite intervals and disseminated sulphides.

8.4.8 Drill hole T5B-11

T5B-11 consists of medium grained granodiorite and mafic volcanics.

Mineralization is present as chalcopyrite, pyrite, and molybdenite brecciations and disseminations between 129m-181m.

The chargeability anomaly of this target was explained by disseminated sulphides.

8.4.9 Drill holes T1C-11, T1A-11, T1B-11 and T1E-11

Holes T1C-11, T1A-11, T1B-11, and T1E-11 were drilled on geochemical targets. No visible mineralization was found in these holes.

9 Conclusions and Recommendations

No significant zones of mineralization were encountered in the drill holes. Most of the drill holes encountered a large coarsely crystalline intrusive body containing localized zones of quartz sulfide veining associated with patchy zones of potassium feldspar or sericite alteration, pyrite, and minor chalcopyrite and molybdenite.

The information gathered from the current phase of drilling has helped to define the extent of the large intrusive body on the Auro Property. Company geologists speculate that this intrusive body could share a genetic relationship with Blackwater-Davidson style mineralization.

Exploration will now focus on the zones outward from the intrusive, targeting prospective host rocks at similar elevations and distance from the intrusion using the Blackwater-Davidson deposit as a model. To date less than 10% of the property has been systematically explored.

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11 Certificates

I Derrick Strickland, of 888-700 West Georgia Street, in the City of Vancouver in the Province of British Columbia do hereby certify that:

1. I am a Consulting Geologist working in Vancouver, British Columbia. Who was a contract supervisor for Gold Reach Resources Ltd's for this particular program.
2. I hold a Bachelor of Science in Geology (1993)
3. I have been employed in the mineral exploration industry since 1987 and have practiced my profession since graduation.
4. The information for this report has been taken from government and old geological reports and work undertaken by Gold Reach Resources Ltd.
5. I am a member in good standing with Association of Professional Engineers, Geoscientist of British Columbia.
6. The assessment costs presented in this report are true and accurate to the best of my knowledge.

DATED at Vancouver, British Columbia, this 8th day of December 2011



Derrick Strickland, P.Geol.

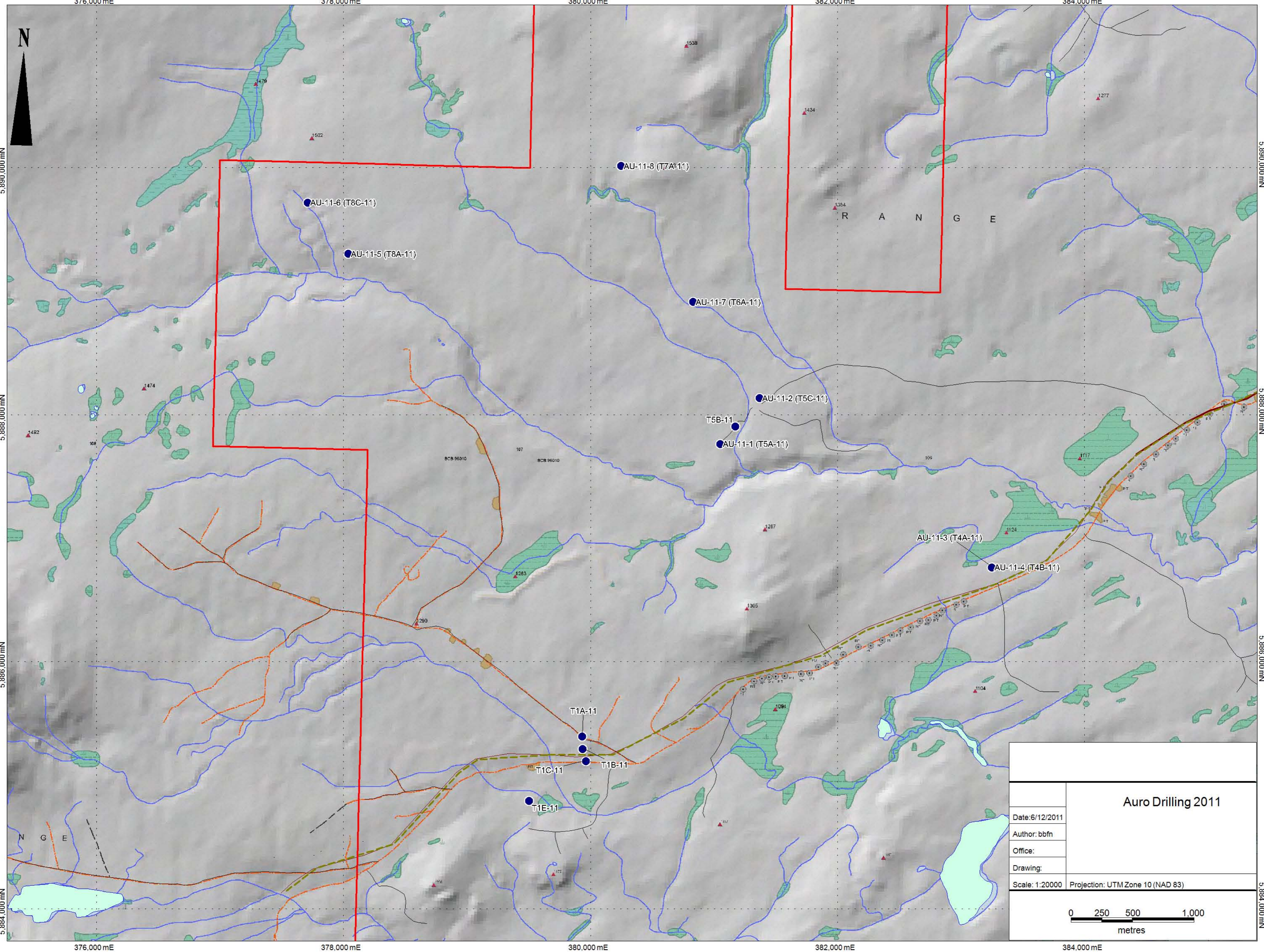
Appendix A

STATEMENT OF EXPENDITURE

Statement of Expenditure for Auro Program					
		Rate		Number of units	Cost
Labour-Contract					
Project Geologist-Supervision	Bob Karus	600	May 21 to July 30 2011	41	24,600.00
Geologist	Jim Cuttle P.Go	625			0.00
Geologist Core Logging	Maja Kiridzija P.Geo	500	May 21 to July 30 2011	32	16,000.00
Geology Student	Glazier, Regan	300	May 21 to July 30 2011	20	6,000.00
Field Tech	Graig Reapeal	300	May 21 to July 30 2011	5	1,500.00
Field Tech	Jerry George	300	May 21 to July 30 2011	6	1,800.00
Field Tech	Matthew Nygaard	300	May 21 to July 30 2011	34	10,200.00
Camp Guy	Ben Vallee	450	May 21 to July 30 2011	41	18,450.00
Assays Samples	Acme Lab				17,973.81
Truck Rental	Oosta Lake Resource	150	May 21th to July 30 2011	41	6,150.00
	695809 BC Ltd	150		41	6,150.00
Quad Rental	Oosta Lake Resource	110		41	4,510.00
Sat/ Satllite Phone Rental	695809 BC Ltd	100		41	4,100.00
Camp Building and Rental	E Houliind Contracting				53,059.60
Field Supplies					10,000.00
	Vanderhoof & Districts Co-operative Association				
Food					33,186.13
Full Force Drilling					409,296.85
Helicopter Pacific Western					129,361.49
CJL Exploration (drill padsand Trails)					41,271.16
UTEM Exploration Services Ltd					11,902.50
Field Program Expenses					805,511.54
Adminstration 5%					40,275.58
			Total Program		845,787.12

Appendix B

DRILL LOGS



Auro Drilling 2011	
Date: 6/12/2011	
Author: bbfm	
Office:	
Drawing:	
Scale: 1:20000	Projection: UTM Zone 10 (NAD 83)

5,890,000 mN

5,888,000 mN

5,886,000 mN

5,884,000 mN

5,890,000 mN

5,888,000 mN

5,886,000 mN

5,884,000 mN

376,000 mE

378,000 mE

380,000 mE

382,000 mE

384,000 mE

376,000 mE

378,000 mE

380,000 mE

382,000 mE

384,000 mE

Project Auro

HOLE # AU-11-1 (T5A-11)

Date started: June 8, 2011 Date finished: June 11, 2011 Azimuth 180 Dip -60 Easting 381050 Northing 5887770 Depth 313.94 Elevation

Logged by: Maja Kiridzija Contractor: Full Force

Interval		Description	Recovery			Mineralization					Samples			Assays						
From	To		From	To	%	cpy	py	moly	prt	oth	From	To	Sample	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)	Zn (ppm)	K (%)	
152.8	168.6	Mineralized inhomogenously bleached volcanoclastic tuff	152.4	155.4	100.0															
		contact sharp at 45-50 tca	155.4	155.7	100.0						152.9	156.0	1116659	1.1	0.2	32.9	1	67	0.72	
		convoluted unit of irregular decolorization from brownish grayish to whitish; veins intersection and brecciated in intervals	155.7	158.5	100.0						blank		1116660	3.1	0.5	26.8	3.1	39	0.37	
		fine grained, vesicular and sedimentary texture (grawacke?)	158.5	159.2	100.0						156.0	159.0	1116661	<0.5	<0.1	21.8	0.5	73	0.91	
		along veins at 162.4, 165.7-166.7 and 167.7-168	159.2	161.5	100.0						159.0	162.0	1116662	1.3	0.1	38	1.1	109	1.53	
		patches of py, cpy and pyrothite up to 1cm wide II , perpend or 50 tca (PHOTO)	161.5	164.4	100.0						162.0	165.0	1116663	1.1	0.1	32.6	1.8	128	1.55	
			164.4	164.6	100.0	*	*		*		165.0	168.5	1116664	2.4	0.2	83.1	2.5	96	1.3	
			164.6	167.6	100.0															
168.6	192.4	Mineralized porphyritic andesite	167.6	168.7	100.0						168.5	171.0	1116665	2.9	0.1	75.8	1.1	98	1.31	
		brownish color with 1-2mm large plagioclas in brownish fine matrix; contact with above unit gradational (PHOTO)	168.7	170.7	100.0						171.0	174.0	1116666	10.6	0.3	256.2	1.1	82	0.94	
		contact above and below sharp	170.7	173.0	100.0						174.0	177.0	1116667	15.2	0.2	178	0.9	105	1.25	
		169.5-169.8 granodiorite intersect 50 tca; sharp contact with py	173.0	173.7	100.0						177.0	180.0	1116668	4.4	0.2	120.3	0.7	114	1.52	
		171.6-171.9 py, cpy and welded pyrothite in 1cm wide string 30 tca	173.7	176.8	100.0		*				180.0	183.0	1116669	3.5	0.1	104	0.8	97	1.56	
		174.3-174.5 py and pyrothite in 1cm chlorite vein perpend tca	176.8	177.3	100.0						standard	G51P5C	1116670	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	
		178.6-179.0 py, cpy and pyrothite string, 1cm wide 50 tca	177.3	179.8	100.0						183.0	186.0	1116671	3.3	0.2	105.1	1.1	88	1.37	
		mineralization is linked to epidotized and bleached, altered zones at 181.4 1cm wide quartz vein moved by next generation veins having py along both generations of veins (PHOTO)	179.8	181.6	100.0	*	*		*		186.0	189.0	1116672	4.1	0.1	92.9	1.1	101	1.44	
		185.3-185.8 brown, muddy, weathered andesite	181.6	182.9	100.0						189.0	192.3	1116673	3.1	0.2	201.3	1.2	91	1.4	
		189.9-190 chloritized zone with py in veins (1mm) II tca and cpy in strings (1mm) 50 tca	182.9	185.9	100.0															
		190.4 - 190.5 granodiorite intesect	185.9	189.0	100.0															
		190.1-190.3 strings of bleached (1cm) vein with cpy, 50tca thin (1mm) strings of cpy 45-50 tca;	189.0	190.4	100.0															
		it seems that veins II tca carry py while strings 50 tca carry py and cpy	190.4	192.0	100.0															
192.4	193.4	Sheared transition from volcanics to intrusive	192.0	195.1	100.0						192.3	193.4	1116674	1.2	0.1	68	5.6	59	0.54	
		shear 45-50 tca, muddy, fractured, brecciated, mixture of volcanics and granodiorite, altered with some py following shear									193.4	195.0	1116675	<0.5	<0.1	16.4	3.6	33	0.63	
											195.0	198.8	1116676	<0.5	0.4	37	23.8	32	0.49	

Project Auro

HOLE # AU-11-2 (T5C-11)

Date started: June 11, 2011 Date finished: June 14, 2011 Azimuth 180 Dip -60 Easting 381050 Northing 5887762.5 Depth 353.6 Elevation

Logged by: Maja Kiridzija Contractor: Full Force

Interval		Description	Recovery			Mineralization					Samples			Assays					
From	To		From	To	%	cpy	py	moly	prt	oth	From	To	Sample #	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)	Zn (ppm)	K (%)
189.4	196	Porphyritic leucitite basalt?	192.0	193.0	100.0						189.4	192.0	116764	<0.5	<0.1	72.6	0.5	59	1.3
		whitish, euhedral leucitite up to 1cm; black hornblend/biotite	193.0	195.0	100.0						192.0	195.0	116765	<0.5	<0.1	86.2	0.6	57	1.41
		in gray/brown groundmass; slightly weathered;	195.0	197.0	100.0						195.0	196.0	116766	<0.5	<0.1	40	1	68	1.78
		intersected with mainly 90 tca	197.0	198.1	90.9														
			198.1	201.2	100.0														
196.0	213.7	Brecciated and altered volcanics	201.2	201.6	100.0						196.0	199.0	116767	<0.5	0.1	131.4	0.8	57	1.3
		decolorization, convoluted, shearing,	201.6	204.2	100.0						199.0	202.0	116768	0.6	0.1	107.3	1.5	50	1.44
		altered, magnetic in altered intervals	204.2	206.0	100.0						202.0	205.0	116769	<0.5	0.1	107.2	0.8	49	1.37
		pyrothite and py in strings, patches and disseminated	206.0	207.3	100.0						standard	GSIP5C	116770	1427.9	6.2	183.1	8.3	635	0.17
		only in altered and brecciated intervals	207.3	210.3	100.0						205.0	208.0	116771	<0.5	0.1	178.9	3.5	48	1.29
		206-208.5 mineralization with py and pyrothite (PHOTO)	210.3	213.4	100.0	*			*		208.0	211.0	116772	<0.5	<0.1	45.3	1.1	52	1.36
			213.4	215.0	100.0						211.0	213.0	116773	<0.5	0.1	87.7	0.7	38	0.31
213.0	246	Fine grained volcanics/greywacke	215.0	216.4	100.0						213.0	216.0	116774	<0.5	<0.1	67.4	1.3	67	1.5
		same as above	216.4	219.4	100.0						216.0	219.0	116775	<0.5	0.1	83	0.8	51	1.14
		homogenous, consistent, chlorite and quartz veins 30 to 60 tca	219.4	219.5	100.0						219.0	221.0	116776	0.8	0.1	74.8	0.3	48	1.1
		short intervals (2-3cm) of brecciation	219.5	222.5	100.0						221.0	223.0	116777	<0.5	0.1	102.9	0.4	54	1.21
		no mineralization	222.5	223.8	100.0						223.0	226.0	116778	15.2	0.1	68.8	0.5	52	1.37
			223.8	225.5	100.0						226.0	229.0	116779	<0.5	0.1	102.8	0.5	51	1.39
246.0	251.9	Brecciated and altered volcanics/greywacke	225.5	228.2	100.0						blank		116780	<0.5	0.5	19.3	3	33	0.08
		bleached, decolorized, veins intersected	228.2	228.6	100.0						229.0	232.0	116781	<0.5	<0.1	69.5	0.8	51	1.32
		mainly py in patches, disseminated and in strings (PHOTO)	228.6	231.6	100.0						232.0	235.0	116782	50.2	0.1	106.2	0.5	49	1.24
		possible cpy and pyrothite; py crystals on fracture (PHOTO)	231.6	232.4	100.0	*			*		235.0	238.0	116783	<0.5	<0.1	70.8	0.6	52	1.43
			232.4	234.7	100.0						238.0	241.0	116784	1.2	0.1	106.3	0.8	53	1.44
251.9	285	Porphyritic volcanic/greywacke (Agglomerate?pyroclastic)	234.7	237.0	100.0						241.0	244.0	116785	<0.5	0.1	84.9	0.5	52	1.23
		brown greyish color, homogenous but changing	237.0	237.7	99.7						244.0	246.0	116786	<0.5	<0.1	60.5	0.4	51	1.27
		from coarse to medium porphyritic toward bottom	237.7	240.8	98.7						246.0	249.0	116787	<0.5	0.1	90.7	1.4	47	0.58
		clasts rounded to subrounded	240.8	241.4	99.8						249.0	251.0	116788	3.6	0.2	95.9	1.7	51	0.42
		py in strings 60 tca, possible cpy	241.4	243.8	99.0	*	*				251.0	254.0	116789	<0.5	<0.1	39.7	3.9	106	1.5
		at 273.6 (PHOTO) and 283.4 py in vein, 5mm wide 30 tca	243.8	246	99.1						standard	GSIP5C	116790	1280.7	5.8	182.4	8.3	660	0.15
		possible disseminated py and cpy	246.0	246.9	99.6	*	*				254.0	257.0	116791	<0.5	<0.1	23.5	1.9	100	1.52
			246.9	249.9	98.8						257.0	260.0	116792	<0.5	<0.1	53.6	2.2	87	1.07

Project Auro

HOLE # T1A-11

Date started: May 28, 2011 Date finished: May 30, 2011 Azimuth 0 Dip -90 Depth 168.5 Easting 379934 Northing 5885400

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Logged by: Bob Krause Contractor: Full Force

Interval		Description	Recovery			Mineralization					Samples			Assays					
From	To		From	To	%	cpy	py	mol	prt	oth	From	To	Sample	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)	Zn (ppm)	K (%)
0	21.3	O/B																	
21.3	41.2	Lithic tuff/Porphyrific andesite																	
		whole unit altered to clay									21.4	24.4	1116501	1.7	0.3	37.1	0.7	84	0.18
		phenocysts 0.5-1cm, localy cream color									24.4	27.4	1116502	1.2	0.1	14.3	0.2	61	0.09
		light medium groundmass with pheno iron oxide/carb									27.4	30.4	1116503	<0.5	<0.1	7.5	0.8	88	0.05
											30.4	33.4	1116504	0.8	0.6	10.8	1.1	180	0.06
											33.4	36.4	1116505	<0.5	<0.1	8.1	0.6	51	0.08
41.2	81.9	Greywacke poorly sorted									36.4	39.4	1116506	<0.5	<0.1	9.8	0.9	91	0.07
		locally 100% degraded into rounded and angular frag									39.4	41.2	1116507	<0.5	0.2	8.9	0.8	44	0.17
		extensive sericite									41.2	44.5	1116508	6.7	0.1	10.1	1	59	0.38
		pottasic alteration and biotite, minor serisitization									44.5	47.5	1116509	<0.5	<0.1	5.4	0.3	106	0.34
		45.7-46 rubble; 51.9-51.4 rubble; 52.4-52.7 rubble									47.5	50.5	1116510	<0.5	0.1	11.5	0.3	35	0.36
		62.5-65.5 rubble; 71.2-72.6 rubble									50.5	53.5	1116511	<0.5	<0.1	8.2	0.3	71	0.33
		rock unt is moltted; mud green									53.5	56.5	1116512	0.6	<0.1	9.7	0.4	57	0.35
		biotite up to 15%; feldspate up to 20%									56.5	59.5	1116513	<0.5	<0.1	7.6	0.3	95	0.37
		trace od pyrite									59.5	62.5	1116514	0.6	<0.1	8.9	0.4	122	0.3
											62.5	65.5	1116515	<0.5	<0.1	7.5	0.3	69	0.34
81.9	82.9	Broken possibly felsic tuff									65.5	68.5	1116516	<0.5	<0.1	9.1	0.3	43	0.36
		5% pyrite, silicified fragments									68.5	71.5	1116517	<0.5	<0.1	7.7	0.4	30	0.34
											71.5	74.5	1116518	<0.5	<0.1	7.4	0.5	136	0.39
82.9	168.5	Medium grained monzonite									74.5	77.5	1116519	<0.5	<0.1	6.8	0.5	49	0.49
		monzonite grading to granodiorite									77.5	80.5	1116520	<0.5	<0.1	6.2	0.5	71	0.42
		odd rip-up clasts									80.5	80.9	1116521	<0.5	<0.1	4.9	0.9	29	0.43
		minor epidote on fractions with small envelops									80.9	81.9	1116522	<0.5	<0.1	1.6	0.7	114	0.2
		pink K-feldspat									81.9	83.5	1116523	<0.5	<0.1	5.4	1.4	28	0.43
		99 - 101.5 small faults ll tca									83.5	86.5	1116524	<0.5	<0.1	5.6	3.4	32	0.48
		minor alterations around fractions									86.5	88.6	1116525	<0.5	<0.1	5.8	2.4	39	0.37
		86.9-87.1 broken; 88.3-88.6 broken									88.6	90.6	1116526	1.2	<0.1	5.8	1.6	36	0.32
											90.6	93.6	1116527	<0.5	<0.1	6.5	1.8	35	0.46
											93.6	96.6	1116528	<0.5	<0.1	7	12.5	34	0.49
											96.6	99.0	1116529	<0.5	<0.1	8.1	1.2	37	0.51
											99.0	101.8	1116530	<0.5	<0.1	6.9	1.9	34	0.44
											101.8	104.8	1116531	0.5	<0.1	9.8	1.9	34	0.45
	168.5	EOH									104.8	107.8	1116532	<0.5	<0.1	6	1.2	28	0.46

Project Auro

HOLE # AU-11-8 (T7A-11)

Date started: June 30, 2011 Date finished: July 2 , 2011 Azimuth 270 Dip -78 Easting 380250 Northing 5890020 Depth 301.8 m Elevation

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Logged by: Maja Kiridzija Contractor: Full Force

Interval		Description	Recovery			Mineralization					Samples			Assays					
From	To		From	To	%	cpy	py	mol	prt	oth	From	To	Sample #	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)	Zn (ppm)	K (%)
205	207.3	Mudstone with graphite?																	
		206.7-207.0 pure graphite, fragile,																	
		thin py veinlets in network 205.7-20.5-9 and 207.0-207.3m																	
		quartz veins mainly 80 tca but also ll tca appear intensivly																	
		in short sequences																	
		bedding/layering 40 tca and bleached intervals (5cm long) 40 tca																	
207.3	210	Epidotized and brecciated volcanic/sediment mixture	207.3	209.1	100	*					207.3	210.0	1191327	<0.5	<0.1	56.5	0.4	65	0.45
		similar to 203.0-204.5m	209.1	210.3	100	*	*												
		more brecciated and mixed with brownish argilitic/grewyacke																	
		disseminated py and cpy at 208m																	
210	227	Veins intersected volcanic/sediment	210.3	213.3	100.0						210.0	213.0	1191328	<0.5	<0.1	62.7	0.3	43	0.77
		intensively intersected quartz/calcite veins (network)	213.3	213.6	100.0						213.0	216.0	1191329	<0.5	<0.1	71.7	0.5	37	0.77
		uneven color from brown to greenish and grayish exchanging	213.6	216.4	100						blank		1191330	<0.5	0.3	17.8	2.4	29	0.08
		volcanic and sedimentary component or convolution of both	216.4	218.2	100						216.0	219.0	1191331	<0.5	0.1	63.3	0.4	47	0.65
		unevenly very magnetic (magnetite? Presence)	218.2	219.5	100						219.0	222.0	1191332	<0.5	<0.1	69.1	0.2	33	0.6
		from 223 more brown grewyacke, layered with flow flames?	219.5	222.4	100	*					222.0	225.0	1191333	<0.5	0.2	64.9	1.8	69	0.83
		at 225.3-225.6m graphite rich interval	222.4	222.5	100	*					225.0	227.0	1191334	<0.5	0.3	82.5	7.8	64	0.79
		down to the bottom more bleaching/altered	222.5	225.6	100	*													
		weak mineralization; possible disseminated sulphide	225.6	227	100														
227	236.2	Brown-greenish volcanoclastic tuff	227.0	228.6	100.0						227.0	230.0	1191335	<0.5	<0.1	40.2	0.9	84	1.14
		convoluted; mixed; upper part is more brownish and lower is	228.6	231.3	100.0						230.0	233.0	1191336	<0.5	<0.1	41.1	0.8	92	1.16
		greenish	231.3	231.6	100.0						233.0	235.2	1191337	<0.5	<0.1	24.6	0.5	78	0.8
		disseminated py at 232m	231.6	235.0	100.0	*													
			235.0	235.8	100.0	*													
236	241.7	Veinlets intersected brown-black grewyacke/mudstone/volcanic									235.2	238.0	1191338	<0.5	0.2	51.9	2.1	115	1.61
		bedding cutted by thin py carrying veinlets	235.8	237.8	100.0						238.0	241.7	1191339	<0.5	0.2	61.3	3.4	89	1.44
		disseminated and veinlets filled py	237.8	240.1	100						STANDARD	GSIP5C	1191340	1062.9	5.5	197.4	7.3	610	0.16

Project Auro

HOLE # AU-11-8 (T7A-11)

Date started: June 30, 2011 Date finished: July 2, 2011 Azimuth 270 Dip -78 Easting 380250 Northing 5890020 Depth 301.8 m Elevation

Logged by: Maja Kiridzija Contractor: Full Force

Interval		Description	Recovery			Mineralization					Samples			Assays					
From	To		From	To	%	cpy	py	mol	prt	oth	From	To	Sample #	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)	Zn (ppm)	K (%)
255.8	267.2	Veins intersected and brecciated volcanic/sediment	256.0	257.8	100.0						255.8	259.0	1191347	<0.5	0.1	64.9	1.2	61	0.79
		uneven brownish-greenish-greyish color	257.8	259.1	100.0						259.0	262.0	1191348	<0.5	0.1	90.1	0.3	48	0.92
		flow flames; flow banding; convolution	259.1	262.1	100.0						262.0	265.0	1191349	1.5	<0.1	64.3	0.3	54	0.75
		0.5cm quartz veins intersect mainly 30 tca	262.1	262.3	100.0						blank		1191350	<0.5	0.4	19	2.9	32	0.08
		at 257.7 epidotized band 5cm wide	262.3	265.2	100.0						265.0	267.2	1191351	4.3	0.4	335.8	0.1	50	0.53
		at 257.1 epidotized band 5cm wide	265.2	267.0	100.0														
		257.3 py cluster																	
		from 258.3-261.7 more mudsone and sandsone material with bedding and lamination																	
		from 261.7 -267.2 intensivly veins intersected and brecciated more greenish/grayish volcanic with visible plag porfiroblasts																	
267	268.7	Chloritized volcanic/sediment	267.0	268.2	100.0						267.2	269.3	1191352	1.4	0.2	48.6	1.8	29	0.13
		similar to 254-255.8m					*												
		py on fractures, patches, disseminated, veinlets																	
268.7	271.4	Veins intersected and brecciated volcanic/sediment	268.2	271.2	100.0						269.3	271.5	1191353	2.6	0.1	60	0.3	39	0.29
		same as 255.8-267.2m	271.2	271.3	100.0														
271.4	274.2	Chloritized volcanic/sediment	271.3	274.3	100.0						271.5	274.2	1191354	0.8	0.7	143.7	2.7	32	0.12
		same as 254-255.8 and 267-268.7m	274.3	275.3	100.0		*												
		contacts above and below sharo at 30 tca	275.3	277.4	100.0	*	*												
		disseminated py , cpy? And in veinlets																	
			277.4	279.6	100.0														
274	283.5	Veins intersected and brecciated volcanic/sediment	279.6	280.4	100.0						274.2	277.4	1191355	0.8	0.3	87.2	0.7	44	0.67
		same as 255.8-267.2 and 268.7-271.4m	280.4	283.5	100.0						277.4	280.4	1191356	<0.5	0.2	79.4	0.9	51	1.04
			283.5	284.2	100.0						280.4	283.5	1191357	0.6	0.2	67.5	0.4	36	0.74
284	288.7	Fine grained pyroclastic tuff (metamorhosed?)	284.2	286.5	100.0						283.5	286.5	1191358	<0.5	0.2	55.4	0.5	34	0.9
		uniform, no bedding/layering; dark gray color; few veins only	286.5	288.7	100.0		*				286.5	288.7	1191359	<0.5	0.1	57.4	0.4	34	0.93
		disseminated py and cpy <1%				*	*				STANDARI	GSIP5C	1191360	1191.3	6.5	195.4	8.5	653	0.16

Project Auro

HOLE # AU-11-6 (T8C-11)

Date started: June 23, 2011 Date finished: June 25, 2011 Azimuth 330 Dip -60 Easting 377713 Northing 5889725 Depth 396.2m Elevation

Logged by: Maja Kiridzija Contractor: Full Force

Interval		Description	Recovery			Mineralization					Samples			Assays					
From	To		From	To	%	cpy	py	mol	prt	oth	From	To	Sample #	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)	Zn (ppm)	K (%)
106.7	124.9	Quartz diorite	107.4	109.7	100.0														
		similar to 90.2-99.2; with linear limonitization mainly II tca	109.7	111.6	94.7														
		also bleached in linear direction	111.6	112.8	83.3														
		115 - 115.8 potassic alteration? 3cm wide and II tca	112.8	115.8	73.3														
		no visible mineralization until 122.3	115.8	118.9	87.1														
		at 122.3-124 potassic alteration linear (1cm wide) II tca	118.9	120.5	100.0														
		with patches of py (PHOTO)	120.5	121.9	85.7														
		toward the bottom pervasive limonitization	121.9	124.6	85.2														
		disseminated py, less cpy and possible moly/					*	*											
124.9	128.2	Limonitized granodiorite	124.6	125.0	100.0						124.9	128.2	1116933	<0.5	0.4	179.6	4.2	31	0.29
		contact 80 tca sharp marked with string of py and cpy (PHOTO)	125.0	128.0	100.0						128.2	128.9	1116934	<0.5	0.4	251.1	1	44	0.41
		coarse grained intwgranular; pervasively and unevenly									133.5	136.0	1116935	<0.5	0.2	150.8	4.6	25	0.46
		limonitized mostly linear and II tca but also in patches									136.0	139.0	1116936	<0.5	0.2	160.5	5.5	24	0.39
		possible potassic alteration masked by limonitization									139.0	142.0	1116937	<0.5	0.1	107.5	6	44	0.41
		at 127.8-128.2 bleached interval (intensive silicification?)									142.0	145.0	1116938	<0.5	0.1	107	1.3	31	0.44
		disseminated py sparse									145.0	148.0	1116939	<0.5	0.2	188.4	13.8	29	0.44
											blank		1116940	<0.5	0.4	17.2	2.4	29	0.06
128.2	203.5	Mineralized coarse grained granodiorite	128.0	128.9	100.0						148.0	151.0	1116941	<0.5	0.3	200.8	12.6	32	0.29
		<i>core between 128.9-133.5 displaced and not examined!</i>	133.5	134.1	100.0						151.0	155.4	1116942	<0.5	0.2	138.7	0.6	36	0.37
		feldsp up to 1cm; hornblende altered into biotite;	134.1	137.2	100.0						155.4	157.0	1116943	<0.5	0.2	112	5.7	28	0.39
		plagioclas subeuhedral; quartz interstitial	137.2	137.8	100.0						157.0	160.0	1116944	<0.5	<0.1	93.4	1.9	29	0.45
		sporadically small (up to 3cm long) fine grained xenolith	137.8	140.2	100.0						160.0	163.0	1116945	<0.5	0.3	203.8	0.9	37	0.48
		that contain disseminated py and cpy (PHOTO)	140.2	142.1	100.0						163.0	166.0	1116946	<0.5	0.2	129.9	0.6	35	0.42
		mineralization presented by py and cpy strings 10-20 tca and	142.1	143.3	100.0						166.0	169.0	1116947	<0.5	0.1	96	1.5	49	0.44
		as small (up to 1cm) patches, clusters and as disseminated into	143.3	146.3	100.0						169.0	172.0	1116948		1.7	193.7	2.2	34	0.45
		interstitial space mainly on contact with mafic minerals	146.3	146.5	100.0						172.0	175.0	1116949	<0.5	0.2	116.7	1	32	0.41
		Mineralization observed at	146.5	149.4	100.0						standard	GSIP5C	1116950	1119.2	5.9	170.9	7.2	607	0.14
		134.5-135 py in string II tca and small, irregular (<1cm) patches	149.4	151.0	100.0		*				175.0	178.0	1116951	0.6	0.2	137.3	1.8	48	0.45
		136.1-136.5 py and rare cpy in string 10 tca	151.0	152.4	100.0		*				178.0	181.0	1116952	<0.5	<0.1	101.3	4.3	29	0.46
		136.8 fine grained xenolith with disseminated py/cpy?	152.4	155.4	100.0		*				181.0	184.0	1116953	<0.5	0.1	106.5	2.3	30	0.49

Project Auro

HOLE # AU-11-6 (T8C-11)

Date started: June 23, 2011 Date finished: June 25, 2011 Azimuth 330 Dip -60 Easting 377713 Northing 5889725 Depth 396.2m Elevation

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Logged by: Maja Kiridzija Contractor: Full Force

Interval		Description	Recovery			Mineralization					Samples			Assays					
From	To		From	To	%	cpy	py	mol	prt	oth	From	To	Sample #	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)	Zn (ppm)	K (%)
128.2	203.5	Mineralized and potasic altered granodiorite	155.4	158.5	100														
		173.0 py clusters (<3cm wide)	158.5	159.2	100	*													
		138.9-139 py string 20 tca	159.2	161.5	100	*													
		140.2 py string 10 tca	161.5	164.5	100	*													
		143.4 fine grained xenolith (1cm) with disseminated py and less cpy	164.5	164.6	100	*													
		144.6 fine grained xenolith (2cm) with disseminated py and less cpy	164.6	167.6	100	*													
		146.5-146.8 py in strings 10 tca	167.6	169	100	*													
		146.9 py in strings II tca	169.0	170.7	100.0	*													
		147.7-147.9 py in strings II tca	170.7	173.5	100	*													
		148.9 patches and clusters of py in area 4cm long	173.5	173.7	100	*													
		149.8-150 py and cpy strings II tca and 40 tca and patches up to 2cm	173.7	176.8	100	*	*												
		151.2 small patches and strings of py	176.8	178.2	100	*													
		151.5 py and cpy patch in potasic altered zone (PHOTO)	178.2	179.8	100	*	*												
		152.6-155 linera potasic alteration II and 30 tca with	179.8	182.5	100.0	*													
		strings of py and cpy in the middle (PHOTOS)	182.5	182.9	100.0	*	*												
		154.7 fine grained xenolith (3cm) with disseminated py/cpy	182.9	185.9	100.0	*													
		and string of py cutting xenolith and host granodiorite	185.9	187.1	100.0	*													
		from 140-203.5 potasic alteration frequent and followed by py,	187.1	189.0	100.0	*													
		rare cpy and possible moly mineralization in strings	189.0	191.6	100.0	*													
		potasic alteration appears in bands (1-4cm wide) and 10-50 tca	191.6	192.0	100.0	*													
		with mineralization running in the middle	192.0	195.1	100.0														
		cpy gradually increase toward the bottom:	195.1	196.1	100.0														
		156.6 cpy in potasic altered band <1%	196.1	198.1	100.0	*	*												
		159 in fine grained xenolith(3cm) cpy disseminated <1%	198.1	200.6	100.0	*	*				184.0	187.0	1116954	<0.5	<0.1	37	3	29	0.42
		178.4 in fine grained xenolith (1cm) cpy disseminated <1%	200.6	201.2	100.0	*	*				187.0	190.0	1116955	0.6	<0.1	43.9	0.8	27	0.35
		181.6 in fine grained xenolith (3cm)cpy disseminated <1%	201.2	204.2	100.0	*					190.0	193.0	1116956	<0.5	0.1	60.2	0.4	33	0.42
		191 cpy and less moly in string 10 tca	204.2	205.0	100.0	*	*	*			193.0	196.0	1116957	<0.5	0.1	66.1	0.7	32	0.41
		199.5-199.6 three paralel py strings 30 tca (PHOTO)					*				196.0	199.0	1116958	<0.5	<0.1	43.2	0.7	31	0.42
		granodiorite is medium grained with consisten grains size									199.0	202.2	1116959	<0.5	<0.1	24.8	0.4	32	0.36
		through the whole interval									blank		1116960	<0.5	0.4	16.6	2.4	27	0.07

Project Auro

HOLE # AU-11-3 (T4A-11)

Date started: June 14, 2011 Date finished: June 15, 2011 Azimuth 090 Dip -50 Easting 383250 Northing 5886770 Depth 106.7 Elevation

Logged by: Maja Kiridzija Contractor: Full Forse

Interval		Description	Recovery			Mineralization					Samples			Assays					
From	To		From	To	%	cpy	py	mol	prt	oth	From	To	Sample #	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)	Zn (ppm)	K (%)
0.0	10.6	OB	0.0	6.1	1.6														
		subrounded fragments of country rock in unconsolidated cement	6.1	9.1	20.0														
10.6	16.7	Unconsolidated mud	9.1	12.2	38.7														
		light to dark green mud, oxidized in small patches	12.2	12.6	100.0														
			12.6	15.2	76.9														
16.7	20.3	Greenish andesitic tuff?	15.2	16.7	46.7														
		porphyritic texture with plag 1mm in greenish groundmass	16.7	18.3	62.5														
		crumbly, fragile																	
20.3	23	Reddish andesitic tuff?	18.3	20.8	88.0														
		porphyritic texture, euhedral plagioc, 1-2mm in size,	20.8	21.3	80.0														
		in reddish (hematitic) groundmass, altered (chloritized)	21.3	24.4	54.8														
		amphibole;																	
		between 21.0-21.7 intensivly red and muddy																	
23.0	28.7	Transition between reddish to gray andesitic tuff?	24.4	27.4	50.0														
		still the same lithological unit but gradational change from	27.4	28.5	81.8														
		highly oxidized (hematitic, red) to gray (fresh?) andesite																	
		still crumbly, fragile, some unconsolidated patches																	
28.7	46	Veins intersected and calcitized andesite tuff	28.5	30.5	70.0					40.3	42.6	1116833	<0.5	<0.1	33.8	1	44	0.06	
		network of calcite veins in all directions intersecting;	30.5	32.7	90.9														
		some parts are brecciated due to calcite veining	32.7	33.5	100.0														
		at 35 calcite crystals	33.5	36.6	83.9														
		no visible mineralization	36.6	39.6	86.7														
		highly magenetic	39.6	40.3	42.9														
			40.3	42.7	100.0														
46.0	54.9	Andesite with spherulitic calcite nodulas	42.7	44.7	40.0					46.0	48.8	1116834	<0.5	<0.1	27.1	0.7	57	0.05	
		perfectly rounded, spherulite of calcite in sizes from 1mm-2cm	44.7	46.0	38.5					48.8	51.4	1116835	<0.5	<0.1	40.3	0.8	59	0.04	
		distributed in andesite 1-3%; (PHOTO); no visible mineralization	46.0	48.8	89.3					51.4	54.9	1116836	<0.5	<0.1	33.4	0.9	49	0.04	

Appendix C

LIST OF DRILL CORE SAMPLES AND CORE INTERVALS

Appendix D

ASSAY CERTIFICATES



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

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Client: Gold Reach Resources

888 - 700 West Georgia Street
Vancouver BC V7Y 1G5 Canada

Submitted By: Bob Krause

Receiving Lab: Canada-Vancouver

Received: June 20, 2011

Report Date: July 03, 2011

Page: 1 of 4

CERTIFICATE OF ANALYSIS

VAN11002685.1

CLIENT JOB INFORMATION

Project: Auro
Shipment ID:
P.O. Number
Number of Samples: 82

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	82	Crush split and pulverize 250g drill core to 200 mesh			VAN
1DX2	82	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

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

ADDITIONAL COMMENTS

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

Invoice To: Gold Reach Resources
888 - 700 West Georgia Street
Vancouver BC V7Y 1G5
Canada

CC: Shane Ebert
Jim Cuttle



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.

“**” asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Client: **Gold Reach Resources**
 888 - 700 West Georgia Street
 Vancouver BC V7Y 1G5 Canada

Project: Auro
 Report Date: July 03, 2011

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CERTIFICATE OF ANALYSIS

VAN11002685.1

Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1116501	Drill Core	4.72	0.7	37.1	14.3	84	0.3	10.0	5.6	242	1.99	2.9	1.7	5.2	31	0.2	0.6	0.6	39	0.40	0.036
1116502	Drill Core	1.81	0.2	14.3	11.5	61	0.1	7.7	5.9	103	0.91	1.2	1.2	4.7	18	<0.1	0.2	0.4	23	0.19	0.015
1116503	Drill Core	5.05	0.8	7.5	22.3	88	<0.1	5.5	10.4	257	1.81	4.5	<0.5	10.6	21	<0.1	0.2	0.3	28	0.20	0.016
1116504	Drill Core	6.24	1.1	10.8	30.6	180	0.6	5.7	3.2	192	1.75	3.4	0.8	12.1	25	<0.1	0.3	0.3	35	0.18	0.016
1116505	Drill Core	4.19	0.6	8.1	11.5	51	<0.1	4.4	4.2	119	1.69	0.5	<0.5	4.2	14	<0.1	<0.1	0.1	33	0.11	0.008
1116506	Drill Core	5.10	0.9	9.8	14.5	91	<0.1	9.2	10.7	704	2.29	1.6	<0.5	6.9	23	<0.1	0.1	0.2	43	0.16	0.012
1116507	Drill Core	3.77	0.8	8.9	6.1	44	0.2	15.4	11.7	493	2.41	1.1	<0.5	6.2	21	<0.1	<0.1	0.1	52	0.14	0.022
1116508	Drill Core	6.39	1.0	10.1	4.8	59	0.1	10.9	12.4	597	2.11	<0.5	6.7	8.9	26	<0.1	<0.1	<0.1	53	0.27	0.077
1116509	Drill Core	6.74	0.3	5.4	10.6	106	<0.1	9.3	6.9	137	1.93	<0.5	<0.5	7.7	14	<0.1	<0.1	<0.1	48	0.25	0.073
1116510	Drill Core	5.31	0.3	11.5	3.3	35	0.1	11.5	9.5	151	2.05	<0.5	<0.5	8.3	22	<0.1	<0.1	<0.1	52	0.28	0.079
1116511	Drill Core	7.77	0.3	8.2	5.8	71	<0.1	10.0	8.3	154	1.90	<0.5	<0.5	7.8	122	<0.1	<0.1	<0.1	47	0.34	0.080
1116512	Drill Core	5.84	0.4	9.7	4.7	57	<0.1	10.8	9.4	145	2.05	0.7	0.6	7.8	34	<0.1	0.1	<0.1	53	0.31	0.075
1116513	Drill Core	4.74	0.3	7.6	8.1	95	<0.1	10.7	8.5	153	2.04	0.7	<0.5	7.7	24	<0.1	0.1	<0.1	51	0.43	0.079
1116514	Drill Core	10.34	0.4	8.9	12.0	122	<0.1	9.9	7.8	180	1.94	<0.5	0.6	8.4	15	<0.1	0.1	<0.1	50	0.29	0.072
1116515	Drill Core	8.11	0.3	7.5	6.2	69	<0.1	9.7	7.7	163	1.85	0.5	<0.5	9.6	18	<0.1	<0.1	<0.1	45	0.28	0.070
1116516	Drill Core	8.09	0.3	9.1	5.7	43	<0.1	10.3	8.7	162	2.01	0.6	<0.5	10.0	15	<0.1	<0.1	<0.1	52	0.30	0.073
1116517	Drill Core	8.49	0.4	7.7	2.3	30	<0.1	8.6	7.0	171	1.88	0.7	<0.5	7.8	18	<0.1	0.1	<0.1	48	0.31	0.067
1116518	Drill Core	8.60	0.5	7.4	11.6	136	<0.1	10.8	7.8	209	2.07	0.7	<0.5	8.4	22	<0.1	0.1	<0.1	55	0.35	0.070
1116519	Drill Core	4.99	0.5	6.8	4.1	49	<0.1	11.5	8.3	235	2.31	0.9	<0.5	9.1	26	<0.1	0.1	<0.1	63	0.38	0.078
1116520	Drill Core	11.46	0.5	6.2	5.9	71	<0.1	10.6	7.8	225	2.08	0.7	<0.5	8.2	41	<0.1	0.1	<0.1	57	0.35	0.074
1116521	Drill Core	0.80	0.9	4.9	1.9	29	<0.1	11.5	8.6	272	2.30	1.0	<0.5	8.8	34	<0.1	0.2	<0.1	58	0.37	0.081
1116522	Drill Core	2.82	0.7	1.6	7.5	114	<0.1	12.7	7.6	518	2.06	4.8	<0.5	10.6	36	0.2	1.1	<0.1	37	1.99	0.108
1116523	Drill Core	4.73	1.4	5.4	2.3	28	<0.1	10.3	7.5	222	2.11	1.0	<0.5	8.2	24	<0.1	0.1	<0.1	57	0.39	0.076
1116524	Drill Core	8.25	3.4	5.6	2.6	32	<0.1	11.4	8.2	237	2.17	0.9	<0.5	8.3	59	<0.1	0.2	<0.1	60	0.63	0.087
1116525	Drill Core	6.31	2.4	5.8	2.5	39	<0.1	11.3	7.8	298	2.17	0.8	<0.5	9.2	31	<0.1	0.3	<0.1	55	0.88	0.089
1116526	Drill Core	6.41	1.6	5.8	2.8	36	<0.1	11.0	7.7	341	2.08	0.8	1.2	8.6	30	<0.1	0.2	<0.1	54	1.10	0.094
1116527	Drill Core	8.00	1.8	6.5	3.6	35	<0.1	10.7	7.7	235	2.20	0.8	<0.5	8.4	25	<0.1	0.1	<0.1	61	0.43	0.084
1116528	Drill Core	7.09	12.5	7.0	2.8	34	<0.1	11.4	8.3	270	2.17	0.7	<0.5	11.0	44	<0.1	0.3	<0.1	60	0.54	0.079
1116529	Drill Core	7.21	1.2	8.1	4.2	37	<0.1	11.1	8.2	283	2.22	0.6	<0.5	11.5	45	<0.1	0.4	<0.1	59	0.63	0.090
1116530	Drill Core	6.61	1.9	6.9	4.6	34	<0.1	10.7	8.6	320	1.99	2.1	<0.5	9.9	67	<0.1	3.1	<0.1	53	0.84	0.089

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Auro
 Report Date: July 03, 2011

Page: 2 of 4 Part 2

CERTIFICATE OF ANALYSIS

VAN11002685.1

Method Analyte	1DX15																	
	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1116501	Drill Core	23	17	0.38	116	0.092	<1	1.37	0.036	0.18	0.7	0.02	3.6	0.2	<0.05	5	<0.5	<0.2
1116502	Drill Core	20	11	0.17	65	0.037	<1	0.99	0.021	0.09	<0.1	0.04	2.5	0.2	<0.05	4	<0.5	<0.2
1116503	Drill Core	10	13	0.10	110	0.095	1	1.39	0.020	0.05	0.2	0.07	2.1	0.3	<0.05	7	<0.5	<0.2
1116504	Drill Core	14	13	0.12	140	0.072	<1	1.59	0.015	0.06	0.5	0.02	2.9	0.2	<0.05	8	<0.5	<0.2
1116505	Drill Core	7	15	0.11	59	0.089	<1	0.84	0.025	0.08	<0.1	0.05	2.1	0.1	<0.05	4	<0.5	<0.2
1116506	Drill Core	10	17	0.12	137	0.158	<1	1.05	0.022	0.07	<0.1	0.08	2.5	0.1	<0.05	5	<0.5	<0.2
1116507	Drill Core	13	25	0.23	165	0.192	<1	1.04	0.025	0.17	0.2	0.05	2.6	0.2	<0.05	5	<0.5	<0.2
1116508	Drill Core	15	23	0.44	236	0.129	<1	0.73	0.038	0.38	<0.1	0.01	2.5	0.2	<0.05	4	<0.5	<0.2
1116509	Drill Core	10	21	0.41	121	0.126	<1	0.59	0.043	0.34	0.2	<0.01	1.7	0.2	<0.05	4	<0.5	<0.2
1116510	Drill Core	10	23	0.45	153	0.123	<1	0.62	0.039	0.36	0.2	<0.01	1.8	0.2	<0.05	4	<0.5	<0.2
1116511	Drill Core	11	19	0.39	493	0.130	<1	0.69	0.054	0.33	0.3	<0.01	1.6	0.2	<0.05	3	<0.5	<0.2
1116512	Drill Core	10	22	0.44	192	0.128	<1	0.64	0.043	0.35	0.2	<0.01	2.0	0.2	<0.05	4	<0.5	<0.2
1116513	Drill Core	9	22	0.44	143	0.127	<1	0.78	0.059	0.37	0.3	<0.01	1.8	0.2	<0.05	4	<0.5	<0.2
1116514	Drill Core	9	22	0.37	120	0.107	<1	0.49	0.046	0.30	0.3	<0.01	1.4	0.2	<0.05	3	<0.5	<0.2
1116515	Drill Core	10	19	0.41	145	0.135	<1	0.55	0.055	0.34	0.3	<0.01	1.4	0.2	<0.05	4	<0.5	<0.2
1116516	Drill Core	10	23	0.45	134	0.137	<1	0.56	0.055	0.36	0.3	<0.01	1.5	0.2	<0.05	4	<0.5	<0.2
1116517	Drill Core	9	20	0.41	142	0.136	<1	0.56	0.062	0.34	0.3	<0.01	1.4	0.2	<0.05	4	<0.5	<0.2
1116518	Drill Core	10	23	0.52	196	0.137	<1	0.64	0.057	0.39	0.4	<0.01	1.3	0.2	<0.05	4	<0.5	<0.2
1116519	Drill Core	11	25	0.61	232	0.157	<1	0.72	0.082	0.49	0.3	<0.01	1.4	0.2	<0.05	5	<0.5	<0.2
1116520	Drill Core	10	24	0.61	217	0.147	<1	0.67	0.062	0.42	0.3	<0.01	1.2	0.2	<0.05	4	<0.5	<0.2
1116521	Drill Core	11	23	0.92	203	0.133	<1	0.85	0.065	0.43	0.2	<0.01	2.0	0.2	<0.05	6	<0.5	<0.2
1116522	Drill Core	18	11	0.50	53	0.013	1	0.89	0.035	0.20	0.6	<0.01	3.1	0.1	<0.05	4	<0.5	<0.2
1116523	Drill Core	10	22	0.70	203	0.138	<1	0.71	0.070	0.43	0.2	<0.01	1.5	0.2	<0.05	4	<0.5	<0.2
1116524	Drill Core	10	23	0.68	217	0.162	<1	0.94	0.099	0.48	0.1	<0.01	1.3	0.2	<0.05	5	<0.5	<0.2
1116525	Drill Core	13	22	0.62	162	0.128	<1	0.76	0.063	0.37	0.5	<0.01	1.8	0.2	<0.05	4	<0.5	<0.2
1116526	Drill Core	14	24	0.64	138	0.112	<1	0.73	0.060	0.32	0.3	<0.01	2.0	0.2	<0.05	4	<0.5	<0.2
1116527	Drill Core	11	24	0.64	195	0.162	<1	0.75	0.068	0.46	0.2	<0.01	1.2	0.3	<0.05	4	<0.5	<0.2
1116528	Drill Core	12	23	0.63	221	0.154	<1	0.74	0.074	0.49	0.1	<0.01	1.5	0.2	<0.05	5	<0.5	<0.2
1116529	Drill Core	13	23	0.61	231	0.160	<1	0.78	0.082	0.51	0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2
1116530	Drill Core	17	20	0.65	208	0.121	<1	0.90	0.053	0.44	0.2	<0.01	3.2	0.2	<0.05	5	<0.5	<0.2



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Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1116531	Drill Core	7.89	1.9	9.8	2.9	34	<0.1	12.3	8.9	297	2.27	0.9	0.5	9.2	97	<0.1	0.3	<0.1	61	0.77	0.088
1116532	Drill Core	8.21	1.2	6.0	2.3	28	<0.1	11.6	8.1	259	2.16	0.7	<0.5	8.6	36	<0.1	0.2	<0.1	60	0.62	0.091
1116533	Drill Core	4.68	1.9	8.8	24.3	273	<0.1	10.9	9.0	178	2.91	0.8	<0.5	10.7	20	<0.1	0.1	<0.1	62	0.11	0.014
1116534	Drill Core	5.29	1.8	5.9	6.9	64	<0.1	10.7	12.0	697	2.51	<0.5	1.5	11.2	14	<0.1	0.1	0.1	73	0.07	0.012
1116535	Drill Core	4.27	1.5	5.2	7.0	48	0.2	11.2	14.0	1185	2.46	<0.5	0.9	12.5	15	<0.1	0.2	0.1	80	0.07	0.008
1116536	Drill Core	4.27	1.0	5.9	9.9	88	<0.1	13.6	15.9	1025	2.58	<0.5	<0.5	11.0	20	<0.1	0.2	<0.1	77	0.10	0.008
1116537	Drill Core	2.85	1.0	7.5	26.9	254	<0.1	13.0	15.4	856	2.45	<0.5	1.0	10.8	24	<0.1	0.2	<0.1	71	0.14	0.007
1116538	Drill Core	1.65	0.8	7.1	27.9	246	<0.1	14.4	10.9	439	2.53	<0.5	<0.5	10.8	28	<0.1	0.2	<0.1	71	0.16	0.007
1116539	Drill Core	5.01	0.4	5.4	10.3	96	<0.1	12.4	8.5	314	2.39	<0.5	1.1	11.6	28	<0.1	0.2	<0.1	64	0.14	0.005
1116540	Drill Core	1.43	0.5	4.7	4.2	51	<0.1	12.5	8.5	378	2.46	<0.5	<0.5	10.2	18	<0.1	0.1	<0.1	62	0.09	0.008
1116541	Drill Core	2.41	0.4	5.6	11.0	131	<0.1	12.7	9.2	294	2.44	<0.5	<0.5	8.9	23	<0.1	0.1	<0.1	60	0.28	0.077
1116542	Drill Core	2.72	0.3	7.3	28.0	345	<0.1	12.9	9.5	195	2.46	<0.5	<0.5	9.3	62	<0.1	0.2	<0.1	57	0.40	0.061
1116543	Drill Core	2.65	0.3	6.2	14.7	153	<0.1	13.2	9.5	206	2.63	<0.5	<0.5	9.0	56	<0.1	0.1	<0.1	68	0.39	0.072
1116544	Drill Core	4.93	0.3	5.8	12.7	125	<0.1	10.8	8.3	168	2.25	<0.5	<0.5	8.1	29	<0.1	0.2	<0.1	57	0.28	0.073
1116545	Drill Core	5.21	0.4	6.8	4.5	56	<0.1	10.3	7.5	176	1.94	<0.5	<0.5	11.6	83	<0.1	1.4	<0.1	46	0.38	0.068
1116546	Drill Core	4.05	0.3	6.2	8.2	101	<0.1	10.2	8.0	167	2.03	<0.5	<0.5	9.4	67	<0.1	0.9	<0.1	48	0.35	0.073
1116547	Drill Core	3.53	0.2	8.8	4.1	56	<0.1	11.4	8.8	189	2.43	<0.5	<0.5	8.9	37	<0.1	0.3	<0.1	59	0.39	0.096
1116548	Drill Core	5.55	0.3	4.6	2.2	30	<0.1	10.8	7.3	185	2.17	<0.5	<0.5	8.1	35	<0.1	0.2	<0.1	53	0.38	0.083
1116549	Drill Core	4.05	1.1	5.2	3.3	40	<0.1	11.5	7.8	878	2.23	<0.5	<0.5	8.3	246	<0.1	0.4	<0.1	56	0.53	0.091
1116550	Drill Core	5.68	0.3	5.3	3.8	48	<0.1	9.7	6.9	246	2.01	1.1	1.8	8.9	208	<0.1	0.7	0.1	47	0.56	0.089
1116551	Drill Core	6.90	0.3	5.7	2.1	31	<0.1	10.0	7.6	196	2.06	0.5	1.0	9.7	124	<0.1	0.3	<0.1	49	0.43	0.084
1116552	Drill Core	6.38	0.3	4.8	2.8	29	<0.1	9.6	7.7	212	2.03	0.9	0.7	8.9	126	<0.1	0.5	<0.1	42	0.47	0.103
1116553	Drill Core	8.57	0.4	5.7	1.7	26	<0.1	11.0	8.1	236	2.13	0.8	<0.5	8.0	56	<0.1	0.5	<0.1	53	0.37	0.090
1116554	Drill Core	3.86	0.3	4.3	1.8	27	<0.1	11.2	8.2	216	2.10	<0.5	<0.5	8.4	46	<0.1	0.4	<0.1	51	0.40	0.090
1116555	Drill Core	6.90	4.5	5.4	1.6	24	<0.1	10.2	7.5	243	2.13	0.6	<0.5	8.2	33	<0.1	0.2	<0.1	56	0.65	0.083
1116556	Drill Core	4.76	0.5	5.5	1.5	23	<0.1	10.1	7.3	223	2.06	<0.5	<0.5	7.9	31	<0.1	0.2	<0.1	55	0.54	0.082
1116557	Drill Core	3.54	0.8	7.4	4.4	33	<0.1	9.7	7.5	244	2.00	1.8	<0.5	8.4	82	0.1	2.9	<0.1	47	0.74	0.083
1116558	Drill Core	6.64	0.9	7.3	1.8	32	<0.1	10.1	7.8	255	2.16	0.8	<0.5	9.9	36	<0.1	0.5	<0.1	56	0.54	0.084
1116559	Drill Core	3.78	0.8	12.3	1.8	33	<0.1	12.8	9.4	309	2.47	0.9	0.5	10.2	31	<0.1	0.3	<0.1	65	0.70	0.095
1116560	Drill Core	6.28	1.0	6.7	1.6	25	<0.1	10.0	7.3	244	2.08	0.7	<0.5	8.3	26	<0.1	0.2	<0.1	55	0.54	0.084

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Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1116531	Drill Core	13	25	0.65	219	0.143	<1	0.86	0.074	0.45	0.2	<0.01	2.0	0.2	<0.05	5	<0.5	<0.2
1116532	Drill Core	11	24	0.65	197	0.163	<1	0.76	0.076	0.46	0.1	<0.01	1.4	0.2	<0.05	4	<0.5	<0.2
1116533	Drill Core	17	26	0.48	140	0.147	<1	1.42	0.006	0.40	<0.1	0.01	4.2	0.4	<0.05	6	<0.5	<0.2
1116534	Drill Core	19	24	0.45	272	0.152	<1	1.00	0.005	0.41	<0.1	0.01	3.5	0.4	<0.05	5	<0.5	<0.2
1116535	Drill Core	14	26	0.45	364	0.156	<1	1.03	0.005	0.39	<0.1	<0.01	3.5	0.4	<0.05	5	<0.5	<0.2
1116536	Drill Core	14	27	0.49	321	0.151	<1	1.24	0.006	0.40	<0.1	<0.01	3.6	0.4	<0.05	5	<0.5	<0.2
1116537	Drill Core	16	25	0.48	276	0.138	<1	1.22	0.006	0.38	<0.1	<0.01	3.6	0.4	<0.05	5	<0.5	<0.2
1116538	Drill Core	14	25	0.46	162	0.126	<1	1.30	0.008	0.38	0.2	<0.01	3.6	0.5	<0.05	6	<0.5	<0.2
1116539	Drill Core	13	25	0.43	153	0.133	<1	1.22	0.012	0.38	0.2	<0.01	3.2	0.3	<0.05	5	<0.5	<0.2
1116540	Drill Core	14	23	0.41	139	0.152	<1	0.85	0.032	0.38	0.2	<0.01	3.1	0.2	<0.05	4	<0.5	<0.2
1116541	Drill Core	16	26	0.48	149	0.159	<1	0.96	0.038	0.40	0.4	<0.01	3.2	0.2	<0.05	4	<0.5	<0.2
1116542	Drill Core	19	25	0.51	221	0.127	<1	1.12	0.042	0.37	0.4	0.01	3.1	0.2	<0.05	5	<0.5	<0.2
1116543	Drill Core	16	29	0.59	201	0.148	<1	1.12	0.045	0.41	0.3	<0.01	3.4	0.2	<0.05	5	<0.5	<0.2
1116544	Drill Core	10	25	0.48	144	0.151	<1	0.83	0.039	0.37	0.4	0.02	2.7	0.2	<0.05	4	<0.5	<0.2
1116545	Drill Core	16	20	0.50	270	0.093	<1	1.09	0.043	0.35	0.3	0.02	2.6	0.2	<0.05	5	<0.5	<0.2
1116546	Drill Core	14	20	0.48	234	0.113	<1	0.94	0.046	0.36	0.4	0.01	2.6	0.2	<0.05	4	<0.5	<0.2
1116547	Drill Core	12	26	0.54	138	0.138	<1	0.94	0.054	0.40	0.5	<0.01	3.4	0.2	<0.05	5	<0.5	<0.2
1116548	Drill Core	11	23	0.49	124	0.141	<1	0.86	0.052	0.36	0.4	<0.01	2.8	0.2	<0.05	5	<0.5	<0.2
1116549	Drill Core	12	24	0.54	979	0.145	<1	1.13	0.065	0.39	0.7	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1116550	Drill Core	19	17	0.50	728	0.082	<1	1.16	0.057	0.35	0.6	0.01	3.6	0.2	<0.05	6	<0.5	<0.2
1116551	Drill Core	11	20	0.53	317	0.129	<1	0.88	0.049	0.35	0.8	0.01	2.3	0.2	<0.05	5	<0.5	<0.2
1116552	Drill Core	15	18	0.58	283	0.091	<1	0.95	0.042	0.35	0.7	<0.01	3.3	0.2	<0.05	5	<0.5	<0.2
1116553	Drill Core	12	24	0.60	205	0.135	<1	0.78	0.057	0.42	0.4	<0.01	2.6	0.2	<0.05	4	<0.5	<0.2
1116554	Drill Core	13	21	0.61	158	0.102	<1	0.77	0.059	0.35	0.3	<0.01	3.0	0.2	<0.05	4	<0.5	<0.2
1116555	Drill Core	11	23	0.59	187	0.152	<1	0.70	0.077	0.41	0.3	0.01	2.0	0.2	<0.05	4	<0.5	<0.2
1116556	Drill Core	11	21	0.57	184	0.150	<1	0.70	0.068	0.43	0.2	<0.01	1.6	0.2	<0.05	4	<0.5	<0.2
1116557	Drill Core	14	18	0.54	194	0.096	<1	0.94	0.057	0.38	0.2	0.01	3.0	0.2	<0.05	5	<0.5	<0.2
1116558	Drill Core	11	21	0.62	196	0.164	<1	0.78	0.067	0.43	0.2	<0.01	2.0	0.2	<0.05	4	<0.5	<0.2
1116559	Drill Core	14	32	0.78	210	0.191	<1	0.85	0.085	0.51	0.2	<0.01	2.4	0.2	<0.05	5	<0.5	<0.2
1116560	Drill Core	11	21	0.61	188	0.166	<1	0.69	0.071	0.44	0.2	<0.01	1.7	0.2	<0.05	4	<0.5	<0.2

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		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1116561	Drill Core	4.81	2.2	6.2	1.4	23	<0.1	10.7	7.7	246	2.18	0.6	<0.5	8.2	28	<0.1	0.2	<0.1	58	0.54	0.089
1116562	Drill Core	7.94	2.8	5.9	1.4	24	<0.1	10.4	7.7	242	2.16	0.6	<0.5	8.5	28	<0.1	0.2	<0.1	59	0.45	0.087
1116563	Drill Core	8.18	2.0	6.3	1.5	26	<0.1	11.0	7.9	263	2.28	0.8	<0.5	8.0	31	<0.1	0.2	<0.1	60	0.57	0.093
1116564	Drill Core	8.11	1.2	6.6	1.4	25	<0.1	10.5	8.0	252	2.19	0.6	<0.5	7.8	30	<0.1	0.2	<0.1	59	0.56	0.092
1116565	Drill Core	8.37	2.6	6.8	1.5	26	<0.1	11.0	7.8	260	2.17	0.8	<0.5	7.9	31	<0.1	0.3	<0.1	58	0.75	0.087
1116566	Drill Core	7.57	4.1	6.1	2.5	31	<0.1	9.1	8.0	312	2.03	0.8	<0.5	8.8	52	0.2	0.7	0.1	48	1.24	0.090
1116567	Drill Core	8.39	0.7	6.0	1.8	27	<0.1	9.7	7.4	251	2.04	0.8	1.1	8.3	46	0.1	0.3	<0.1	50	0.73	0.080
1116568	Drill Core	8.31	0.7	5.5	2.7	31	0.2	8.7	7.2	285	1.92	0.7	<0.5	8.9	56	0.4	0.6	<0.1	43	1.83	0.089
1116569	Drill Core	7.18	0.5	6.6	2.3	31	<0.1	9.1	7.2	246	1.94	<0.5	3.0	7.8	61	0.2	0.8	0.1	43	0.92	0.080
1116570	Drill Core	3.34	0.8	26.5	2.0	70	<0.1	49.6	26.3	673	4.18	0.8	1.6	3.8	263	0.2	0.4	<0.1	89	2.20	0.155
1116571	Drill Core	5.16	0.6	4.6	3.2	33	0.1	10.5	7.6	284	1.99	0.7	1.3	9.1	75	0.3	0.9	<0.1	36	1.42	0.093
1116572	Drill Core	8.36	1.5	12.1	2.0	34	<0.1	12.2	8.7	288	2.34	<0.5	1.3	7.2	40	<0.1	0.4	<0.1	59	0.92	0.095
1116573	Drill Core	7.58	0.2	6.8	3.1	41	<0.1	9.9	7.1	226	1.98	0.6	1.4	9.2	393	0.1	0.8	<0.1	46	0.85	0.078
1116574	Drill Core	7.78	0.4	5.0	2.8	36	<0.1	10.3	7.4	233	1.94	<0.5	<0.5	7.9	83	<0.1	0.7	<0.1	46	0.86	0.082
1116575	Drill Core	7.16	1.5	5.8	1.7	31	<0.1	10.4	7.5	244	2.14	<0.5	1.1	7.9	70	<0.1	0.2	<0.1	53	0.59	0.086
1116576	Drill Core	8.48	0.9	6.9	2.0	27	<0.1	10.3	7.4	235	2.11	<0.5	<0.5	7.3	42	<0.1	0.1	<0.1	54	0.53	0.087
1116577	Drill Core	8.92	1.2	6.9	2.2	29	<0.1	11.3	7.5	230	2.18	0.6	1.2	8.2	26	<0.1	0.2	<0.1	57	0.48	0.091
1116578	Drill Core	8.09	1.2	7.7	1.7	26	<0.1	10.2	7.3	226	2.10	<0.5	<0.5	7.8	23	<0.1	0.1	<0.1	55	0.42	0.084
1116579	Drill Core	9.20	2.0	8.1	1.7	33	<0.1	10.3	7.0	239	2.03	<0.5	1.2	9.8	24	<0.1	<0.1	<0.1	53	0.40	0.082
1116580	Drill Core	8.77	1.9	6.4	1.8	34	<0.1	10.8	7.4	225	2.03	<0.5	<0.5	9.4	28	<0.1	<0.1	<0.1	53	0.41	0.083
1116581	Drill Core	7.57	1.4	6.1	1.6	28	<0.1	10.4	6.9	224	1.99	<0.5	<0.5	7.9	22	<0.1	0.1	<0.1	51	0.38	0.078
1116582	Drill Core	8.29	2.0	6.8	1.4	28	<0.1	11.5	8.0	271	2.06	0.7	<0.5	7.8	40	<0.1	0.4	<0.1	54	0.63	0.085



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Project: Auro
 Report Date: July 03, 2011

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CERTIFICATE OF ANALYSIS

VAN11002685.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1116561	Drill Core	10	23	0.63	185	0.164	<1	0.71	0.075	0.44	0.1	<0.01	1.7	0.2	<0.05	4	<0.5	<0.2
1116562	Drill Core	11	22	0.66	196	0.171	<1	0.73	0.079	0.45	0.1	<0.01	1.5	0.2	<0.05	4	<0.5	<0.2
1116563	Drill Core	11	25	0.69	198	0.174	<1	0.77	0.078	0.46	0.2	<0.01	1.8	0.2	<0.05	4	<0.5	<0.2
1116564	Drill Core	11	23	0.65	187	0.170	<1	0.75	0.070	0.44	0.2	<0.01	1.6	0.2	<0.05	4	<0.5	<0.2
1116565	Drill Core	12	23	0.64	180	0.154	<1	0.70	0.071	0.41	0.2	<0.01	2.1	0.2	<0.05	4	<0.5	<0.2
1116566	Drill Core	15	18	0.55	155	0.114	<1	0.79	0.057	0.42	0.2	<0.01	3.0	0.3	<0.05	4	<0.5	<0.2
1116567	Drill Core	12	20	0.55	164	0.137	<1	0.73	0.063	0.42	0.2	<0.01	2.0	0.2	<0.05	4	<0.5	<0.2
1116568	Drill Core	16	16	0.43	133	0.093	1	0.69	0.050	0.37	0.6	0.01	2.9	0.2	<0.05	4	<0.5	<0.2
1116569	Drill Core	12	18	0.59	153	0.100	2	0.74	0.052	0.39	0.3	0.01	2.2	0.2	<0.05	5	<0.5	<0.2
1116570	Drill Core	15	62	1.50	133	0.379	2	1.91	0.254	0.17	0.2	0.01	3.0	<0.1	0.11	8	<0.5	<0.2
1116571	Drill Core	19	17	0.54	116	0.061	3	0.93	0.053	0.36	0.5	<0.01	3.2	0.2	<0.05	5	<0.5	<0.2
1116572	Drill Core	12	21	0.67	181	0.143	1	0.81	0.069	0.43	0.4	<0.01	2.3	0.2	<0.05	5	<0.5	<0.2
1116573	Drill Core	12	18	0.65	228	0.084	2	1.27	0.075	0.37	0.3	<0.01	2.2	0.2	<0.05	8	<0.5	<0.2
1116574	Drill Core	12	19	0.57	176	0.115	<1	0.88	0.064	0.42	0.2	<0.01	1.9	0.2	<0.05	5	<0.5	<0.2
1116575	Drill Core	10	23	0.62	190	0.143	<1	0.81	0.073	0.43	0.3	<0.01	1.6	0.2	<0.05	5	<0.5	<0.2
1116576	Drill Core	10	21	0.61	193	0.159	1	0.79	0.085	0.45	0.3	<0.01	1.4	0.2	<0.05	5	<0.5	<0.2
1116577	Drill Core	11	25	0.59	192	0.181	1	0.76	0.095	0.48	0.3	<0.01	1.4	0.2	<0.05	5	<0.5	<0.2
1116578	Drill Core	10	21	0.56	184	0.170	<1	0.70	0.094	0.45	0.2	<0.01	1.2	0.2	<0.05	4	<0.5	<0.2
1116579	Drill Core	11	24	0.55	199	0.174	2	0.72	0.105	0.48	0.2	<0.01	1.2	0.2	<0.05	4	<0.5	<0.2
1116580	Drill Core	10	21	0.56	197	0.174	<1	0.69	0.088	0.48	0.2	<0.01	1.2	0.2	<0.05	4	<0.5	<0.2
1116581	Drill Core	10	21	0.55	188	0.162	<1	0.67	0.085	0.45	0.1	<0.01	1.3	0.2	<0.05	4	<0.5	<0.2
1116582	Drill Core	11	22	0.61	196	0.151	1	0.75	0.079	0.47	0.1	<0.01	2.0	0.3	<0.05	4	<0.5	<0.2



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Project: Auro
Report Date: July 03, 2011

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QUALITY CONTROL REPORT

VAN11002685.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
1116512	Drill Core	5.84	0.4	9.7	4.7	57	<0.1	10.8	9.4	145	2.05	0.7	0.6	7.8	34	<0.1	0.1	<0.1	53	0.31	0.075
REP 1116512	QC		0.3	9.6	5.2	58	<0.1	10.9	9.6	150	2.09	0.6	0.9	8.2	36	<0.1	0.2	<0.1	55	0.32	0.078
1116535	Drill Core	4.27	1.5	5.2	7.0	48	0.2	11.2	14.0	1185	2.46	<0.5	0.9	12.5	15	<0.1	0.2	0.1	80	0.07	0.008
REP 1116535	QC		1.7	5.7	7.5	47	0.2	11.3	14.1	1193	2.48	<0.5	<0.5	12.9	15	<0.1	0.2	<0.1	82	0.07	0.009
1116576	Drill Core	8.48	0.9	6.9	2.0	27	<0.1	10.3	7.4	235	2.11	<0.5	<0.5	7.3	42	<0.1	0.1	<0.1	54	0.53	0.087
REP 1116576	QC		1.0	6.6	2.5	27	<0.1	10.7	7.7	234	2.12	<0.5	0.8	7.4	43	<0.1	0.2	<0.1	55	0.54	0.088
Core Reject Duplicates																					
1116505	Drill Core	4.19	0.6	8.1	11.5	51	<0.1	4.4	4.2	119	1.69	0.5	<0.5	4.2	14	<0.1	<0.1	0.1	33	0.11	0.008
DUP 1116505	QC		0.5	8.1	8.8	52	<0.1	4.1	4.3	115	1.68	0.7	1.7	4.0	14	<0.1	0.1	<0.1	33	0.11	0.007
1116540	Drill Core	1.43	0.5	4.7	4.2	51	<0.1	12.5	8.5	378	2.46	<0.5	<0.5	10.2	18	<0.1	0.1	<0.1	62	0.09	0.008
DUP 1116540	QC		0.5	4.7	4.3	50	<0.1	12.7	8.6	370	2.54	<0.5	<0.5	10.6	19	<0.1	0.1	<0.1	65	0.09	0.009
1116575	Drill Core	7.16	1.5	5.8	1.7	31	<0.1	10.4	7.5	244	2.14	<0.5	1.1	7.9	70	<0.1	0.2	<0.1	53	0.59	0.086
DUP 1116575	QC		1.5	6.0	2.0	29	<0.1	10.5	7.4	230	2.03	<0.5	0.7	7.6	69	<0.1	0.2	<0.1	52	0.58	0.081
Reference Materials																					
STD DS8	Standard		14.1	126.0	144.8	348	1.9	42.3	8.9	661	2.66	31.6	123.3	7.6	71	2.8	6.7	7.7	44	0.76	0.094
STD DS8	Standard		14.4	125.5	133.8	331	1.7	42.4	8.4	645	2.55	29.5	105.9	7.6	68	2.8	6.2	7.3	43	0.74	0.085
STD DS8	Standard		12.2	111.7	112.4	302	1.7	37.6	7.7	575	2.36	24.8	100.4	6.3	62	2.6	5.5	6.4	40	0.66	0.078
STD DS8	Standard		12.4	113.1	111.4	312	1.7	36.2	7.2	576	2.39	26.3	123.7	6.4	65	2.5	5.4	6.4	41	0.68	0.081
STD DS8	Standard		12.8	105.9	120.8	316	1.7	37.5	7.3	592	2.41	25.6	111.5	6.5	61	2.3	5.6	6.5	38	0.69	0.078
STD DS8	Standard		11.8	103.7	115.7	301	1.6	35.1	7.0	573	2.30	24.7	103.6	6.4	58	2.1	4.9	6.0	37	0.66	0.075
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	<0.1	1.5	2.7	46	<0.1	3.2	4.1	513	1.79	<0.5	1.5	5.2	57	<0.1	<0.1	<0.1	33	0.41	0.074
G1	Prep Blank	<0.01	0.1	1.7	3.0	51	<0.1	3.5	4.6	578	1.92	<0.5	0.5	5.6	62	<0.1	<0.1	<0.1	36	0.45	0.083



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Project: Auro
 Report Date: July 03, 2011

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QUALITY CONTROL REPORT

VAN11002685.1

Method	Analyte	1DX15 La	1DX15 Cr	1DX15 Mg	1DX15 Ba	1DX15 Ti	1DX15 B	1DX15 Al	1DX15 Na	1DX15 K	1DX15 W	1DX15 Hg	1DX15 Sc	1DX15 Ti	1DX15 S	1DX15 Ga	1DX15 Se	1DX15 Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1116512	Drill Core	10	22	0.44	192	0.128	<1	0.64	0.043	0.35	0.2	<0.01	2.0	0.2	<0.05	4	<0.5	<0.2
REP 1116512	QC	10	22	0.45	202	0.130	<1	0.66	0.045	0.35	0.3	<0.01	2.1	0.2	<0.05	4	<0.5	<0.2
1116535	Drill Core	14	26	0.45	364	0.156	<1	1.03	0.005	0.39	<0.1	<0.01	3.5	0.4	<0.05	5	<0.5	<0.2
REP 1116535	QC	14	26	0.45	370	0.157	<1	1.06	0.005	0.41	<0.1	<0.01	3.5	0.4	<0.05	5	<0.5	<0.2
1116576	Drill Core	10	21	0.61	193	0.159	1	0.79	0.085	0.45	0.3	<0.01	1.4	0.2	<0.05	5	<0.5	<0.2
REP 1116576	QC	11	22	0.62	191	0.169	<1	0.83	0.092	0.45	0.2	<0.01	1.4	0.2	<0.05	5	<0.5	<0.2
Core Reject Duplicates																		
1116505	Drill Core	7	15	0.11	59	0.089	<1	0.84	0.025	0.08	<0.1	0.05	2.1	0.1	<0.05	4	<0.5	<0.2
DUP 1116505	QC	7	15	0.11	58	0.089	<1	0.81	0.022	0.08	<0.1	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1116540	Drill Core	14	23	0.41	139	0.152	<1	0.85	0.032	0.38	0.2	<0.01	3.1	0.2	<0.05	4	<0.5	<0.2
DUP 1116540	QC	14	24	0.43	145	0.160	<1	0.87	0.033	0.38	0.2	<0.01	3.1	0.2	<0.05	4	<0.5	<0.2
1116575	Drill Core	10	23	0.62	190	0.143	<1	0.81	0.073	0.43	0.3	<0.01	1.6	0.2	<0.05	5	<0.5	<0.2
DUP 1116575	QC	11	22	0.60	184	0.137	1	0.80	0.074	0.42	0.3	<0.01	1.6	0.2	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	127	0.66	293	0.126	3	0.97	0.095	0.43	3.1	0.22	2.1	5.9	0.18	5	5.3	5.7
STD DS8	Standard	15	122	0.63	290	0.125	2	0.95	0.094	0.43	3.0	0.20	2.1	5.5	0.17	5	5.0	4.8
STD DS8	Standard	13	112	0.59	262	0.115	2	0.87	0.081	0.40	2.7	0.19	2.0	4.9	0.16	4	5.7	4.5
STD DS8	Standard	13	111	0.59	264	0.117	2	0.88	0.084	0.40	2.6	0.19	2.0	4.9	0.16	4	5.9	4.8
STD DS8	Standard	14	114	0.59	268	0.107	4	0.89	0.085	0.41	2.9	0.19	1.9	5.4	0.15	5	5.6	4.9
STD DS8	Standard	13	107	0.56	257	0.103	3	0.86	0.082	0.38	2.6	0.19	1.9	5.1	0.14	4	5.3	5.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank	8	6	0.52	211	0.098	1	0.89	0.082	0.44	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	8	6	0.58	232	0.107	2	0.96	0.084	0.48	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2



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Submitted By: Bob Krause
Receiving Lab: Canada-Vancouver
Received: June 21, 2011
Report Date: June 30, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN11002687.1

CLIENT JOB INFORMATION

Project: Auro
Shipment ID:
P.O. Number
Number of Samples: 34

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

SAMPLE DISPOSAL

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

ADDITIONAL COMMENTS

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

Invoice To: Gold Reach Resources
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Canada

CC: Shane Ebert
Jim Cuttle



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Auro

Report Date: June 30, 2011

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CERTIFICATE OF ANALYSIS

VAN11002687.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1116583	Drill Core	3.99	0.4	143.9	2.5	57	0.1	20.7	17.6	533	3.74	0.8	2.5	1.6	236	0.2	0.2	<0.1	157	1.96	0.157
1116584	Drill Core	3.10	1.5	180.8	4.8	62	0.1	18.5	16.1	640	3.45	0.7	<0.5	1.4	262	0.2	0.2	<0.1	146	1.82	0.153
1116585	Drill Core	8.38	6.7	290.8	2.5	25	0.4	9.9	9.4	189	2.06	5.9	7.1	8.6	41	<0.1	0.4	0.4	47	1.12	0.076
1116586	Drill Core	8.58	28.3	1223	4.5	45	2.0	11.9	14.8	186	2.52	2.8	6.0	9.0	38	0.2	0.7	1.1	49	1.00	0.077
1116587	Drill Core	7.98	7.7	795.2	7.4	144	1.1	11.3	12.9	190	2.40	3.6	6.3	8.4	21	0.6	0.6	0.9	56	1.29	0.080
1116588	Drill Core	7.54	8.5	487.1	413.7	2682	11.6	9.2	9.1	249	2.46	11.2	3.8	8.8	20	16.4	0.8	25.8	43	1.66	0.073
1116589	Drill Core	7.95	7.5	199.3	12.5	134	1.1	10.0	7.3	216	2.21	2.0	1.7	9.5	21	0.8	0.2	1.4	49	0.69	0.076
1116590	Rock Pulp	0.06	8.2	219.2	391.2	679	6.4	56.4	14.7	734	4.54	2217	1282	1.3	66	4.5	70.4	2.6	44	1.62	0.055
1116591	Drill Core	11.07	6.7	136.4	2.5	19	0.2	10.8	7.4	171	2.31	1.3	1.2	10.9	15	<0.1	0.1	0.2	56	0.77	0.082
1116592	Drill Core	8.49	7.4	545.0	53.4	56	2.7	9.6	7.9	176	2.34	0.7	1.5	9.3	17	0.3	0.2	2.6	57	1.07	0.084
1116593	Drill Core	8.41	5.2	517.5	2.8	24	0.6	9.7	13.2	171	2.33	1.2	2.3	8.4	15	0.1	0.2	0.5	55	1.14	0.078
1116594	Drill Core	8.38	8.2	440.8	2.8	26	0.5	10.1	8.6	192	2.36	1.1	3.2	9.9	15	<0.1	0.2	0.5	57	1.57	0.083
1116595	Drill Core	7.92	7.3	1415	282.4	569	23.4	9.8	10.6	198	2.54	4.1	3.9	9.7	15	2.8	1.2	40.0	53	1.42	0.082
1116596	Drill Core	8.19	7.0	305.4	2.9	71	0.7	9.7	8.6	188	2.46	1.5	<0.5	9.1	15	<0.1	0.9	1.4	55	1.48	0.083
1116597	Drill Core	8.06	1.7	142.5	3.1	23	0.2	11.3	9.3	249	2.79	2.3	<0.5	7.4	15	<0.1	0.5	0.2	63	1.69	0.090
1116598	Drill Core	8.56	2.0	71.8	3.2	21	0.1	9.5	7.9	224	2.64	<0.5	2.4	7.5	15	<0.1	<0.1	0.1	59	1.98	0.090
1116599	Drill Core	13.64	2.4	171.7	3.7	28	0.5	10.3	7.9	208	2.60	2.0	2.0	8.4	16	<0.1	0.3	1.6	59	1.79	0.086
1116600	Rock Pulp	0.06	3.0	24.1	1.9	27	0.5	19.1	8.2	288	1.71	2.4	<0.5	0.9	30	0.2	0.2	<0.1	46	0.73	0.047
1116601	Drill Core	7.71	5.3	1093	5.2	72	1.0	10.4	8.7	233	2.77	3.4	2.6	7.3	23	0.1	0.9	5.7	64	2.41	0.095
1116602	Drill Core	10.90	2.1	118.9	2.2	29	0.2	5.4	6.6	110	1.30	1.2	0.9	4.0	12	<0.1	0.4	0.3	33	1.25	0.056
1116603	Drill Core	3.55	4.5	54.0	4.7	52	0.1	10.1	8.8	210	2.59	3.2	<0.5	7.8	28	<0.1	0.5	0.1	66	2.42	0.099
1116604	Drill Core	6.78	2.3	53.9	8.9	194	0.1	4.2	12.2	815	3.69	5.1	0.7	4.1	407	<0.1	0.8	0.3	127	4.15	0.181
1116605	Drill Core	6.08	3.1	98.8	4.7	116	<0.1	16.0	21.1	766	4.16	10.8	<0.5	1.8	693	<0.1	0.9	<0.1	172	4.43	0.131
1116606	Drill Core	9.21	6.1	108.3	4.2	71	0.1	26.0	16.8	777	4.17	17.6	1.9	2.0	982	<0.1	1.1	<0.1	140	4.05	0.135
1116607	Drill Core	7.35	2.5	158.7	3.5	45	0.1	35.6	21.9	672	4.01	26.7	2.2	1.3	199	<0.1	2.5	<0.1	109	5.88	0.106
1116608	Drill Core	9.97	1.7	98.4	4.4	38	0.2	14.3	16.7	444	2.90	13.5	<0.5	1.5	880	<0.1	1.8	<0.1	92	4.57	0.118
1116609	Drill Core	8.41	4.1	123.3	2.9	73	0.1	21.3	30.3	792	6.61	14.0	1.7	1.2	473	<0.1	0.6	<0.1	262	3.77	0.149
1116610	Rock Pulp	0.09	7.5	219.9	381.6	676	6.5	56.3	14.1	711	4.51	2168	1195	1.3	68	4.1	69.7	2.2	45	1.63	0.055
1116611	Drill Core	5.84	1.3	309.8	3.4	274	0.9	19.4	23.1	724	4.96	8.7	4.9	1.0	303	1.0	0.9	0.5	201	3.04	0.164
1116612	Drill Core	7.96	1.0	85.4	3.4	54	<0.1	21.1	21.8	471	3.78	11.4	<0.5	1.1	639	<0.1	0.9	<0.1	145	4.45	0.111



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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
1116583	Drill Core	11	28	1.21	301	0.245	<1	3.14	0.329	1.24	0.3	<0.01	3.3	0.2	<0.05	7	<0.5	0.2
1116584	Drill Core	8	14	1.39	263	0.236	2	2.84	0.318	1.19	<0.1	<0.01	5.1	0.3	<0.05	7	<0.5	<0.2
1116585	Drill Core	12	17	0.68	178	0.138	<1	1.55	0.112	0.50	0.1	<0.01	2.6	0.4	0.23	5	0.7	<0.2
1116586	Drill Core	12	20	0.73	166	0.150	<1	1.53	0.117	0.51	0.1	<0.01	2.9	0.5	0.56	5	0.6	<0.2
1116587	Drill Core	10	21	0.80	166	0.160	<1	2.31	0.184	0.55	<0.1	<0.01	3.1	0.5	0.43	6	0.7	0.3
1116588	Drill Core	12	17	0.55	118	0.106	<1	1.96	0.171	0.35	0.1	0.03	1.9	0.3	0.80	5	<0.5	1.0
1116589	Drill Core	11	19	0.64	166	0.143	<1	1.22	0.092	0.42	0.1	<0.01	1.8	0.3	0.21	5	<0.5	0.2
1116590	Rock Pulp	8	61	0.93	335	0.068	4	1.15	0.063	0.15	2.9	0.92	4.9	0.2	1.24	4	0.9	<0.2
1116591	Drill Core	11	21	0.68	183	0.188	<1	1.38	0.119	0.52	0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2
1116592	Drill Core	11	22	0.69	179	0.182	<1	1.79	0.157	0.50	<0.1	<0.01	1.9	0.3	0.14	5	<0.5	0.4
1116593	Drill Core	10	22	0.68	160	0.174	<1	2.01	0.177	0.45	0.3	<0.01	2.1	0.3	0.20	6	0.5	0.3
1116594	Drill Core	12	23	0.72	150	0.164	<1	2.65	0.238	0.37	<0.1	<0.01	2.3	0.2	0.18	6	<0.5	<0.2
1116595	Drill Core	13	21	0.67	146	0.146	<1	2.48	0.234	0.36	<0.1	<0.01	2.4	0.3	0.45	6	<0.5	1.8
1116596	Drill Core	12	23	0.67	128	0.147	<1	2.56	0.239	0.30	<0.1	<0.01	2.3	0.2	0.13	7	<0.5	<0.2
1116597	Drill Core	14	25	0.78	131	0.175	<1	2.71	0.247	0.33	<0.1	<0.01	2.7	0.3	0.13	8	<0.5	<0.2
1116598	Drill Core	11	22	0.76	151	0.175	<1	3.11	0.296	0.39	<0.1	<0.01	2.4	0.4	<0.05	7	<0.5	0.3
1116599	Drill Core	12	24	0.73	163	0.168	<1	2.99	0.290	0.41	<0.1	<0.01	2.3	0.3	0.15	7	<0.5	<0.2
1116600	Rock Pulp	5	27	0.48	76	0.131	<1	1.09	0.064	0.08	13.9	<0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
1116601	Drill Core	14	26	0.74	176	0.167	<1	3.91	0.391	0.45	<0.1	<0.01	2.7	0.3	0.23	7	<0.5	0.3
1116602	Drill Core	7	13	0.39	105	0.094	<1	1.95	0.192	0.24	0.1	<0.01	1.2	0.1	0.17	3	<0.5	<0.2
1116603	Drill Core	13	26	0.69	245	0.172	<1	3.68	0.388	0.47	<0.1	<0.01	2.0	0.3	0.12	6	<0.5	<0.2
1116604	Drill Core	18	11	0.98	156	0.263	<1	4.93	0.440	0.71	<0.1	<0.01	7.7	0.3	0.08	12	0.6	<0.2
1116605	Drill Core	9	19	1.63	322	0.291	<1	6.28	0.604	0.89	<0.1	<0.01	8.1	0.2	0.07	15	<0.5	<0.2
1116606	Drill Core	8	32	1.53	319	0.268	<1	6.92	0.694	1.24	<0.1	<0.01	11.6	0.3	0.35	14	<0.5	<0.2
1116607	Drill Core	6	43	1.20	162	0.230	<1	7.22	0.729	0.90	<0.1	<0.01	11.0	0.3	0.96	12	0.6	<0.2
1116608	Drill Core	8	10	0.88	364	0.175	1	6.61	0.796	0.71	<0.1	<0.01	5.3	0.2	0.40	11	0.5	<0.2
1116609	Drill Core	6	18	2.39	594	0.349	<1	7.74	0.681	2.62	0.1	<0.01	19.4	0.6	0.62	16	<0.5	<0.2
1116610	Rock Pulp	8	63	0.94	337	0.076	1	1.18	0.065	0.17	2.6	0.86	5.5	0.2	1.24	4	2.2	1.7
1116611	Drill Core	6	15	1.82	609	0.298	<1	5.71	0.451	1.81	0.2	<0.01	14.6	0.8	0.59	12	<0.5	<0.2
1116612	Drill Core	7	18	1.46	668	0.281	<1	7.10	0.928	1.25	<0.1	<0.01	5.9	0.3	0.09	12	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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CERTIFICATE OF ANALYSIS

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Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1116613	Drill Core	6.42	4.7	56.5	3.3	46	<0.1	16.3	17.8	362	3.24	3.5	1.1	1.2	490	<0.1	0.7	<0.1	134	4.07	0.125
1116614	Drill Core	6.33	0.9	135.4	2.6	49	<0.1	24.0	22.2	426	3.68	6.9	<0.5	1.1	606	<0.1	0.6	<0.1	165	4.18	0.118
1116615	Drill Core	8.90	0.3	35.9	4.0	53	<0.1	18.6	18.4	431	3.50	10.6	1.6	1.0	772	<0.1	0.3	<0.1	153	4.66	0.119
1116616	Drill Core	9.04	6.7	101.8	4.6	32	0.2	9.1	9.3	255	1.79	16.2	0.6	9.9	28	0.1	0.9	0.4	47	1.56	0.077



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CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1116613	Drill Core	8	16	1.15	429	0.326	<1	7.22	1.118	1.26	<0.1	<0.01	3.5	0.2	0.05	11	<0.5	<0.2
1116614	Drill Core	8	17	1.26	385	0.339	<1	7.30	1.173	1.22	<0.1	<0.01	5.4	0.2	0.07	12	0.6	<0.2
1116615	Drill Core	7	16	1.17	285	0.316	<1	7.08	1.209	1.02	<0.1	0.01	5.8	0.3	<0.05	11	<0.5	<0.2
1116616	Drill Core	14	15	0.59	123	0.164	<1	2.62	0.246	0.26	<0.1	0.01	1.6	0.2	0.17	7	<0.5	<0.2



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QUALITY CONTROL REPORT

VAN11002687.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
1116604	Drill Core	6.78	2.3	53.9	8.9	194	0.1	4.2	12.2	815	3.69	5.1	0.7	4.1	407	<0.1	0.8	0.3	127	4.15	0.181
REP 1116604	QC		2.2	50.9	8.4	180	<0.1	4.4	11.2	790	3.55	4.6	<0.5	3.8	401	<0.1	0.9	0.4	123	4.03	0.177
Core Reject Duplicates																					
1116594	Drill Core	8.38	8.2	440.8	2.8	26	0.5	10.1	8.6	192	2.36	1.1	3.2	9.9	15	<0.1	0.2	0.5	57	1.57	0.083
DUP 1116594	QC		6.9	428.3	2.7	23	0.5	10.4	8.8	194	2.39	1.1	1.3	9.6	16	<0.1	0.2	0.4	56	1.54	0.082
Reference Materials																					
STD DS8	Standard		13.4	110.3	113.0	303	1.7	39.3	7.5	586	2.38	24.8	112.1	5.9	62	2.4	5.2	6.1	39	0.70	0.077
STD DS8	Standard		14.1	120.6	127.1	329	1.8	41.7	7.8	650	2.58	25.5	114.6	7.0	65	2.4	5.5	6.4	43	0.75	0.081
STD DS8	Standard		12.9	117.3	123.1	324	1.8	37.3	7.1	622	2.52	26.4	108.2	7.2	71	2.6	5.3	6.5	42	0.72	0.077
STD DS8	Standard		13.8	117.6	124.7	335	1.8	38.6	7.3	622	2.57	26.7	112.7	7.4	72	2.6	5.4	7.0	42	0.73	0.083
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank		<0.1	0.7	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	<0.1	3.0	2.5	47	<0.1	4.0	4.4	546	1.81	<0.5	4.9	4.4	52	0.1	0.1	0.1	34	0.48	0.075
G1	Prep Blank	<0.01	0.2	3.3	2.6	42	<0.1	3.7	4.2	545	1.86	<0.5	2.2	4.6	54	<0.1	<0.1	<0.1	35	0.54	0.074



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QUALITY CONTROL REPORT

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Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
1116604	Drill Core	18	11	0.98	156	0.263	<1	4.93	0.440	0.71	<0.1	<0.01	7.7	0.3	0.08	12	0.6	<0.2
REP 1116604	QC	18	10	0.94	150	0.262	<1	4.70	0.438	0.69	<0.1	<0.01	7.9	0.3	0.07	11	<0.5	<0.2
Core Reject Duplicates																		
1116594	Drill Core	12	23	0.72	150	0.164	<1	2.65	0.238	0.37	<0.1	<0.01	2.3	0.2	0.18	6	<0.5	<0.2
DUP 1116594	QC	12	22	0.72	153	0.166	<1	2.59	0.235	0.37	<0.1	<0.01	2.2	0.2	0.18	7	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	117	0.60	256	0.123	4	0.90	0.085	0.39	2.9	0.20	2.1	5.0	0.16	5	5.2	5.2
STD DS8	Standard	16	126	0.65	278	0.135	3	0.99	0.092	0.42	2.8	0.20	2.6	5.2	0.17	5	5.1	5.3
STD DS8	Standard	15	115	0.63	287	0.126	2	0.92	0.088	0.39	3.1	0.19	2.0	5.7	0.17	5	5.5	4.8
STD DS8	Standard	15	117	0.65	293	0.125	2	0.95	0.089	0.42	3.0	0.19	2.0	5.6	0.17	5	5.8	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<1	<0.5	<0.2	
Prep Wash																		
G1	Prep Blank	8	6	0.56	202	0.126	1	0.92	0.065	0.46	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	9	6	0.55	196	0.130	2	0.94	0.073	0.45	0.5	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2



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Submitted By: Bob Krause
Receiving Lab: Canada-Smithers
Received: June 28, 2011
Report Date: July 12, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS

SMI11000121.1

CLIENT JOB INFORMATION

Project: Auro
Shipment ID: 5
P.O. Number
Number of Samples: 51

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

SAMPLE DISPOSAL

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

ADDITIONAL COMMENTS

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

Invoice To: Gold Reach Resources
888 - 700 West Georgia Street
Vancouver BC V7Y 1G5
Canada

CC: Shane Ebert
Jim Cuttle



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Auro
Report Date: July 12, 2011

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CERTIFICATE OF ANALYSIS

SMI11000121.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1116833	Drill Core	5.11	1.0	33.8	1.8	44	<0.1	32.2	16.0	530	3.23	2.0	<0.5	3.0	121	<0.1	<0.1	<0.1	104	2.59	0.140
1116834	Drill Core	7.33	0.7	27.1	3.0	57	<0.1	34.7	16.4	617	3.34	1.7	<0.5	2.3	204	<0.1	<0.1	<0.1	94	2.88	0.150
1116835	Drill Core	7.01	0.8	40.3	2.3	59	<0.1	35.9	17.7	677	3.57	1.8	<0.5	2.7	88	<0.1	<0.1	<0.1	107	2.65	0.156
1116836	Drill Core	3.83	0.9	33.4	1.9	49	<0.1	34.7	16.3	744	3.52	1.7	<0.5	2.5	100	<0.1	0.1	<0.1	110	3.42	0.142
1116837	Drill Core	5.99	0.7	20.3	10.6	90	<0.1	32.5	15.2	830	3.39	2.6	0.6	2.3	73	0.2	0.4	<0.1	60	3.44	0.158
1116838	Drill Core	5.40	0.6	41.6	3.1	73	<0.1	33.3	19.1	905	3.63	1.7	<0.5	1.3	136	<0.1	<0.1	<0.1	102	2.63	0.149
1116839	Drill Core	6.98	0.8	21.5	3.0	66	0.1	34.3	17.4	772	3.51	2.1	<0.5	1.4	169	<0.1	<0.1	<0.1	103	2.76	0.149
1116840	Rock Pulp	0.10	2.4	17.6	1.4	28	0.4	14.9	6.6	269	1.59	3.7	<0.5	0.8	29	<0.1	0.3	<0.1	39	0.63	0.040
1116841	Drill Core	7.86	0.7	31.8	2.6	62	<0.1	32.1	16.6	766	3.33	2.1	<0.5	1.3	477	<0.1	<0.1	<0.1	100	3.37	0.129
1116842	Drill Core	6.89	0.5	32.8	3.9	67	<0.1	31.2	16.8	853	3.42	2.2	0.6	1.2	361	<0.1	<0.1	<0.1	95	3.85	0.132
1116843	Drill Core	5.09	1.6	21.0	0.5	96	<0.1	66.9	26.7	826	5.03	1.3	<0.5	1.6	103	<0.1	<0.1	0.1	88	1.10	0.212
1116844	Drill Core	8.85	1.8	20.8	0.3	115	<0.1	64.8	29.2	856	5.74	1.4	<0.5	1.5	109	<0.1	0.1	<0.1	117	1.12	0.220
1116845	Drill Core	5.54	2.2	23.2	0.3	113	<0.1	66.0	29.4	910	5.99	1.1	*	1.4	86	<0.1	<0.1	<0.1	110	1.01	0.207
1116846	Drill Core	4.18	1.8	19.2	0.3	104	<0.1	63.2	27.4	807	5.46	1.4	<0.5	1.8	111	<0.1	<0.1	<0.1	102	1.16	0.241
1116847	Drill Core	4.38	2.1	21.7	0.3	114	<0.1	69.7	30.1	994	5.77	1.2	<0.5	2.1	106	<0.1	<0.1	<0.1	107	1.12	0.227
1116848	Drill Core	6.00	1.7	20.6	0.2	98	<0.1	63.7	27.7	900	5.71	1.8	<0.5	1.7	120	<0.1	<0.1	<0.1	104	1.16	0.243
1116849	Drill Core	6.58	0.4	9.7	0.8	30	<0.1	3.4	3.2	167	1.37	1.2	<0.5	10.4	20	<0.1	<0.1	<0.1	27	0.17	0.040
1116850	Rock Pulp	0.09	7.0	190.3	340.2	613	5.6	48.7	12.7	662	4.17	1981	1084	1.6	68	4.2	68.9	2.6	39	1.48	0.054
1116851	Drill Core	6.75	0.5	13.8	2.6	26	<0.1	3.4	3.1	150	1.34	1.8	<0.5	9.3	22	<0.1	<0.1	<0.1	27	0.20	0.038
1116852	Drill Core	8.82	1.2	10.0	1.1	64	<0.1	2.7	2.8	149	1.36	2.2	<0.5	8.7	29	<0.1	1.6	<0.1	26	0.20	0.037
1116853	Drill Core	4.42	0.5	11.4	0.9	29	<0.1	2.9	2.9	156	1.30	1.4	<0.5	9.5	39	<0.1	<0.1	<0.1	27	0.20	0.035
1116854	Drill Core	10.74	0.4	12.7	0.9	28	<0.1	3.0	3.0	169	1.28	1.6	<0.5	9.8	41	<0.1	<0.1	<0.1	26	0.25	0.035
1116855	Drill Core	7.93	0.5	23.8	1.2	27	<0.1	2.8	3.3	161	1.32	0.9	<0.5	9.2	36	<0.1	<0.1	<0.1	27	0.16	0.036
1116856	Drill Core	6.34	0.4	11.2	0.8	26	<0.1	2.9	2.8	155	1.29	1.1	<0.5	9.2	25	<0.1	<0.1	<0.1	27	0.17	0.038
1116857	Drill Core	8.37	0.3	11.8	0.6	29	<0.1	3.0	3.2	162	1.39	1.0	<0.5	9.2	16	<0.1	<0.1	<0.1	30	0.15	0.037
1116858	Drill Core	7.89	0.3	9.6	1.2	25	<0.1	2.4	2.6	125	1.22	1.2	<0.5	9.7	22	<0.1	<0.1	<0.1	24	0.14	0.035
1116859	Drill Core	8.54	0.2	23.0	0.8	23	<0.1	2.1	2.5	121	1.14	1.1	<0.5	7.8	20	<0.1	<0.1	<0.1	23	0.14	0.031
1116860	Rock Pulp	0.10	2.5	17.7	1.6	30	0.4	15.6	6.5	289	1.74	3.9	<0.5	0.9	32	0.2	0.3	<0.1	42	0.66	0.046
1116861	Drill Core	8.27	0.3	14.2	0.9	25	<0.1	2.3	2.6	146	1.21	1.3	<0.5	9.5	31	<0.1	<0.1	<0.1	24	0.24	0.033
1116862	Drill Core	7.26	0.3	18.7	1.1	25	<0.1	2.9	2.8	169	1.25	1.6	<0.5	11.3	66	<0.1	<0.1	<0.1	25	0.28	0.036

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Project: Auro
Report Date: July 12, 2011

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CERTIFICATE OF ANALYSIS

SMI11000121.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
1116833	Drill Core	17	59	1.25	79	0.095	<1	1.90	0.074	0.06	<0.1	<0.01	5.6	<0.1	<0.05	5	<0.5	<0.2
1116834	Drill Core	16	74	1.48	109	0.071	<1	2.41	0.045	0.05	<0.1	<0.01	5.3	<0.1	<0.05	6	<0.5	<0.2
1116835	Drill Core	18	69	1.59	67	0.148	<1	2.11	0.062	0.04	<0.1	<0.01	6.4	<0.1	<0.05	7	<0.5	<0.2
1116836	Drill Core	17	67	1.58	95	0.157	<1	2.10	0.071	0.04	<0.1	0.02	5.8	<0.1	<0.05	6	<0.5	<0.2
1116837	Drill Core	17	64	0.63	59	0.013	1	1.64	0.034	0.17	<0.1	<0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1116838	Drill Core	16	84	1.30	52	0.017	<1	2.24	0.055	0.04	<0.1	<0.01	6.0	<0.1	<0.05	7	<0.5	<0.2
1116839	Drill Core	14	79	1.47	463	0.039	<1	2.42	0.058	0.04	<0.1	<0.01	6.3	<0.1	<0.05	7	<0.5	<0.2
1116840	Rock Pulp	4	19	0.40	67	0.091	<1	0.94	0.053	0.07	12.8	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
1116841	Drill Core	14	70	1.50	326	0.097	<1	2.73	0.085	0.04	<0.1	<0.01	5.7	<0.1	<0.05	6	<0.5	<0.2
1116842	Drill Core	18	75	1.56	198	0.032	<1	3.00	0.060	0.05	<0.1	<0.01	5.8	<0.1	<0.05	8	<0.5	<0.2
1116843	Drill Core	24	61	2.19	52	0.267	<1	1.23	0.313	0.08	<0.1	<0.01	0.7	<0.1	<0.05	7	<0.5	<0.2
1116844	Drill Core	24	93	2.43	63	0.602	<1	1.53	0.291	0.06	<0.1	<0.01	0.7	<0.1	<0.05	8	<0.5	<0.2
1116845	Drill Core	24	86	2.73	29	0.628	<1	1.46	0.405	0.05	<0.1	<0.01	0.5	<0.1	<0.05	8	<0.5	<0.2
1116846	Drill Core	27	80	2.27	25	0.491	<1	1.45	0.246	0.07	<0.1	<0.01	1.1	<0.1	<0.05	7	<0.5	<0.2
1116847	Drill Core	24	92	2.52	52	0.588	1	1.49	0.300	0.07	<0.1	<0.01	0.8	<0.1	<0.05	8	<0.5	<0.2
1116848	Drill Core	25	90	2.60	36	0.353	<1	1.91	0.185	0.06	<0.1	<0.01	1.0	<0.1	<0.05	9	<0.5	<0.2
1116849	Drill Core	15	8	0.34	136	0.096	<1	0.62	0.111	0.34	0.1	<0.01	1.7	0.2	<0.05	3	<0.5	<0.2
1116850	Rock Pulp	7	50	0.84	275	0.055	3	1.07	0.058	0.15	2.5	0.72	3.9	0.3	1.09	4	<0.5	0.6
1116851	Drill Core	14	7	0.34	105	0.091	<1	0.59	0.068	0.31	0.3	<0.01	1.7	0.2	<0.05	3	<0.5	<0.2
1116852	Drill Core	14	8	0.30	110	0.094	<1	0.66	0.087	0.31	0.4	<0.01	1.5	0.2	<0.05	3	<0.5	<0.2
1116853	Drill Core	13	7	0.33	115	0.088	<1	0.63	0.072	0.32	0.3	<0.01	1.8	0.2	<0.05	3	<0.5	<0.2
1116854	Drill Core	15	8	0.31	123	0.090	<1	0.69	0.085	0.33	0.8	<0.01	1.6	0.2	<0.05	3	<0.5	<0.2
1116855	Drill Core	14	8	0.33	114	0.094	<1	0.49	0.073	0.31	1.1	<0.01	1.6	0.2	<0.05	3	<0.5	<0.2
1116856	Drill Core	14	7	0.33	121	0.092	<1	0.62	0.100	0.34	<0.1	<0.01	1.6	0.2	<0.05	3	<0.5	<0.2
1116857	Drill Core	14	8	0.36	114	0.094	<1	0.56	0.077	0.32	0.5	0.01	1.7	0.2	<0.05	3	<0.5	<0.2
1116858	Drill Core	14	7	0.28	105	0.076	<1	0.54	0.105	0.31	<0.1	<0.01	1.5	0.1	<0.05	3	<0.5	<0.2
1116859	Drill Core	13	6	0.28	89	0.065	<1	0.45	0.066	0.25	0.2	<0.01	1.3	0.1	<0.05	3	<0.5	<0.2
1116860	Rock Pulp	4	23	0.45	76	0.090	2	1.02	0.059	0.07	13.3	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
1116861	Drill Core	15	7	0.29	108	0.071	<1	0.70	0.095	0.30	0.2	<0.01	1.5	0.2	<0.05	3	<0.5	<0.2
1116862	Drill Core	15	7	0.32	109	0.073	<1	0.74	0.065	0.28	4.5	<0.01	1.5	0.2	<0.05	3	<0.5	<0.2

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Project: Auro
 Report Date: July 12, 2011

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CERTIFICATE OF ANALYSIS

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Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1116863	Drill Core	8.03	0.6	29.3	1.0	22	<0.1	2.8	2.8	141	1.31	1.5	<0.5	9.9	18	<0.1	<0.1	<0.1	26	0.21	0.035
1116864	Drill Core	7.54	0.9	87.8	1.9	23	<0.1	2.3	2.6	222	1.15	1.5	<0.5	7.3	18	<0.1	0.3	0.2	24	0.29	0.034
1116865	Drill Core	8.43	0.9	41.2	4.3	22	<0.1	3.4	3.2	181	1.38	1.5	<0.5	10.1	44	<0.1	<0.1	<0.1	28	0.36	0.041
1116866	Drill Core	7.80	4.4	19.0	5.6	28	<0.1	3.7	3.4	162	1.34	0.7	<0.5	12.3	24	<0.1	<0.1	<0.1	30	0.28	0.038
1116867	Drill Core	7.59	0.4	58.4	1.2	23	<0.1	3.9	3.2	154	1.30	0.6	0.6	12.2	33	<0.1	0.1	<0.1	28	0.43	0.039
1116868	Drill Core	7.48	0.6	54.7	1.8	33	<0.1	6.8	4.5	221	1.94	0.9	<0.5	11.1	269	<0.1	0.5	<0.1	46	0.83	0.059
1116869	Drill Core	7.45	0.4	64.7	0.9	26	<0.1	8.3	5.6	227	1.99	0.6	<0.5	10.5	50	<0.1	<0.1	<0.1	47	0.41	0.061
1116870	Rock Pulp	0.09	8.6	223.0	396.5	705	6.7	56.2	14.8	741	4.79	2231	1337	1.7	69	4.8	76.9	2.8	47	1.68	0.058
1116871	Drill Core	9.30	0.3	11.0	0.9	31	<0.1	7.7	4.5	257	1.90	1.0	0.8	13.6	23	<0.1	<0.1	<0.1	45	0.41	0.059
1116872	Drill Core	5.47	0.3	110.3	1.0	31	0.2	8.0	4.5	238	1.94	0.7	<0.5	11.7	25	<0.1	<0.1	<0.1	46	0.33	0.064
1116873	Drill Core	5.71	0.3	12.4	0.9	29	<0.1	7.6	4.5	234	1.86	0.6	0.5	9.8	33	<0.1	<0.1	<0.1	45	0.32	0.061
1116874	Drill Core	9.23	0.3	6.6	1.0	29	<0.1	7.3	4.5	242	1.89	0.6	<0.5	9.2	37	<0.1	<0.1	<0.1	46	0.38	0.063
1116875	Drill Core	10.09	0.5	93.6	7.3	33	0.2	7.8	4.1	241	1.83	1.7	<0.5	9.4	44	<0.1	0.4	0.2	42	0.65	0.063
1116876	Drill Core	5.39	0.9	90.0	33.4	52	0.3	6.7	4.1	136	1.52	3.8	2.0	9.6	60	0.7	0.7	0.5	29	0.47	0.058
1116877	Drill Core	6.90	3.6	76.7	128.5	132	0.7	7.4	3.9	161	1.73	5.2	2.9	10.2	82	1.5	1.3	1.0	33	0.54	0.059
1116878	Drill Core	8.91	0.6	41.4	3.1	29	0.1	7.2	5.5	232	1.87	0.8	<0.5	9.9	41	<0.1	0.2	0.1	45	0.44	0.062
1116879	Drill Core	0.36	0.6	3.2	1.7	41	<0.1	7.1	5.1	234	1.82	0.9	<0.5	11.6	48	<0.1	0.6	<0.1	46	0.30	0.059
1116895	Drill Core	8.59	0.4	52.3	19.8	84	0.4	8.2	5.4	234	1.85	1.6	<0.5	9.1	55	0.6	0.1	0.2	45	1.28	0.068
1116897	Drill Core	7.36	0.6	68.1	7.3	31	0.1	7.9	5.1	209	1.77	1.0	<0.5	8.7	32	0.1	0.1	<0.1	44	0.61	0.065
1116898	Drill Core	8.79	3.7	101.1	5.4	29	0.2	7.9	4.8	198	1.76	0.7	0.7	9.2	35	<0.1	<0.1	0.2	46	0.64	0.066
1116896	Drill Core	7.86	0.5	74.1	6.3	32	0.2	7.5	5.0	195	1.74	0.9	<0.5	8.6	35	<0.1	<0.1	0.2	44	0.67	0.066



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Project: Auro
 Report Date: July 12, 2011

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CERTIFICATE OF ANALYSIS

SMI11000121.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1116863	Drill Core	12	8	0.34	112	0.083	<1	0.62	0.078	0.30	0.2	<0.01	1.5	0.2	<0.05	3	<0.5	<0.2
1116864	Drill Core	12	6	0.31	79	0.068	<1	0.66	0.050	0.22	1.1	<0.01	1.3	0.1	0.07	3	<0.5	<0.2
1116865	Drill Core	14	9	0.35	115	0.095	<1	0.88	0.074	0.31	0.7	<0.01	1.8	0.2	<0.05	4	<0.5	<0.2
1116866	Drill Core	16	8	0.35	118	0.094	<1	0.67	0.077	0.34	0.2	<0.01	1.8	0.2	<0.05	3	<0.5	<0.2
1116867	Drill Core	14	8	0.37	109	0.087	<1	0.66	0.062	0.29	1.9	0.01	1.6	0.2	<0.05	3	<0.5	<0.2
1116868	Drill Core	10	18	0.58	250	0.133	<1	1.02	0.075	0.46	0.6	<0.01	1.8	0.3	0.09	5	<0.5	<0.2
1116869	Drill Core	9	19	0.57	182	0.141	<1	0.79	0.064	0.48	1.1	<0.01	1.7	0.3	0.08	4	<0.5	<0.2
1116870	Rock Pulp	8	61	0.97	319	0.060	3	1.14	0.065	0.16	2.8	0.90	4.3	0.2	1.27	4	1.0	0.4
1116871	Drill Core	12	19	0.54	184	0.147	<1	0.76	0.083	0.45	1.5	<0.01	1.5	0.2	<0.05	4	<0.5	<0.2
1116872	Drill Core	11	18	0.57	176	0.153	<1	0.75	0.077	0.42	8.5	0.01	1.4	0.2	<0.05	4	<0.5	<0.2
1116873	Drill Core	11	19	0.52	201	0.158	<1	0.73	0.103	0.48	0.9	<0.01	1.4	0.2	<0.05	4	<0.5	<0.2
1116874	Drill Core	10	19	0.53	188	0.145	<1	0.70	0.068	0.46	0.3	<0.01	1.4	0.2	<0.05	4	<0.5	<0.2
1116875	Drill Core	12	18	0.50	157	0.116	<1	0.71	0.066	0.40	3.5	0.02	1.7	0.2	0.14	4	<0.5	<0.2
1116876	Drill Core	13	12	0.30	110	0.053	<1	0.72	0.037	0.29	0.4	0.18	1.8	0.3	0.15	3	<0.5	<0.2
1116877	Drill Core	14	14	0.32	124	0.057	1	0.77	0.041	0.31	0.6	0.29	2.0	0.3	0.14	3	<0.5	<0.2
1116878	Drill Core	10	19	0.53	166	0.137	<1	0.77	0.075	0.41	5.6	<0.01	1.3	0.2	0.13	4	<0.5	<0.2
1116879	Drill Core	10	18	0.48	186	0.142	<1	0.64	0.073	0.41	0.1	<0.01	1.1	0.2	<0.05	4	<0.5	<0.2
1116895	Drill Core	12	19	0.52	135	0.105	<1	1.08	0.074	0.30	0.9	0.02	1.4	0.2	<0.05	4	<0.5	<0.2
1116897	Drill Core	11	18	0.49	149	0.138	<1	0.74	0.080	0.35	0.3	<0.01	1.2	0.1	0.07	4	<0.5	<0.2
1116898	Drill Core	11	19	0.52	134	0.128	<1	0.71	0.076	0.32	1.1	<0.01	1.3	0.2	0.12	4	<0.5	<0.2
1116896	Drill Core	11	18	0.48	147	0.130	<1	0.70	0.066	0.35	0.6	0.01	1.1	0.2	0.08	4	<0.5	<0.2



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Project: Auro
Report Date: July 12, 2011

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QUALITY CONTROL REPORT

SMI11000121.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
1116849	Drill Core	6.58	0.4	9.7	0.8	30	<0.1	3.4	3.2	167	1.37	1.2	<0.5	10.4	20	<0.1	<0.1	<0.1	27	0.17	0.040
REP 1116849	QC		0.4	9.5	0.8	30	<0.1	4.0	3.4	170	1.39	1.4	<0.5	10.1	21	<0.1	<0.1	<0.1	27	0.17	0.039
REP 1116896	QC		0.4	71.9	5.9	30	0.2	7.1	4.7	192	1.69	0.9	0.6	8.7	34	<0.1	<0.1	0.2	43	0.65	0.065
Core Reject Duplicates																					
1116848	Drill Core	6.00	1.7	20.6	0.2	98	<0.1	63.7	27.7	900	5.71	1.8	<0.5	1.7	120	<0.1	<0.1	<0.1	104	1.16	0.243
DUP 1116848	QC		1.8	20.0	0.2	92	<0.1	64.4	27.7	881	5.76	1.6	<0.5	1.7	121	<0.1	<0.1	<0.1	106	1.15	0.242
1116896	Drill Core	7.86	0.5	74.1	6.3	32	0.2	7.5	5.0	195	1.74	0.9	<0.5	8.6	35	<0.1	<0.1	0.2	44	0.67	0.066
DUP 1116896	QC		0.5	68.1	5.8	31	0.2	7.4	4.7	191	1.71	0.9	<0.5	9.0	36	<0.1	0.1	0.2	43	0.65	0.063
Reference Materials																					
STD DS8	Standard		12.6	112.1	130.3	326	2.0	39.0	7.6	599	2.53	26.4	110.2	6.2	61	2.4	5.6	6.6	46	0.71	0.079
STD DS8	Standard		13.0	117.7	131.7	336	1.9	39.5	7.9	624	2.58	27.7	123.9	6.6	62	2.4	6.0	6.8	45	0.72	0.082
STD DS8	Standard		11.5	99.9	117.3	286	1.4	33.8	6.5	545	2.18	23.3	87.4	6.1	63	2.0	4.8	5.7	35	0.61	0.067
STD DS8	Standard		11.9	98.0	116.8	281	1.5	32.7	6.3	548	2.22	23.5	90.9	6.3	69	2.0	5.1	5.8	36	0.63	0.070
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	0.4	2.0	3.2	49	<0.1	3.4	3.8	574	1.88	3.9	1.0	5.4	84	<0.1	0.2	0.1	35	0.50	0.069
G1	Prep Blank	<0.01	1.7	3.9	3.0	57	<0.1	3.1	3.8	522	1.81	3.4	1.7	4.6	60	<0.1	0.8	<0.1	34	0.44	0.075



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QUALITY CONTROL REPORT

SMI11000121.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1116849	Drill Core	15	8	0.34	136	0.096	<1	0.62	0.111	0.34	0.1	<0.01	1.7	0.2	<0.05	3	<0.5	<0.2
REP 1116849	QC	16	9	0.34	134	0.098	<1	0.63	0.109	0.36	0.1	<0.01	1.6	0.2	<0.05	3	<0.5	<0.2
REP 1116896	QC	11	17	0.47	136	0.126	<1	0.68	0.064	0.34	0.7	0.01	1.1	0.2	0.08	4	<0.5	<0.2
Core Reject Duplicates																		
1116848	Drill Core	25	90	2.60	36	0.353	<1	1.91	0.185	0.06	<0.1	<0.01	1.0	<0.1	<0.05	9	<0.5	<0.2
DUP 1116848	QC	25	90	2.60	33	0.354	<1	1.93	0.189	0.06	<0.1	<0.01	0.9	<0.1	<0.05	8	<0.5	<0.2
1116896	Drill Core	11	18	0.48	147	0.130	<1	0.70	0.066	0.35	0.6	0.01	1.1	0.2	0.08	4	<0.5	<0.2
DUP 1116896	QC	11	18	0.47	147	0.130	<1	0.72	0.077	0.35	0.6	<0.01	1.1	0.2	0.07	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	13	118	0.63	276	0.109	3	0.84	0.084	0.42	3.0	0.20	2.0	5.4	0.18	5	5.3	4.6
STD DS8	Standard	14	124	0.64	289	0.113	3	0.90	0.086	0.44	3.2	0.20	1.9	5.5	0.17	5	5.2	4.6
STD DS8	Standard	13	99	0.53	238	0.099	2	0.83	0.078	0.37	2.6	0.16	1.7	4.9	0.14	4	4.3	4.4
STD DS8	Standard	14	102	0.54	258	0.102	2	0.84	0.079	0.39	2.7	0.17	1.8	4.7	0.14	4	4.3	4.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank	12	7	0.51	195	0.110	1	1.07	0.106	0.46	<0.1	<0.01	1.7	0.3	<0.05	6	<0.5	<0.2
G1	Prep Blank	8	7	0.52	200	0.112	<1	0.94	0.074	0.46	<0.1	<0.01	1.6	0.3	<0.05	5	<0.5	<0.2



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Submitted By: Bob Krause
Receiving Lab: Canada-Smithers
Received: July 05, 2011
Report Date: July 28, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000135.1

CLIENT JOB INFORMATION

Project: Auro
Shipment ID: shipment 6
P.O. Number
Number of Samples: 101

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Contains two rows of analytical data.

SAMPLE DISPOSAL

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

ADDITIONAL COMMENTS

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

Invoice To: Gold Reach Resources
888 - 700 West Georgia Street
Vancouver BC V7Y 1G5
Canada

CC: Jim Cuttle
Shane Ebert



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Auro
 Report Date: July 28, 2011

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CERTIFICATE OF ANALYSIS

SMI11000135.1

Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1116933	Drill Core	8.64	4.2	179.6	4.7	31	0.4	3.9	2.9	126	1.29	1.3	<0.5	13.5	36	<0.1	0.2	6.4	27	0.18	0.042
1116934	Drill Core	2.04	1.0	251.1	1.2	44	0.4	7.0	6.0	179	1.52	0.6	<0.5	12.5	21	0.2	<0.1	0.7	31	0.24	0.049
1116935	Drill Core	7.29	4.6	150.8	1.3	25	0.2	6.7	6.3	182	1.63	0.7	<0.5	10.5	25	<0.1	<0.1	0.6	38	0.29	0.048
1116936	Drill Core	8.02	5.5	160.5	1.6	24	0.2	6.2	4.9	172	1.54	0.5	<0.5	10.1	39	<0.1	<0.1	0.9	35	0.32	0.050
1116937	Drill Core	8.33	6.0	107.5	1.2	44	0.1	5.9	5.1	196	1.57	<0.5	<0.5	8.7	53	0.2	<0.1	0.3	36	0.35	0.046
1116938	Drill Core	8.19	1.3	107.0	1.2	31	0.1	6.6	5.0	215	1.62	0.8	<0.5	9.3	28	<0.1	0.2	0.3	38	0.41	0.052
1116939	Drill Core	8.86	13.8	188.4	2.5	29	0.2	7.5	7.0	240	1.85	0.7	<0.5	10.5	28	<0.1	<0.1	1.7	40	0.51	0.056
1116940	Rock Pulp	0.02	2.4	17.2	2.2	29	0.4	16.6	6.6	265	1.65	2.5	<0.5	0.7	30	0.2	0.3	<0.1	41	0.65	0.039
1116941	Drill Core	8.11	12.6	200.8	3.3	32	0.3	6.3	5.4	216	1.56	0.8	<0.5	11.5	42	<0.1	<0.1	3.4	30	0.61	0.050
1116942	Drill Core	12.34	0.6	138.7	2.6	36	0.2	6.2	4.8	203	1.54	0.9	<0.5	9.8	27	0.2	<0.1	2.8	32	0.46	0.050
1116943	Drill Core	4.46	5.7	112.0	1.8	28	0.2	7.0	5.2	241	1.58	1.2	<0.5	10.4	25	<0.1	<0.1	0.8	37	0.42	0.051
1116944	Drill Core	10.24	1.9	93.4	1.2	29	<0.1	7.2	5.2	248	1.66	1.8	<0.5	10.3	22	<0.1	<0.1	0.3	39	0.36	0.053
1116945	Drill Core	6.50	0.9	203.8	2.4	37	0.3	7.5	5.2	261	1.66	<0.5	<0.5	10.6	20	<0.1	<0.1	1.3	40	0.35	0.057
1116946	Drill Core	8.31	0.6	129.9	1.7	35	0.2	6.8	4.6	240	1.58	2.0	<0.5	8.5	28	<0.1	<0.1	0.7	35	0.48	0.049
1116947	Drill Core	8.44	1.5	96.0	1.2	49	0.1	7.6	5.3	262	1.76	0.7	<0.5	11.2	37	<0.1	0.9	0.4	40	0.40	0.056
1116948	Drill Core	8.93	2.2	193.7	1.1	34	0.3	6.9	5.6	246	1.59	0.7	1.7	8.9	29	<0.1	<0.1	0.8	37	0.39	0.053
1116949	Drill Core	7.58	1.0	116.7	2.0	32	0.2	7.0	5.2	252	1.67	1.6	<0.5	10.8	36	<0.1	0.1	1.1	38	0.45	0.056
1116950	Rock Pulp	0.02	7.2	170.9	358.5	607	5.9	46.2	12.4	668	4.27	1955	1119	1.6	69	3.6	65.9	2.2	42	1.43	0.051
1116951	Drill Core	7.76	1.8	137.3	1.5	48	0.2	7.1	5.3	279	1.80	1.4	0.6	9.4	29	0.1	<0.1	0.3	43	0.42	0.056
1116952	Drill Core	9.46	4.3	101.3	1.3	29	<0.1	7.2	5.9	246	1.64	0.8	<0.5	10.1	19	<0.1	<0.1	<0.1	41	0.29	0.056
1116953	Drill Core	8.33	2.3	106.5	1.1	30	0.1	6.4	5.4	272	1.66	0.6	<0.5	8.7	20	<0.1	<0.1	<0.1	41	0.31	0.055
1116954	Drill Core	8.41	3.0	37.0	1.1	29	<0.1	7.0	5.4	254	1.83	0.8	<0.5	9.4	21	<0.1	0.1	0.2	40	0.39	0.055
1116955	Drill Core	8.54	0.8	43.9	1.2	27	<0.1	6.8	4.9	239	1.66	0.8	0.6	11.8	21	<0.1	<0.1	0.6	39	0.34	0.056
1116956	Drill Core	8.60	0.4	60.2	1.3	33	0.1	6.8	5.0	258	1.75	0.7	<0.5	11.0	18	<0.1	<0.1	0.5	40	0.37	0.061
1116957	Drill Core	8.13	0.7	66.1	1.4	32	0.1	7.3	5.5	256	1.75	0.9	<0.5	9.3	21	<0.1	<0.1	0.6	42	0.35	0.057
1116958	Drill Core	9.08	0.7	43.2	1.4	31	<0.1	7.2	5.2	261	1.72	0.7	<0.5	9.6	21	<0.1	<0.1	1.2	43	0.40	0.060
1116959	Drill Core	8.83	0.4	24.8	1.8	32	<0.1	6.5	5.1	253	1.64	2.0	<0.5	9.3	23	<0.1	<0.1	0.2	38	0.43	0.052
1116960	Rock Pulp	0.02	2.4	16.6	2.2	27	0.4	15.0	6.1	259	1.61	2.7	<0.5	0.9	32	0.2	0.3	<0.1	40	0.66	0.039
1116961	Drill Core	8.29	1.9	156.6	9.9	70	0.4	7.1	6.3	341	1.69	19.7	<0.5	6.5	94	0.2	0.3	4.0	35	1.67	0.069
1116962	Drill Core	4.19	0.4	137.5	2.1	38	0.2	7.6	5.9	274	1.70	2.3	<0.5	11.4	28	<0.1	0.1	1.3	38	0.66	0.059

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Project: Auro
 Report Date: July 28, 2011

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CERTIFICATE OF ANALYSIS

SMI11000135.1

Method Analyte	1DX15																	
	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1116933	Drill Core	11	14	0.35	103	0.068	<1	0.61	0.038	0.29	10.0	<0.01	1.5	0.2	0.08	3	<0.5	0.3
1116934	Drill Core	10	14	0.52	142	0.119	<1	0.68	0.052	0.41	0.4	<0.01	2.0	0.3	0.30	4	<0.5	<0.2
1116935	Drill Core	9	15	0.53	142	0.144	<1	0.69	0.060	0.46	0.3	<0.01	2.3	0.3	0.30	4	<0.5	<0.2
1116936	Drill Core	8	19	0.51	129	0.131	<1	0.66	0.054	0.39	0.6	<0.01	2.1	0.2	0.33	4	<0.5	<0.2
1116937	Drill Core	9	15	0.51	138	0.129	<1	0.69	0.060	0.41	1.1	<0.01	2.1	0.2	0.15	4	<0.5	<0.2
1116938	Drill Core	10	19	0.54	137	0.136	<1	0.71	0.051	0.44	0.5	<0.01	2.3	0.2	0.17	4	<0.5	<0.2
1116939	Drill Core	11	16	0.60	143	0.136	<1	0.78	0.059	0.44	3.2	<0.01	2.2	0.3	0.35	4	<0.5	<0.2
1116940	Rock Pulp	4	20	0.42	67	0.104	2	0.97	0.055	0.06	12.3	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1116941	Drill Core	12	17	0.45	105	0.074	<1	0.63	0.044	0.29	13.5	<0.01	1.6	0.2	0.49	3	<0.5	0.2
1116942	Drill Core	10	13	0.48	121	0.106	<1	0.64	0.051	0.37	5.2	<0.01	1.7	0.2	0.28	3	<0.5	0.2
1116943	Drill Core	10	19	0.51	142	0.126	<1	0.66	0.051	0.39	0.4	0.01	1.9	0.2	0.11	4	<0.5	<0.2
1116944	Drill Core	11	16	0.53	150	0.147	<1	0.68	0.066	0.45	0.2	<0.01	1.9	0.2	0.10	4	<0.5	<0.2
1116945	Drill Core	10	21	0.55	152	0.168	<1	0.68	0.061	0.48	0.5	<0.01	2.2	0.3	0.22	4	<0.5	0.2
1116946	Drill Core	10	15	0.52	135	0.128	<1	0.69	0.057	0.42	0.6	<0.01	1.9	0.3	0.26	4	<0.5	<0.2
1116947	Drill Core	12	23	0.56	139	0.150	<1	0.69	0.062	0.44	0.5	<0.01	2.0	0.2	0.17	4	<0.5	<0.2
1116948	Drill Core	11	15	0.55	143	0.140	<1	0.70	0.060	0.45	0.2	<0.01	2.3	0.3	0.23	4	<0.5	<0.2
1116949	Drill Core	12	20	0.53	139	0.129	<1	0.73	0.054	0.41	0.3	<0.01	1.8	0.2	0.22	4	<0.5	<0.2
1116950	Rock Pulp	7	53	0.86	278	0.064	<1	1.07	0.058	0.14	2.4	0.80	3.7	0.2	1.09	4	<0.5	0.4
1116951	Drill Core	13	18	0.55	142	0.159	<1	0.75	0.073	0.45	0.2	<0.01	1.7	0.2	0.11	4	<0.5	<0.2
1116952	Drill Core	13	22	0.53	148	0.165	<1	0.65	0.069	0.46	0.1	<0.01	1.8	0.3	0.08	4	<0.5	<0.2
1116953	Drill Core	13	16	0.57	145	0.156	<1	0.71	0.067	0.49	0.1	<0.01	2.1	0.3	<0.05	4	<0.5	<0.2
1116954	Drill Core	12	21	0.56	136	0.138	<1	0.70	0.051	0.42	0.2	<0.01	1.8	0.2	0.33	4	<0.5	<0.2
1116955	Drill Core	12	16	0.47	150	0.143	<1	0.61	0.065	0.35	0.4	<0.01	1.2	0.2	0.13	4	<0.5	<0.2
1116956	Drill Core	13	22	0.50	154	0.153	<1	0.64	0.065	0.42	0.4	<0.01	1.3	0.2	0.18	4	<0.5	<0.2
1116957	Drill Core	12	18	0.53	147	0.148	<1	0.68	0.067	0.41	0.2	<0.01	1.6	0.2	0.16	4	<0.5	<0.2
1116958	Drill Core	12	25	0.53	144	0.158	<1	0.67	0.063	0.42	0.2	<0.01	1.5	0.2	0.10	4	<0.5	<0.2
1116959	Drill Core	11	16	0.49	127	0.127	<1	0.73	0.064	0.36	0.3	<0.01	1.7	0.2	0.18	4	<0.5	<0.2
1116960	Rock Pulp	4	20	0.42	71	0.110	3	0.96	0.055	0.07	12.5	<0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
1116961	Drill Core	15	14	0.72	176	0.063	<1	1.58	0.030	0.38	0.2	<0.01	1.8	0.2	0.51	6	<0.5	<0.2
1116962	Drill Core	13	16	0.60	95	0.116	<1	0.99	0.044	0.38	0.2	<0.01	1.8	0.2	0.29	5	<0.5	0.2

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Project: Auro
 Report Date: July 28, 2011

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CERTIFICATE OF ANALYSIS

SMI11000135.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1116963	Drill Core	6.42	1.1	52.9	1.5	36	0.1	6.3	4.9	264	1.65	1.5	<0.5	11.2	24	<0.1	0.1	0.2	39	0.67	0.057
1116964	Drill Core	7.45	0.4	70.1	2.1	37	0.1	7.6	5.6	306	1.67	4.4	<0.5	11.0	58	<0.1	0.2	1.0	39	0.92	0.056
1116965	Drill Core	7.22	0.8	151.8	5.1	36	0.3	5.8	5.6	236	1.56	3.3	<0.5	7.4	83	<0.1	0.3	12.3	33	1.07	0.086
1116966	Drill Core	6.24	0.7	119.2	2.0	31	0.2	7.8	6.3	224	1.78	1.3	0.5	13.3	28	<0.1	0.2	3.1	38	0.44	0.060
1116967	Drill Core	7.67	1.0	73.7	1.4	33	0.1	8.1	6.6	244	1.81	1.6	<0.5	12.6	30	<0.1	0.2	0.5	41	0.41	0.062
1116968	Drill Core	5.11	0.3	163.8	2.0	33	0.2	8.0	6.7	236	1.88	1.1	0.5	12.2	23	<0.1	0.1	2.8	39	0.63	0.057
1116969	Drill Core	10.75	3.4	157.5	1.9	34	0.2	8.3	6.6	235	1.88	1.6	<0.5	12.5	23	<0.1	0.2	5.5	42	0.40	0.063
1116970	Rock Pulp	0.02	7.9	211.4	408.4	680	6.2	55.5	13.5	736	4.73	2206	1396	1.8	73	5.0	79.3	2.9	43	1.63	0.058
1116971	Drill Core	6.86	2.3	304.0	2.3	34	0.4	8.4	7.1	228	2.01	3.1	1.6	11.3	30	<0.1	0.3	6.7	41	0.56	0.066
1116972	Drill Core	7.55	2.2	173.6	1.7	36	0.4	8.3	6.9	230	1.97	2.2	0.7	12.2	31	<0.1	0.3	3.6	41	0.60	0.065
1116973	Drill Core	6.79	3.2	135.3	1.7	34	0.2	7.7	6.8	218	1.85	1.8	<0.5	9.6	28	0.1	0.2	2.3	38	0.54	0.058
1116974	Drill Core	7.51	79.2	376.3	9.3	47	0.5	10.0	10.9	276	2.04	9.4	0.7	10.6	69	0.1	1.0	16.1	38	1.42	0.066
1116975	Drill Core	4.56	11.9	306.6	11.2	36	0.4	7.0	6.8	214	1.53	2.5	1.7	13.0	32	0.1	0.2	15.8	33	0.83	0.056
1116976	Drill Core	6.12	29.4	310.0	5.2	28	0.4	7.0	13.8	220	1.80	2.5	1.0	10.9	37	<0.1	0.2	6.8	30	1.27	0.058
1116977	Drill Core	9.78	76.1	253.5	3.8	38	0.3	8.4	6.9	248	1.93	0.7	0.6	11.4	35	<0.1	<0.1	4.6	42	0.58	0.062
1116978	Drill Core	7.14	2.1	437.7	3.1	36	0.5	7.7	6.1	272	1.72	3.7	<0.5	11.9	74	<0.1	0.1	3.1	36	1.11	0.057
1116979	Drill Core	6.69	0.8	205.0	1.9	32	0.3	7.8	5.9	247	1.78	3.9	<0.5	12.6	35	<0.1	0.1	1.4	39	0.62	0.061
1116980	Rock Pulp	0.02	2.8	20.3	2.5	32	0.4	16.5	7.7	287	1.76	3.1	0.7	0.8	31	0.4	0.4	<0.1	42	0.68	0.045
1116981	Drill Core	7.16	3.8	297.2	7.8	32	0.4	6.9	11.5	226	1.76	1.5	3.0	11.5	49	<0.1	0.1	11.5	36	0.67	0.057
1116982	Drill Core	7.08	3.2	174.9	1.7	36	0.2	8.8	6.7	260	1.89	2.3	0.7	11.0	68	<0.1	0.1	1.7	40	0.72	0.067
1116983	Drill Core	7.30	16.8	474.2	1.5	37	0.5	10.0	7.7	242	1.98	<0.5	3.9	8.3	64	<0.1	0.1	1.7	41	0.74	0.068
1116984	Drill Core	7.72	6.2	240.0	3.2	39	0.3	8.4	7.0	291	1.66	3.9	2.9	9.8	53	<0.1	0.2	2.2	30	1.26	0.060
1116985	Drill Core	11.27	30.9	240.0	5.5	46	0.3	10.9	8.0	358	1.94	6.9	<0.5	9.3	106	0.1	0.5	4.9	40	1.13	0.071
1116986	Drill Core	4.81	54.3	669.4	12.4	34	0.8	8.6	7.3	303	1.62	2.3	1.8	9.1	112	<0.1	0.3	35.0	31	1.39	0.065
1116987	Drill Core	6.91	61.1	636.6	6.2	33	0.6	8.8	6.8	260	1.68	1.2	<0.5	9.7	76	<0.1	0.2	11.3	37	1.04	0.067
1116988	Drill Core	7.82	52.7	449.2	2.6	36	0.5	9.8	7.1	223	1.65	1.4	<0.5	9.6	57	<0.1	0.2	3.6	39	0.76	0.063
1116989	Drill Core	7.02	68.4	131.1	4.2	38	0.2	9.6	7.2	249	1.75	2.0	<0.5	9.3	241	<0.1	0.2	4.6	41	0.80	0.065
1116990	Rock Pulp	0.02	7.8	196.9	347.8	614	5.9	49.1	13.1	681	4.48	2202	1190	1.4	62	4.3	76.6	2.5	37	1.39	0.052
1116991	Drill Core	5.41	18.2	224.2	4.0	36	0.4	9.2	7.6	227	1.84	1.9	<0.5	9.2	304	<0.1	0.2	5.3	39	0.55	0.063
1116992	Drill Core	6.24	10.0	509.1	5.4	30	0.5	6.7	6.5	214	1.55	3.2	1.0	11.1	196	0.1	0.3	10.5	25	1.34	0.051

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 Report Date: July 28, 2011

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CERTIFICATE OF ANALYSIS

SMI11000135.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
1116963	Drill Core	13	18	0.56	90	0.126	<1	0.96	0.057	0.36	0.2	<0.01	1.8	0.2	0.09	4	<0.5	<0.2
1116964	Drill Core	13	15	0.63	73	0.101	<1	1.32	0.063	0.32	0.2	0.01	1.8	0.2	0.15	6	<0.5	<0.2
1116965	Drill Core	10	14	0.57	128	0.088	<1	1.77	0.069	0.31	0.5	<0.01	1.8	0.2	0.36	6	<0.5	0.3
1116966	Drill Core	11	16	0.63	131	0.100	<1	1.08	0.041	0.38	0.3	<0.01	1.9	0.2	0.30	5	<0.5	<0.2
1116967	Drill Core	12	18	0.65	148	0.119	<1	1.02	0.043	0.45	0.3	<0.01	2.3	0.3	0.21	5	<0.5	<0.2
1116968	Drill Core	11	16	0.60	124	0.100	<1	0.89	0.046	0.39	0.3	<0.01	2.0	0.2	0.48	5	<0.5	0.5
1116969	Drill Core	12	20	0.66	138	0.125	<1	0.98	0.047	0.47	0.3	<0.01	2.2	0.3	0.35	5	<0.5	<0.2
1116970	Rock Pulp	8	56	0.97	324	0.060	5	1.16	0.063	0.15	2.6	0.96	4.3	0.2	1.22	4	1.2	0.7
1116971	Drill Core	11	17	0.66	134	0.114	<1	1.15	0.054	0.44	0.2	<0.01	2.3	0.3	0.53	5	<0.5	0.2
1116972	Drill Core	12	19	0.68	128	0.114	<1	1.21	0.052	0.46	0.3	<0.01	2.5	0.3	0.59	5	<0.5	<0.2
1116973	Drill Core	11	15	0.64	113	0.093	<1	0.98	0.040	0.41	0.3	<0.01	2.4	0.3	0.55	5	0.5	<0.2
1116974	Drill Core	13	23	0.66	88	0.055	<1	1.19	0.035	0.33	0.4	<0.01	2.3	0.4	1.27	6	1.1	0.8
1116975	Drill Core	12	13	0.61	98	0.065	<1	0.89	0.032	0.34	0.3	<0.01	2.0	0.2	0.63	4	<0.5	0.3
1116976	Drill Core	11	15	0.55	84	0.053	<1	0.82	0.029	0.33	0.4	<0.01	2.0	0.2	1.07	4	0.6	0.7
1116977	Drill Core	12	19	0.68	118	0.112	<1	0.94	0.047	0.45	1.3	<0.01	2.3	0.3	0.43	5	<0.5	<0.2
1116978	Drill Core	11	16	0.76	101	0.059	<1	1.30	0.028	0.39	0.2	<0.01	2.3	0.3	0.48	5	<0.5	<0.2
1116979	Drill Core	12	16	0.66	105	0.101	<1	0.91	0.041	0.45	0.7	<0.01	2.5	0.3	0.35	5	<0.5	<0.2
1116980	Rock Pulp	4	24	0.46	78	0.108	3	1.04	0.060	0.08	15.0	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
1116981	Drill Core	14	18	0.54	95	0.090	<1	0.86	0.051	0.41	0.5	<0.01	2.3	0.3	0.35	4	<0.5	<0.2
1116982	Drill Core	17	19	0.58	120	0.116	<1	0.96	0.066	0.53	0.6	<0.01	3.0	0.3	0.29	4	<0.5	<0.2
1116983	Drill Core	14	22	0.60	96	0.097	<1	0.91	0.043	0.41	0.9	<0.01	2.8	0.4	0.53	5	<0.5	0.2
1116984	Drill Core	17	12	0.44	79	0.073	<1	0.78	0.037	0.34	0.8	<0.01	2.1	0.3	0.58	4	<0.5	0.4
1116985	Drill Core	17	18	0.64	117	0.097	<1	1.69	0.073	0.39	1.1	<0.01	3.1	0.3	0.44	6	<0.5	<0.2
1116986	Drill Core	18	12	0.49	108	0.068	<1	1.14	0.042	0.33	2.0	<0.01	2.4	0.2	0.58	5	0.5	0.5
1116987	Drill Core	16	15	0.56	137	0.118	<1	1.07	0.051	0.44	0.9	<0.01	2.7	0.3	0.45	4	<0.5	0.3
1116988	Drill Core	15	15	0.59	155	0.137	<1	0.97	0.045	0.50	1.4	<0.01	3.0	0.3	0.31	4	<0.5	<0.2
1116989	Drill Core	15	18	0.61	177	0.132	<1	1.16	0.057	0.53	1.5	<0.01	2.8	0.3	0.23	4	<0.5	<0.2
1116990	Rock Pulp	6	53	0.85	277	0.060	2	1.02	0.059	0.13	2.2	0.79	3.4	0.2	1.17	3	0.7	0.5
1116991	Drill Core	14	16	0.57	152	0.115	<1	1.15	0.057	0.48	1.1	<0.01	2.7	0.3	0.37	4	<0.5	<0.2
1116992	Drill Core	15	11	0.39	79	0.053	<1	0.90	0.041	0.29	0.8	<0.01	2.0	0.2	0.59	3	<0.5	0.2



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CERTIFICATE OF ANALYSIS

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Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1116993	Drill Core	6.14	3.7	377.1	3.9	37	0.4	8.3	7.1	214	1.76	4.7	1.2	10.4	77	<0.1	0.3	8.6	32	0.80	0.065
1116994	Drill Core	7.63	8.1	362.7	7.3	35	0.4	9.4	8.0	198	1.92	3.5	<0.5	10.7	120	<0.1	0.2	14.6	31	0.50	0.059
1116995	Drill Core	7.43	3.3	222.8	17.4	34	0.2	8.1	7.0	224	1.84	<0.5	0.7	11.8	93	<0.1	0.2	48.9	37	0.52	0.061
1116996	Drill Core	5.05	3.5	306.1	7.4	35	0.4	7.7	7.3	217	2.00	<0.5	3.7	10.8	51	<0.1	0.2	19.2	38	0.59	0.068
1116997	Drill Core	9.49	13.2	274.9	2.7	34	0.4	8.1	6.8	210	1.85	<0.5	<0.5	10.3	131	<0.1	0.1	6.1	33	0.76	0.063
1116998	Drill Core	6.23	23.2	598.1	5.6	32	0.7	6.6	5.6	210	1.63	0.8	1.3	10.8	126	<0.1	0.2	12.8	28	0.95	0.059
1116999	Drill Core	4.18	13.5	726.9	3.6	32	0.8	8.0	5.8	168	1.68	1.6	<0.5	10.1	259	0.1	0.2	8.2	26	1.08	0.060
1117000	Drill Core	7.68	7.3	695.6	9.0	31	0.6	7.2	5.6	196	1.77	<0.5	<0.5	12.7	169	<0.1	0.2	23.2	27	1.01	0.061
1191251	Rock Pulp	0.02	2.6	18.7	1.8	30	0.5	16.3	6.8	277	1.70	2.1	1.9	0.8	29	0.2	0.4	<0.1	43	0.63	0.042
1191252	Drill Core	6.97	3.6	483.8	2.4	30	0.5	8.0	6.8	226	1.86	1.2	<0.5	10.7	88	<0.1	0.1	5.0	37	0.69	0.063
1191253	Drill Core	7.19	3.2	355.2	2.2	31	0.4	7.5	6.6	235	1.93	1.4	<0.5	10.7	90	<0.1	0.1	5.3	37	0.74	0.062
1191254	Drill Core	8.62	7.6	417.9	2.5	41	0.4	7.5	5.7	231	1.71	0.7	1.0	10.4	63	0.2	0.1	7.2	33	0.78	0.061
1191255	Drill Core	7.35	5.7	404.4	10.4	32	0.5	8.2	7.2	254	2.03	1.3	2.2	10.0	52	<0.1	0.2	31.7	35	0.83	0.059
1191256	Drill Core	6.90	2.4	245.1	3.6	36	0.3	8.8	7.3	259	1.97	1.0	0.5	10.4	39	<0.1	<0.1	8.4	41	0.73	0.064
1191257	Drill Core	9.49	190.9	219.0	6.3	34	0.2	6.9	6.0	272	1.81	1.1	0.6	11.8	34	<0.1	<0.1	12.4	36	0.71	0.058
1191258	Drill Core	7.88	1.4	350.0	2.4	32	0.3	7.1	5.9	221	1.74	0.7	1.0	11.3	31	<0.1	<0.1	3.6	35	0.50	0.056
1191259	Drill Core	7.17	8.2	379.1	4.2	33	0.3	7.4	6.6	262	1.82	1.2	1.1	12.3	37	<0.1	0.2	9.6	36	0.77	0.060
1191260	Rock Pulp	0.02	8.6	202.7	379.0	674	6.6	53.4	14.0	745	4.63	2267	1046	1.7	75	4.5	73.8	2.7	43	1.68	0.057
1191261	Drill Core	7.63	1.7	1244	7.5	36	1.2	7.8	5.8	238	1.90	1.7	2.8	10.0	39	0.2	0.2	19.2	35	0.83	0.062
1191262	Drill Core	8.00	6.3	530.8	3.6	34	0.5	8.2	5.9	253	1.83	0.7	0.9	9.9	36	<0.1	0.1	9.5	38	0.65	0.062
1191263	Drill Core	8.55	6.0	611.1	3.2	35	0.6	8.0	6.2	248	1.82	1.3	2.5	9.8	49	<0.1	0.1	7.9	36	0.81	0.061
1191264	Drill Core	4.45	23.3	522.8	4.6	34	0.6	8.6	6.1	231	1.83	0.9	1.0	10.0	32	<0.1	0.1	11.4	34	0.71	0.063
1191265	Drill Core	7.64	11.8	531.6	7.4	42	0.5	7.4	5.8	260	1.78	6.6	2.2	10.4	106	0.3	0.5	16.9	32	1.63	0.057
1191266	Drill Core	8.73	2.0	326.7	5.3	37	0.4	8.3	6.2	266	1.90	1.7	4.2	10.8	58	<0.1	0.2	19.3	37	0.85	0.060
1191267	Drill Core	6.60	4.4	426.5	19.6	35	0.7	8.2	6.3	251	1.96	1.7	2.7	10.3	68	<0.1	0.3	76.6	38	0.74	0.061
1191268	Drill Core	4.78	3.5	464.6	6.9	38	0.5	7.6	6.3	273	1.84	2.6	1.1	9.8	89	<0.1	0.1	16.8	42	1.00	0.062
1191269	Drill Core	9.40	2.0	303.8	5.4	33	0.3	8.0	6.3	259	1.89	1.8	1.9	9.4	103	<0.1	0.2	14.4	41	0.88	0.062
1191270	Rock Pulp	0.02	2.8	19.6	2.1	31	0.4	17.8	7.1	298	1.77	4.4	2.6	0.9	33	0.1	0.3	0.3	46	0.75	0.044
1191271	Drill Core	8.78	1.4	352.2	4.4	36	0.4	7.6	6.4	245	1.89	2.2	1.3	10.9	44	<0.1	0.1	9.5	41	0.56	0.061
1191272	Drill Core	8.42	1.4	277.5	3.1	34	0.3	8.6	6.9	265	2.01	1.7	0.7	12.9	53	<0.1	<0.1	8.1	42	0.54	0.069

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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CERTIFICATE OF ANALYSIS

SMI11000135.1

Method Analyte	1DX15																	
	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1116993	Drill Core	14	15	0.55	86	0.085	<1	1.12	0.040	0.41	1.1	<0.01	2.5	0.2	0.46	4	0.7	0.3
1116994	Drill Core	13	14	0.49	105	0.087	<1	0.86	0.050	0.37	0.8	<0.01	2.2	0.2	0.64	4	0.6	0.2
1116995	Drill Core	13	20	0.58	121	0.112	<1	0.89	0.053	0.41	0.2	<0.01	2.2	0.2	0.49	4	0.5	<0.2
1116996	Drill Core	15	15	0.60	115	0.110	<1	0.87	0.059	0.40	0.4	<0.01	2.6	0.4	0.73	4	<0.5	0.4
1116997	Drill Core	15	17	0.53	118	0.094	<1	1.09	0.060	0.39	1.3	<0.01	2.3	0.3	0.68	4	0.6	<0.2
1116998	Drill Core	17	11	0.41	109	0.072	<1	0.95	0.055	0.34	2.6	<0.01	2.0	0.2	0.57	4	<0.5	<0.2
1116999	Drill Core	16	13	0.45	121	0.064	<1	1.71	0.103	0.30	1.0	<0.01	1.8	0.2	0.75	4	<0.5	0.2
1117000	Drill Core	17	13	0.43	100	0.056	<1	0.98	0.060	0.29	0.8	<0.01	1.7	0.2	0.86	4	<0.5	<0.2
1191251	Rock Pulp	4	23	0.46	70	0.095	2	0.99	0.058	0.07	13.4	0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
1191252	Drill Core	13	18	0.61	104	0.095	<1	0.93	0.057	0.39	0.6	0.01	2.0	0.2	0.71	5	0.6	<0.2
1191253	Drill Core	12	15	0.63	105	0.099	<1	1.07	0.063	0.42	0.7	<0.01	2.4	0.2	0.71	5	<0.5	<0.2
1191254	Drill Core	13	18	0.57	100	0.086	<1	0.82	0.046	0.36	4.8	<0.01	2.0	0.2	0.58	4	<0.5	<0.2
1191255	Drill Core	11	16	0.63	86	0.092	<1	0.86	0.049	0.39	3.3	<0.01	1.9	0.2	0.88	5	<0.5	0.3
1191256	Drill Core	11	20	0.66	117	0.119	<1	0.84	0.047	0.42	1.6	<0.01	2.1	0.2	0.55	5	<0.5	<0.2
1191257	Drill Core	12	20	0.56	113	0.114	<1	0.75	0.050	0.37	2.7	<0.01	1.7	0.2	0.41	4	<0.5	<0.2
1191258	Drill Core	10	14	0.52	102	0.098	<1	0.73	0.055	0.32	1.0	<0.01	1.5	0.2	0.44	4	<0.5	<0.2
1191259	Drill Core	11	21	0.54	100	0.104	<1	0.73	0.052	0.34	0.9	<0.01	1.5	0.2	0.48	4	<0.5	<0.2
1191260	Rock Pulp	8	59	0.96	282	0.065	3	1.19	0.068	0.16	2.5	0.91	4.3	0.2	1.22	4	1.1	0.5
1191261	Drill Core	10	15	0.58	99	0.102	<1	0.85	0.055	0.34	5.5	<0.01	1.7	0.2	0.75	4	<0.5	0.2
1191262	Drill Core	10	21	0.59	107	0.114	<1	0.78	0.051	0.35	4.1	<0.01	1.6	0.2	0.51	4	<0.5	<0.2
1191263	Drill Core	11	15	0.63	103	0.097	<1	0.91	0.049	0.37	6.6	<0.01	1.9	0.2	0.61	5	<0.5	<0.2
1191264	Drill Core	10	19	0.61	95	0.092	<1	0.80	0.047	0.36	9.7	<0.01	2.0	0.2	0.76	4	0.5	0.2
1191265	Drill Core	10	14	0.60	97	0.079	<1	1.28	0.056	0.32	0.4	<0.01	1.8	0.2	0.74	5	0.7	<0.2
1191266	Drill Core	11	18	0.63	109	0.106	<1	0.85	0.045	0.41	1.9	<0.01	2.2	0.3	0.65	5	<0.5	<0.2
1191267	Drill Core	10	15	0.67	95	0.097	<1	1.08	0.052	0.42	0.4	<0.01	2.3	0.3	0.73	5	0.8	0.3
1191268	Drill Core	11	20	0.72	132	0.120	<1	1.16	0.046	0.47	0.4	<0.01	2.6	0.3	0.58	6	0.6	<0.2
1191269	Drill Core	11	18	0.65	123	0.127	<1	1.19	0.059	0.49	0.2	<0.01	2.5	0.3	0.52	5	<0.5	<0.2
1191270	Rock Pulp	5	25	0.48	74	0.119	2	1.11	0.063	0.08	14.6	<0.01	2.8	<0.1	<0.05	4	<0.5	<0.2
1191271	Drill Core	12	20	0.60	126	0.141	<1	1.02	0.066	0.43	0.9	<0.01	2.0	0.2	0.44	5	<0.5	<0.2
1191272	Drill Core	13	18	0.65	126	0.145	<1	0.88	0.068	0.44	0.9	<0.01	2.2	0.2	0.64	5	0.6	<0.2



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Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1191273	Drill Core	8.59	0.8	211.9	1.8	26	0.2	7.0	5.4	195	1.65	1.5	<0.5	12.8	45	<0.1	<0.1	2.1	33	0.49	0.050
1191274	Drill Core	8.38	2.1	236.8	3.2	25	0.3	6.6	5.0	180	1.52	1.6	0.5	12.9	35	<0.1	<0.1	4.2	30	0.44	0.042
1191275	Drill Core	7.74	1.0	115.9	3.1	26	0.2	7.5	5.9	216	1.76	1.3	<0.5	13.0	45	<0.1	0.1	4.3	36	0.66	0.052
1191276	Drill Core	8.50	2.6	303.3	2.4	30	0.3	9.0	6.6	217	1.91	2.5	<0.5	11.9	71	<0.1	0.1	1.3	42	0.87	0.061
1191277	Drill Core	8.37	2.8	174.0	2.3	31	0.2	8.7	6.5	219	2.05	1.4	<0.5	12.0	38	<0.1	0.1	1.2	44	0.56	0.062
1191278	Drill Core	8.21	6.3	272.1	3.1	33	0.3	8.9	6.1	228	2.03	1.3	<0.5	10.8	37	<0.1	0.1	5.0	46	0.57	0.068
1191279	Drill Core	8.49	6.1	608.3	12.8	37	0.6	8.9	6.4	225	2.08	1.5	1.4	10.8	36	0.1	0.2	39.5	46	0.54	0.067
1191280	Rock Pulp	0.02	7.9	203.0	408.3	660	6.4	55.6	14.2	783	4.67	2246	1137	1.8	78	3.9	76.5	3.0	45	1.70	0.059
1191281	Drill Core	8.19	4.3	387.6	3.8	37	0.5	9.7	6.4	221	2.08	2.1	2.0	10.6	32	0.1	0.1	5.3	46	0.48	0.069
1191282	Drill Core	6.18	1.2	411.4	3.1	37	0.5	8.5	6.3	241	2.00	1.3	1.3	12.5	29	0.1	<0.1	2.9	47	0.61	0.068
1116880	Rock Pulp	0.02	2.6	18.7	1.8	31	0.4	17.0	7.3	298	1.75	3.5	3.4	0.9	31	0.2	0.3	0.1	43	0.71	0.042



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CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1191273	Drill Core	9	19	0.51	98	0.105	<1	0.78	0.065	0.35	0.3	<0.01	1.7	0.2	0.59	4	<0.5	<0.2
1191274	Drill Core	8	14	0.45	98	0.112	<1	0.83	0.077	0.31	0.5	<0.01	1.4	0.2	0.59	3	0.5	<0.2
1191275	Drill Core	9	20	0.51	114	0.110	<1	0.93	0.064	0.35	0.3	<0.01	1.4	0.2	0.60	4	<0.5	<0.2
1191276	Drill Core	9	18	0.57	141	0.134	<1	1.36	0.088	0.43	0.3	<0.01	1.9	0.3	0.61	5	0.6	<0.2
1191277	Drill Core	9	23	0.62	119	0.131	<1	0.89	0.066	0.44	0.4	<0.01	2.1	0.3	0.83	5	0.7	<0.2
1191278	Drill Core	10	21	0.61	137	0.149	<1	0.83	0.081	0.47	0.4	<0.01	2.0	0.3	0.60	5	0.7	<0.2
1191279	Drill Core	10	25	0.65	118	0.142	<1	0.85	0.063	0.47	5.7	<0.01	2.2	0.3	0.82	5	0.8	0.3
1191280	Rock Pulp	8	59	0.96	341	0.068	3	1.23	0.069	0.18	2.6	0.88	4.6	0.2	1.23	4	1.4	0.4
1191281	Drill Core	10	25	0.62	136	0.151	<1	0.82	0.073	0.44	2.1	<0.01	1.9	0.3	0.56	5	0.8	<0.2
1191282	Drill Core	11	22	0.63	165	0.166	<1	0.86	0.079	0.46	2.0	<0.01	2.0	0.3	0.44	5	<0.5	<0.2
1116880	Rock Pulp	4	25	0.46	76	0.110	3	1.06	0.060	0.07	14.0	0.02	2.8	<0.1	<0.05	4	0.7	<0.2



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Project: Auro
Report Date: July 28, 2011

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QUALITY CONTROL REPORT

SMI11000135.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
1116952	Drill Core	9.46	4.3	101.3	1.3	29	<0.1	7.2	5.9	246	1.64	0.8	<0.5	10.1	19	<0.1	<0.1	<0.1	41	0.29	0.056
REP 1116952	QC		3.9	106.8	1.2	30	<0.1	7.3	5.8	263	1.68	0.8	<0.5	10.5	21	<0.1	<0.1	<0.1	41	0.32	0.057
1116966	Drill Core	6.24	0.7	119.2	2.0	31	0.2	7.8	6.3	224	1.78	1.3	0.5	13.3	28	<0.1	0.2	3.1	38	0.44	0.060
REP 1116966	QC		0.7	120.1	2.0	32	0.2	7.6	6.6	219	1.77	1.4	1.0	13.0	28	<0.1	0.2	3.3	38	0.45	0.059
1191268	Drill Core	4.78	3.5	464.6	6.9	38	0.5	7.6	6.3	273	1.84	2.6	1.1	9.8	89	<0.1	0.1	16.8	42	1.00	0.062
REP 1191268	QC		4.6	477.3	6.9	38	0.6	7.9	6.4	285	1.88	2.6	4.9	10.4	86	<0.1	0.2	17.3	42	1.01	0.068
Core Reject Duplicates																					
1116964	Drill Core	7.45	0.4	70.1	2.1	37	0.1	7.6	5.6	306	1.67	4.4	<0.5	11.0	58	<0.1	0.2	1.0	39	0.92	0.056
DUP 1116964	QC		0.5	79.0	2.1	40	0.2	7.8	6.2	326	1.74	4.5	<0.5	12.0	63	<0.1	0.2	1.2	40	0.99	0.059
1116999	Drill Core	4.18	13.5	726.9	3.6	32	0.8	8.0	5.8	168	1.68	1.6	<0.5	10.1	259	0.1	0.2	8.2	26	1.08	0.060
DUP 1116999	QC		12.5	709.8	4.4	31	0.7	7.2	5.6	162	1.63	1.4	<0.5	9.8	251	<0.1	0.2	8.3	25	1.05	0.054
Reference Materials																					
STD DS8	Standard		13.3	107.3	135.2	309	1.9	39.3	7.7	648	2.47	26.4	101.1	6.7	74	2.1	5.3	6.6	40	0.73	0.082
STD DS8	Standard		13.0	110.2	135.8	308	1.8	38.5	7.8	667	2.51	27.5	98.2	7.1	75	2.3	5.7	6.8	41	0.75	0.085
STD DS8	Standard		12.3	93.9	121.3	273	1.6	34.0	6.8	578	2.29	23.4	86.4	6.7	68	1.8	4.9	5.9	37	0.63	0.071
STD DS8	Standard		12.2	93.7	122.4	271	1.5	32.6	6.4	575	2.27	22.9	92.1	6.3	66	1.9	5.2	5.8	37	0.64	0.071
STD DS8	Standard		12.5	107.1	141.3	319	1.9	36.3	6.9	603	2.46	26.4	113.9	7.9	69	2.4	6.1	7.6	40	0.70	0.081
STD DS8	Standard		13.7	109.1	134.4	314	1.8	39.6	7.3	626	2.52	26.7	101.4	7.4	69	2.4	5.7	7.2	40	0.72	0.083
STD DS8	Standard		12.8	109.3	111.5	294	1.8	38.8	7.6	572	2.38	23.4	101.9	6.3	58	1.9	5.4	5.7	38	0.66	0.079
STD DS8	Standard		12.5	115.9	118.6	323	1.8	39.9	8.1	634	2.58	26.6	111.8	6.7	62	2.3	5.4	6.9	41	0.73	0.082
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	0.6	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	<0.1	1.4	2.5	38	<0.1	3.0	3.6	481	1.73	<0.5	<0.5	4.8	51	<0.1	<0.1	<0.1	32	0.39	0.070
G1	Prep Blank	<0.01	<0.1	1.4	2.6	38	<0.1	2.9	3.5	465	1.72	<0.5	<0.5	4.8	68	<0.1	<0.1	<0.1	31	0.63	0.072



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Project: Auro
Report Date: July 28, 2011

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QUALITY CONTROL REPORT

SMI11000135.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
1116952	Drill Core	13	22	0.53	148	0.165	<1	0.65	0.069	0.46	0.1	<0.01	1.8	0.3	0.08	4	<0.5	<0.2
REP 1116952	QC	13	23	0.54	151	0.175	<1	0.66	0.071	0.47	0.2	<0.01	2.0	0.3	0.08	4	<0.5	<0.2
1116966	Drill Core	11	16	0.63	131	0.100	<1	1.08	0.041	0.38	0.3	<0.01	1.9	0.2	0.30	5	<0.5	<0.2
REP 1116966	QC	10	15	0.63	131	0.104	<1	1.08	0.041	0.38	0.4	<0.01	1.9	0.2	0.30	5	<0.5	<0.2
1191268	Drill Core	11	20	0.72	132	0.120	<1	1.16	0.046	0.47	0.4	<0.01	2.6	0.3	0.58	6	0.6	<0.2
REP 1191268	QC	11	19	0.72	137	0.125	<1	1.16	0.047	0.49	0.3	<0.01	2.6	0.4	0.58	5	<0.5	<0.2
Core Reject Duplicates																		
1116964	Drill Core	13	15	0.63	73	0.101	<1	1.32	0.063	0.32	0.2	0.01	1.8	0.2	0.15	6	<0.5	<0.2
DUP 1116964	QC	14	16	0.66	77	0.104	<1	1.42	0.066	0.33	0.2	<0.01	1.9	0.2	0.16	6	<0.5	<0.2
1116999	Drill Core	16	13	0.45	121	0.064	<1	1.71	0.103	0.30	1.0	<0.01	1.8	0.2	0.75	4	<0.5	0.2
DUP 1116999	QC	15	13	0.43	117	0.061	<1	1.59	0.100	0.28	0.9	<0.01	1.7	0.2	0.71	4	0.6	0.2
Reference Materials																		
STD DS8	Standard	15	120	0.62	266	0.121	2	0.94	0.092	0.42	2.9	0.21	2.0	5.3	0.16	5	5.3	5.2
STD DS8	Standard	15	122	0.63	289	0.125	2	0.97	0.095	0.43	2.8	0.21	2.0	5.4	0.16	5	5.2	4.8
STD DS8	Standard	14	104	0.56	257	0.115	2	0.85	0.080	0.37	2.9	0.18	1.6	4.9	0.14	4	4.1	4.5
STD DS8	Standard	16	102	0.56	260	0.112	2	0.86	0.080	0.37	2.8	0.17	1.7	4.9	0.14	4	4.1	4.7
STD DS8	Standard	15	114	0.60	293	0.110	2	0.90	0.082	0.42	3.2	0.22	1.9	5.9	0.16	5	4.4	5.7
STD DS8	Standard	15	119	0.62	275	0.114	3	0.93	0.084	0.42	3.1	0.19	2.0	5.5	0.16	4	5.5	5.2
STD DS8	Standard	13	117	0.58	263	0.117	2	0.88	0.077	0.40	2.8	0.18	1.9	4.9	0.15	5	4.3	5.0
STD DS8	Standard	14	120	0.64	275	0.121	3	0.96	0.088	0.40	2.8	0.19	2.1	5.3	0.16	5	5.4	4.8
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.01	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.01	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.01	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.01	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank	8	5	0.50	179	0.110	1	0.83	0.058	0.40	<0.1	<0.01	1.4	0.3	<0.05	4	<0.5	<0.2
G1	Prep Blank	9	5	0.57	178	0.112	1	0.86	0.069	0.41	0.1	<0.01	1.5	0.3	<0.05	4	<0.5	<0.2



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Submitted By: Bob Krause
Receiving Lab: Canada-Smithers
Received: July 08, 2011
Report Date: July 28, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS

SMI11000149.1

CLIENT JOB INFORMATION

Project: Auro
Shipment ID: 7
P.O. Number
Number of Samples: 84

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

SAMPLE DISPOSAL

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

ADDITIONAL COMMENTS

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

Invoice To: Gold Reach Resources
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Vancouver BC V7Y 1G5
Canada

CC: Shane Ebert
Jim Cuttle



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Auro
 Report Date: July 28, 2011

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CERTIFICATE OF ANALYSIS

SMI11000149.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1191283	Drill Core	10.22	0.1	93.3	4.4	46	0.2	14.4	14.4	444	2.65	2.1	1.8	1.0	489	<0.1	0.3	<0.1	86	2.75	0.116
1191284	Drill Core	7.99	<0.1	47.7	3.7	40	0.1	13.2	13.2	345	2.36	2.2	<0.5	0.8	518	<0.1	0.2	<0.1	78	3.65	0.099
1191285	Drill Core	7.95	0.1	93.5	4.4	47	0.2	15.1	15.4	427	2.74	2.8	0.8	1.0	497	<0.1	0.3	<0.1	88	3.22	0.115
1191286	Drill Core	7.85	0.3	80.3	4.2	47	0.1	15.7	15.6	377	2.78	2.9	<0.5	1.2	442	<0.1	0.2	<0.1	89	2.64	0.118
1191287	Drill Core	9.40	0.2	136.5	4.6	48	0.2	14.5	16.8	456	3.20	3.4	<0.5	1.0	559	<0.1	0.3	<0.1	105	2.95	0.107
1191288	Drill Core	9.67	1.0	109.2	4.4	52	0.2	18.5	11.4	287	2.15	5.9	0.9	1.1	445	<0.1	1.1	<0.1	73	3.24	0.102
1191289	Drill Core	5.16	3.0	149.3	6.7	70	0.1	52.1	17.9	255	3.55	7.6	<0.5	1.5	524	0.6	0.2	<0.1	161	1.67	0.146
1191290	Rock Pulp	0.03	3.1	22.4	2.3	35	0.5	18.3	8.7	293	1.79	6.7	<0.5	1.0	30	0.3	0.3	<0.1	44	0.70	0.051
1191291	Drill Core	12.28	3.1	119.3	9.0	77	0.1	28.1	20.2	593	3.76	3.5	1.1	1.5	226	0.2	0.2	<0.1	154	1.59	0.178
1191292	Drill Core	3.32	2.7	198.0	5.8	82	0.2	26.7	24.4	600	4.05	2.3	1.4	1.4	200	0.2	0.2	<0.1	163	1.20	0.196
1191293	Drill Core	11.12	0.6	88.5	4.1	78	<0.1	22.3	17.7	602	3.75	2.6	1.4	1.5	233	0.1	0.1	<0.1	136	1.71	0.197
1191294	Drill Core	6.11	0.3	123.7	1.6	77	0.2	22.6	18.6	586	3.82	2.5	0.8	1.4	215	<0.1	<0.1	<0.1	138	1.76	0.199
1191295	Drill Core	8.27	<0.1	108.7	2.6	69	0.1	20.6	16.5	598	3.66	2.7	<0.5	1.3	210	0.1	<0.1	<0.1	134	1.68	0.186
1191296	Drill Core	10.15	<0.1	129.6	3.5	74	0.2	21.9	18.3	611	3.82	2.4	1.3	1.5	207	0.1	0.2	<0.1	143	1.73	0.190
1191297	Drill Core	7.36	0.1	109.9	3.5	69	0.2	20.7	17.0	560	3.61	3.0	<0.5	1.6	219	0.1	0.2	<0.1	130	1.65	0.178
1191298	Drill Core	8.96	0.1	109.3	1.9	54	0.1	19.6	15.2	541	3.57	4.0	0.7	1.6	337	<0.1	0.1	<0.1	130	1.77	0.184
1191299	Drill Core	7.88	0.5	109.6	1.1	51	0.1	20.2	17.1	479	3.53	3.6	<0.5	1.7	369	<0.1	0.1	<0.1	127	1.72	0.181
1191300	Rock Pulp	0.09	8.6	216.1	404.9	699	6.5	57.7	14.4	745	4.77	2277	1152	1.7	72	4.4	74.3	2.3	44	1.70	0.056
1191301	Drill Core	9.43	0.4	137.9	3.4	54	0.1	21.4	17.3	519	3.66	3.4	4.7	1.9	237	0.1	<0.1	<0.1	130	1.76	0.200
1191302	Drill Core	7.44	1.8	145.3	4.9	64	0.1	34.2	21.9	552	3.97	3.6	1.1	1.3	292	<0.1	0.1	<0.1	156	1.64	0.148
1191303	Drill Core	9.88	0.5	118.3	8.2	76	0.2	34.3	21.8	623	4.12	4.8	1.0	1.2	248	0.2	0.2	<0.1	169	2.04	0.158
1191304	Drill Core	8.69	0.4	136.7	9.3	71	0.3	32.4	20.8	585	3.88	9.7	<0.5	1.3	313	0.2	0.1	<0.1	151	2.37	0.164
1191305	Drill Core	8.65	0.3	117.2	7.1	55	0.2	24.8	16.3	467	3.26	2.9	4.3	1.4	299	0.2	0.1	<0.1	123	2.29	0.176
1191306	Drill Core	16.72	0.3	144.2	3.4	53	0.1	28.4	18.3	487	3.60	2.2	2.8	1.5	352	0.1	<0.1	<0.1	141	2.35	0.188
1191307	Drill Core	7.88	2.3	121.5	3.0	93	0.2	57.2	20.9	738	3.83	7.2	1.8	1.6	375	<0.1	1.3	0.1	155	1.90	0.144
1191308	Drill Core	6.83	1.0	81.1	5.8	55	0.1	66.2	20.8	306	3.20	18.3	<0.5	1.2	190	0.2	0.2	0.2	135	1.52	0.087
1191309	Drill Core	7.75	1.5	109.8	33.6	99	0.1	96.1	30.1	533	3.46	48.0	<0.5	1.1	213	0.4	1.3	0.1	131	1.74	0.094
1191310	Rock Pulp	0.10	3.0	22.8	2.3	34	0.5	19.7	7.6	275	1.70	6.5	<0.5	0.9	35	0.2	0.3	<0.1	43	0.70	0.044
1191311	Drill Core	8.09	1.2	107.6	6.2	59	0.1	53.7	20.8	338	3.45	3.5	<0.5	1.8	104	0.2	0.3	0.1	129	1.05	0.117
1191312	Drill Core	8.98	0.5	86.5	4.6	67	<0.1	47.2	21.1	646	3.70	3.1	<0.5	1.0	194	0.1	0.1	<0.1	149	1.18	0.119

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Project: Auro
 Report Date: July 28, 2011

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CERTIFICATE OF ANALYSIS

SMI11000149.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	
1191283	Drill Core	6	8	1.25	293	0.204	<1	4.23	0.700	0.77	<0.1	<0.01	4.5	<0.1	<0.05	7	<0.5	<0.2
1191284	Drill Core	5	7	1.11	245	0.190	<1	4.39	0.675	0.76	<0.1	<0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
1191285	Drill Core	6	11	1.29	296	0.207	<1	4.83	0.833	0.83	<0.1	<0.01	4.2	<0.1	<0.05	8	<0.5	<0.2
1191286	Drill Core	6	13	1.18	274	0.248	<1	4.45	0.692	1.01	<0.1	<0.01	2.3	<0.1	<0.05	7	<0.5	<0.2
1191287	Drill Core	6	9	1.22	376	0.257	<1	4.99	0.755	1.07	<0.1	<0.01	2.8	<0.1	<0.05	8	<0.5	<0.2
1191288	Drill Core	6	19	0.78	230	0.167	<1	5.09	1.112	0.64	<0.1	<0.01	1.9	<0.1	<0.05	8	<0.5	<0.2
1191289	Drill Core	5	48	1.09	194	0.140	<1	3.74	0.270	1.21	0.1	<0.01	9.4	0.3	0.12	10	1.5	<0.2
1191290	Rock Pulp	5	25	0.47	83	0.122	2	1.05	0.058	0.08	15.2	<0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
1191291	Drill Core	7	35	1.32	134	0.247	<1	3.38	0.378	1.53	<0.1	<0.01	3.3	0.2	0.25	10	<0.5	<0.2
1191292	Drill Core	8	41	1.38	131	0.276	<1	2.89	0.283	1.72	<0.1	<0.01	2.5	0.2	0.28	9	1.0	<0.2
1191293	Drill Core	9	40	1.26	150	0.258	<1	3.42	0.368	1.54	<0.1	<0.01	2.3	0.2	<0.05	9	<0.5	<0.2
1191294	Drill Core	9	42	1.28	140	0.266	<1	3.62	0.366	1.67	<0.1	<0.01	1.8	<0.1	<0.05	9	<0.5	<0.2
1191295	Drill Core	8	40	1.25	138	0.251	<1	3.45	0.342	1.55	<0.1	<0.01	1.8	0.1	<0.05	9	<0.5	<0.2
1191296	Drill Core	9	43	1.27	131	0.255	<1	3.53	0.334	1.54	<0.1	<0.01	2.2	<0.1	<0.05	9	<0.5	<0.2
1191297	Drill Core	10	40	1.15	138	0.230	<1	3.24	0.332	1.46	<0.1	<0.01	2.1	0.2	<0.05	9	<0.5	<0.2
1191298	Drill Core	10	40	1.17	103	0.206	<1	3.43	0.323	1.33	<0.1	<0.01	1.9	0.1	<0.05	9	<0.5	<0.2
1191299	Drill Core	10	38	1.16	83	0.217	<1	3.50	0.302	1.33	<0.1	<0.01	2.1	0.1	<0.05	9	<0.5	<0.2
1191300	Rock Pulp	8	62	0.98	310	0.070	4	1.20	0.066	0.18	2.5	0.88	4.6	0.2	1.25	4	0.9	0.4
1191301	Drill Core	11	39	1.15	105	0.250	<1	3.51	0.340	1.38	<0.1	<0.01	1.7	<0.1	0.07	9	0.7	<0.2
1191302	Drill Core	7	66	1.37	249	0.267	1	3.33	0.362	1.60	<0.1	<0.01	3.0	<0.1	0.21	9	<0.5	<0.2
1191303	Drill Core	7	71	1.50	388	0.270	<1	3.77	0.358	1.73	<0.1	<0.01	3.2	<0.1	0.12	10	<0.5	<0.2
1191304	Drill Core	8	69	1.37	345	0.272	<1	4.39	0.472	1.60	<0.1	<0.01	2.9	<0.1	0.09	10	<0.5	<0.2
1191305	Drill Core	9	60	1.13	260	0.226	<1	3.89	0.443	1.28	<0.1	<0.01	2.2	<0.1	<0.05	9	<0.5	<0.2
1191306	Drill Core	10	67	1.29	263	0.242	<1	4.28	0.453	1.49	<0.1	<0.01	2.3	<0.1	<0.05	10	<0.5	<0.2
1191307	Drill Core	7	71	1.45	346	0.267	<1	4.14	0.418	1.51	0.2	<0.01	6.4	0.2	0.25	10	0.8	<0.2
1191308	Drill Core	4	72	1.05	190	0.170	<1	3.90	0.482	1.11	0.2	<0.01	7.9	0.2	0.31	10	<0.5	<0.2
1191309	Drill Core	5	141	1.09	120	0.203	<1	3.80	0.460	1.14	0.1	<0.01	8.8	0.2	0.37	9	<0.5	<0.2
1191310	Rock Pulp	5	22	0.45	82	0.120	3	1.03	0.056	0.09	14.2	<0.01	3.3	<0.1	<0.05	4	0.6	<0.2
1191311	Drill Core	8	61	1.14	198	0.207	<1	2.71	0.296	1.20	<0.1	<0.01	6.8	0.2	0.56	8	0.6	<0.2
1191312	Drill Core	5	83	1.79	388	0.253	1	3.20	0.291	1.88	0.1	<0.01	3.3	0.1	0.08	8	<0.5	<0.2

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Project: Auro
 Report Date: July 28, 2011

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CERTIFICATE OF ANALYSIS

SMI11000149.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1191313	Drill Core	8.41	0.4	97.0	2.9	75	0.1	51.7	23.3	672	4.16	2.2	<0.5	1.1	143	0.1	<0.1	<0.1	173	1.15	0.121
1191314	Drill Core	8.45	0.1	39.4	3.0	77	<0.1	49.3	22.8	636	4.02	1.9	<0.5	1.0	121	<0.1	<0.1	<0.1	149	1.39	0.132
1191315	Drill Core	9.24	0.2	92.1	6.0	68	0.1	47.9	21.3	598	3.63	1.7	<0.5	1.0	212	0.1	<0.1	<0.1	135	1.69	0.123
1191316	Drill Core	8.99	0.3	91.2	4.2	60	0.1	36.8	17.7	435	3.07	<0.5	4.2	1.1	199	0.2	0.6	<0.1	102	1.68	0.117
1191317	Drill Core	9.53	0.3	98.9	8.6	43	0.1	34.8	15.7	418	2.85	5.5	3.3	1.1	283	0.1	0.2	<0.1	103	2.17	0.111
1191318	Drill Core	8.93	0.3	112.1	5.1	38	0.1	34.8	16.1	373	2.79	1.3	4.9	1.2	310	0.1	0.2	<0.1	107	2.20	0.118
1191319	Drill Core	7.99	0.3	121.7	8.4	41	0.1	35.3	16.4	451	2.98	2.7	3.3	1.3	335	0.2	0.9	<0.1	114	2.77	0.113
1191320	Rock Pulp	0.10	7.5	202.2	377.7	652	5.8	51.5	13.8	729	4.45	2154	1086	1.7	59	4.1	66.2	2.3	42	1.57	0.049
1191321	Drill Core	9.91	0.3	92.8	5.4	37	<0.1	33.0	15.4	384	2.79	1.4	1.9	1.2	232	<0.1	0.1	<0.1	103	1.88	0.118
1191322	Drill Core	12.08	0.2	106.2	8.8	39	<0.1	35.8	17.4	388	3.07	0.6	2.2	1.3	228	<0.1	0.2	<0.1	110	1.99	0.127
1191323	Drill Core	5.74	0.5	45.0	5.6	40	<0.1	27.7	13.8	360	2.57	1.0	<0.5	1.1	448	<0.1	0.1	<0.1	94	2.15	0.103
1191324	Drill Core	8.84	0.3	107.6	4.0	49	0.1	33.7	16.2	449	2.98	1.2	<0.5	1.2	348	<0.1	0.2	<0.1	115	2.11	0.120
1191325	Drill Core	5.24	0.3	44.4	12.4	39	<0.1	25.9	10.3	472	2.19	8.8	<0.5	1.0	526	0.2	0.4	0.1	101	3.30	0.110
1191326	Drill Core	6.09	2.4	78.2	14.1	78	0.2	55.6	18.6	848	4.36	12.6	<0.5	1.5	287	0.3	0.8	0.2	147	2.85	0.098
1191327	Drill Core	6.54	0.4	56.5	9.3	65	<0.1	13.4	16.9	636	2.97	11.0	<0.5	0.9	577	0.2	0.5	<0.1	114	3.28	0.087
1191328	Drill Core	7.99	0.3	62.7	8.4	43	<0.1	9.7	13.3	348	2.67	3.6	<0.5	0.7	479	0.2	0.2	<0.1	103	3.33	0.090
1191329	Drill Core	7.40	0.5	71.7	4.7	37	<0.1	9.5	12.6	322	2.61	4.0	<0.5	0.8	480	0.1	0.3	<0.1	102	3.56	0.088
1191330	Rock Pulp	0.10	2.4	17.8	2.7	29	0.3	17.8	7.5	258	1.54	3.8	<0.5	0.9	25	0.2	0.3	<0.1	40	0.67	0.043
1191331	Drill Core	8.24	0.4	63.3	11.6	47	0.1	9.1	12.6	392	2.49	2.8	<0.5	0.9	498	0.3	0.1	<0.1	91	2.99	0.098
1191332	Drill Core	7.99	0.2	69.1	8.1	33	<0.1	8.7	12.0	309	2.45	3.1	<0.5	0.8	840	0.3	0.2	<0.1	93	3.08	0.093
1191333	Drill Core	7.11	1.8	64.9	9.5	69	0.2	69.6	18.3	548	3.39	11.2	<0.5	1.1	267	0.3	0.3	<0.1	138	2.11	0.071
1191334	Drill Core	5.12	7.8	82.5	11.5	64	0.3	27.9	18.5	515	3.52	8.6	<0.5	1.7	249	0.5	0.7	0.1	139	1.61	0.106
1191335	Drill Core	11.54	0.9	40.2	3.2	84	<0.1	7.9	13.1	766	3.77	6.5	<0.5	2.9	68	<0.1	0.3	<0.1	125	1.21	0.179
1191336	Drill Core	5.32	0.8	41.1	3.9	92	<0.1	6.4	12.1	833	3.73	5.7	<0.5	2.8	37	<0.1	0.3	<0.1	112	1.18	0.160
1191337	Drill Core	8.14	0.5	24.6	9.9	78	<0.1	6.9	9.5	764	2.98	7.5	<0.5	2.6	49	0.2	0.3	<0.1	84	1.72	0.176
1191338	Drill Core	5.19	2.1	51.9	5.9	115	0.2	85.9	17.2	910	4.19	5.7	<0.5	2.5	97	0.8	0.3	0.2	123	1.19	0.117
1191339	Drill Core	9.76	3.4	61.3	7.7	89	0.2	150.3	20.6	632	3.51	10.5	<0.5	1.3	233	0.6	0.4	<0.1	121	1.27	0.058
1191340	Rock Pulp	0.09	7.3	197.4	379.8	610	5.5	51.3	13.6	689	4.27	2068	1063	1.7	62	3.6	64.8	2.1	42	1.47	0.050
1191341	Drill Core	5.98	1.0	44.4	7.9	92	0.1	3.8	11.7	911	3.61	6.9	2.1	2.6	53	0.2	0.5	<0.1	85	1.07	0.179
1191342	Drill Core	8.60	2.6	67.0	10.3	122	0.2	147.1	21.7	1178	4.18	6.8	<0.5	1.1	179	0.2	0.3	0.3	143	1.36	0.075

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CERTIFICATE OF ANALYSIS

SMI11000149.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K ppm	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1191313	Drill Core	6	91	2.20	541	0.294	<1	3.42	0.279	2.32	<0.1	<0.01	3.6	<0.1	<0.05	9	<0.5	<0.2
1191314	Drill Core	5	79	2.08	503	0.287	<1	3.17	0.268	2.07	<0.1	<0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1191315	Drill Core	6	76	1.79	496	0.241	<1	3.22	0.354	1.62	<0.1	<0.01	4.4	<0.1	<0.05	8	<0.5	<0.2
1191316	Drill Core	6	64	1.33	381	0.192	2	3.01	0.319	1.20	<0.1	<0.01	2.8	<0.1	<0.05	7	<0.5	<0.2
1191317	Drill Core	7	60	1.23	290	0.205	<1	3.54	0.389	1.03	<0.1	<0.01	2.4	0.2	<0.05	8	<0.5	<0.2
1191318	Drill Core	7	58	1.22	381	0.203	1	3.76	0.432	1.06	<0.1	<0.01	2.1	<0.1	<0.05	8	<0.5	<0.2
1191319	Drill Core	8	57	1.26	233	0.224	1	4.12	0.466	0.96	<0.1	<0.01	2.3	<0.1	<0.05	9	<0.5	<0.2
1191320	Rock Pulp	8	61	0.92	292	0.063	4	1.13	0.064	0.16	2.7	0.87	4.1	0.2	1.25	4	0.9	0.7
1191321	Drill Core	8	54	1.19	349	0.209	<1	3.42	0.412	1.13	<0.1	<0.01	2.1	<0.1	<0.05	8	<0.5	<0.2
1191322	Drill Core	8	56	1.26	380	0.211	<1	3.55	0.361	1.16	<0.1	<0.01	2.6	<0.1	<0.05	8	<0.5	<0.2
1191323	Drill Core	7	53	1.01	288	0.186	<1	3.71	0.500	0.91	<0.1	<0.01	1.8	<0.1	<0.05	8	<0.5	<0.2
1191324	Drill Core	8	62	1.19	370	0.239	<1	3.77	0.476	1.10	<0.1	<0.01	2.5	<0.1	<0.05	8	<0.5	<0.2
1191325	Drill Core	6	47	0.68	178	0.175	1	4.22	0.622	0.54	0.1	<0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1191326	Drill Core	5	66	1.17	169	0.192	<1	5.37	0.500	1.11	0.2	0.01	10.9	0.4	1.10	12	1.2	0.2
1191327	Drill Core	5	10	1.20	346	0.144	<1	5.53	0.743	0.45	<0.1	0.01	5.1	<0.1	0.10	12	<0.5	<0.2
1191328	Drill Core	4	10	0.84	280	0.192	<1	5.61	0.742	0.77	<0.1	<0.01	2.3	0.1	<0.05	9	<0.5	<0.2
1191329	Drill Core	4	11	0.79	207	0.202	<1	5.67	0.772	0.77	<0.1	<0.01	2.1	0.1	<0.05	9	<0.5	<0.2
1191330	Rock Pulp	4	25	0.43	74	0.110	4	1.00	0.059	0.08	13.6	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
1191331	Drill Core	5	9	0.86	324	0.173	<1	4.77	0.621	0.65	<0.1	<0.01	2.6	<0.1	<0.05	8	<0.5	<0.2
1191332	Drill Core	4	10	0.81	247	0.153	<1	4.90	0.565	0.60	<0.1	<0.01	2.5	<0.1	<0.05	8	<0.5	<0.2
1191333	Drill Core	5	101	1.37	312	0.186	<1	4.46	0.413	0.83	<0.1	0.02	8.4	0.3	0.12	11	0.6	<0.2
1191334	Drill Core	7	21	0.87	223	0.216	<1	3.15	0.381	0.79	0.2	<0.01	6.2	0.2	0.76	8	1.8	<0.2
1191335	Drill Core	15	11	0.97	100	0.277	<1	2.39	0.201	1.14	0.2	<0.01	3.5	0.3	0.19	9	0.6	<0.2
1191336	Drill Core	16	9	0.94	89	0.285	<1	2.50	0.190	1.16	0.2	<0.01	4.1	0.3	0.13	9	<0.5	<0.2
1191337	Drill Core	14	9	0.71	83	0.219	<1	2.62	0.247	0.80	0.1	<0.01	3.8	0.2	0.07	8	<0.5	<0.2
1191338	Drill Core	8	87	1.55	316	0.316	<1	4.00	0.242	1.61	0.1	<0.01	9.9	0.4	0.28	12	0.9	<0.2
1191339	Drill Core	6	164	1.64	347	0.225	<1	4.04	0.334	1.44	0.1	<0.01	10.1	0.3	0.22	11	1.3	<0.2
1191340	Rock Pulp	8	57	0.89	328	0.066	4	1.13	0.064	0.16	2.5	0.85	4.0	0.2	1.19	4	1.1	0.5
1191341	Drill Core	13	3	0.90	134	0.262	<1	2.33	0.197	1.05	0.2	<0.01	3.8	0.3	0.41	9	<0.5	<0.2
1191342	Drill Core	4	134	1.96	130	0.230	1	5.31	0.234	1.74	0.2	<0.01	13.1	0.5	0.34	13	1.0	<0.2



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CERTIFICATE OF ANALYSIS

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Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1191343	Drill Core	6.75	2.5	33.0	9.9	74	0.1	6.1	9.6	673	3.26	8.2	<0.5	2.5	228	0.2	0.4	<0.1	73	1.60	0.152
1191344	Drill Core	8.04	2.9	73.0	9.7	77	0.1	42.8	15.3	638	3.94	8.2	<0.5	2.7	141	0.2	0.5	0.2	101	2.08	0.130
1191345	Drill Core	3.69	0.8	93.2	5.1	54	0.2	21.3	12.4	473	3.01	6.0	<0.5	2.6	56	0.2	0.3	0.4	96	1.29	0.162
1191346	Drill Core	4.00	3.5	209.0	63.2	275	5.0	6.7	12.5	305	1.80	16.3	<0.5	6.1	24	1.7	1.3	47.1	33	1.55	0.077
1191347	Drill Core	8.81	1.2	64.9	6.6	61	0.1	10.4	13.1	617	3.40	2.9	<0.5	2.6	210	<0.1	0.3	0.2	99	1.84	0.127
1191348	Drill Core	8.64	0.3	90.1	5.0	48	0.1	13.0	17.1	524	3.34	1.9	<0.5	1.2	205	0.1	<0.1	0.1	114	1.89	0.111
1191349	Drill Core	7.94	0.3	64.3	5.3	54	<0.1	18.7	19.5	671	3.77	1.8	1.5	1.1	323	0.1	<0.1	0.1	143	2.92	0.114
1191350	Rock Pulp	0.10	2.9	19.0	2.4	32	0.4	18.2	7.4	267	1.65	2.9	<0.5	0.9	28	0.2	0.3	<0.1	42	0.71	0.040
1191351	Drill Core	5.94	0.1	335.8	4.9	50	0.4	17.0	16.8	539	3.14	1.1	4.3	0.9	368	0.6	<0.1	0.2	148	3.22	0.110
1191352	Drill Core	4.14	1.8	48.6	4.1	29	0.2	8.1	5.8	248	2.47	7.1	1.4	7.3	9	<0.1	0.7	0.5	38	1.84	0.089
1191353	Drill Core	6.94	0.3	60.0	4.0	39	0.1	14.0	14.6	575	3.11	2.1	2.6	1.0	313	<0.1	0.1	<0.1	149	3.16	0.109
1191354	Drill Core	5.86	2.7	143.7	4.7	32	0.7	8.3	7.9	256	2.41	7.7	0.8	6.3	8	<0.1	1.0	1.2	42	1.41	0.090
1191355	Drill Core	8.15	0.7	87.2	5.9	44	0.3	20.4	15.2	502	2.84	3.5	0.8	0.9	402	<0.1	0.1	0.6	101	2.45	0.100
1191356	Drill Core	8.69	0.9	79.4	6.4	51	0.2	15.0	18.2	490	3.30	2.6	<0.5	1.0	258	<0.1	<0.1	0.3	108	1.79	0.132
1191357	Drill Core	8.84	0.4	67.5	4.8	36	0.2	10.5	12.1	333	2.56	2.3	0.6	0.9	299	<0.1	<0.1	0.8	89	2.31	0.127
1191358	Drill Core	9.32	0.5	55.4	2.0	34	0.2	10.0	12.8	301	2.62	2.7	<0.5	1.0	285	<0.1	<0.1	<0.1	102	2.38	0.144
1191359	Drill Core	6.03	0.4	57.4	1.5	34	0.1	10.4	11.7	318	2.80	0.6	<0.5	1.0	283	<0.1	<0.1	<0.1	98	2.13	0.138
1191360	Rock Pulp	0.10	8.5	195.4	407.2	653	6.5	50.8	13.8	769	4.66	2216	1191	1.8	74	4.1	75.9	2.6	44	1.61	0.055
1191361	Drill Core	5.60	3.5	125.3	9.3	45	1.0	11.7	11.2	463	2.94	1.8	<0.5	1.1	522	<0.1	0.2	5.3	105	3.20	0.136
1191362	Drill Core	5.29	3.3	38.3	5.7	53	0.2	7.4	5.7	277	2.65	4.3	<0.5	8.6	12	<0.1	0.5	2.0	37	1.09	0.074
1191363	Drill Core	6.72	0.5	43.4	5.4	35	0.2	6.9	5.5	218	2.16	4.3	<0.5	9.2	10	<0.1	0.5	1.3	33	0.71	0.067
1191364	Drill Core	8.28	2.8	37.5	4.6	37	0.2	6.2	6.8	187	2.01	4.5	<0.5	9.2	9	<0.1	0.4	1.4	26	0.94	0.062
1191365	Drill Core	6.46	0.7	36.0	5.8	39	0.2	5.5	5.2	229	1.92	2.7	<0.5	9.7	12	<0.1	0.2	1.9	28	1.06	0.059
MAYAR1	Rock	0.80	98.6	582.2	2.6	94	1.1	8.9	9.7	574	4.04	1.0	6.0	2.8	202	<0.1	<0.1	1.0	142	1.48	0.222



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CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1191343	Drill Core	11	7	0.71	71	0.218	<1	3.09	0.317	0.80	<0.1	<0.01	3.4	0.3	0.39	9	<0.5	<0.2
1191344	Drill Core	11	45	1.25	102	0.267	<1	4.26	0.413	1.16	0.2	<0.01	7.6	0.3	0.71	11	<0.5	<0.2
1191345	Drill Core	12	35	0.89	86	0.223	<1	2.10	0.216	0.81	0.1	<0.01	3.1	0.4	0.37	8	<0.5	<0.2
1191346	Drill Core	8	9	0.32	21	0.020	<1	1.08	0.097	0.09	<0.1	<0.01	2.1	<0.1	0.70	4	0.5	1.2
1191347	Drill Core	13	12	1.00	86	0.256	<1	2.81	0.389	0.79	0.1	<0.01	4.8	0.3	0.28	8	<0.5	<0.2
1191348	Drill Core	7	8	1.33	389	0.206	<1	3.25	0.508	0.92	<0.1	<0.01	5.7	0.2	<0.05	7	<0.5	<0.2
1191349	Drill Core	7	13	1.80	274	0.209	1	4.36	0.764	0.75	<0.1	<0.01	8.7	<0.1	<0.05	9	<0.5	<0.2
1191350	Rock Pulp	5	26	0.45	77	0.117	4	1.05	0.062	0.08	13.4	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
1191351	Drill Core	6	12	1.42	213	0.181	2	4.50	0.811	0.53	<0.1	<0.01	7.0	<0.1	0.06	9	<0.5	<0.2
1191352	Drill Core	22	14	0.48	21	0.002	<1	1.54	0.127	0.13	<0.1	<0.01	1.9	0.3	1.08	4	<0.5	<0.2
1191353	Drill Core	7	10	1.51	147	0.149	2	4.43	0.765	0.29	<0.1	<0.01	7.5	0.1	0.05	10	<0.5	<0.2
1191354	Drill Core	25	15	0.47	20	0.002	<1	1.37	0.120	0.12	<0.1	<0.01	2.2	0.3	0.90	4	<0.5	<0.2
1191355	Drill Core	6	17	1.37	227	0.150	<1	4.10	0.612	0.67	<0.1	<0.01	4.3	0.5	0.10	8	<0.5	<0.2
1191356	Drill Core	6	9	1.44	342	0.218	<1	3.54	0.529	1.04	0.1	<0.01	3.5	0.3	0.14	7	<0.5	<0.2
1191357	Drill Core	7	8	0.87	242	0.190	<1	4.05	0.630	0.74	<0.1	<0.01	1.5	0.3	0.07	7	<0.5	<0.2
1191358	Drill Core	7	9	0.85	262	0.202	<1	4.37	0.683	0.90	<0.1	<0.01	1.4	0.5	<0.05	8	<0.5	<0.2
1191359	Drill Core	7	9	1.18	303	0.210	1	4.21	0.507	0.93	<0.1	<0.01	1.7	0.3	<0.05	8	<0.5	<0.2
1191360	Rock Pulp	8	59	0.95	257	0.067	3	1.16	0.063	0.16	2.5	0.88	3.7	0.2	1.20	4	1.9	0.7
1191361	Drill Core	8	9	1.20	238	0.194	<1	5.45	0.706	0.77	<0.1	<0.01	2.3	0.4	0.11	10	0.5	<0.2
1191362	Drill Core	23	13	0.44	21	0.003	<1	1.28	0.102	0.11	<0.1	<0.01	1.5	0.3	0.86	4	<0.5	<0.2
1191363	Drill Core	21	12	0.40	19	0.001	<1	1.15	0.089	0.10	<0.1	<0.01	1.2	0.3	0.69	3	<0.5	<0.2
1191364	Drill Core	21	9	0.32	20	<0.001	1	0.93	0.075	0.10	<0.1	0.02	1.0	0.3	0.69	3	<0.5	<0.2
1191365	Drill Core	23	10	0.33	19	<0.001	<1	0.82	0.064	0.10	<0.1	0.01	1.3	0.2	0.53	4	<0.5	<0.2
MAYAR1	Rock	15	9	1.16	123	0.181	<1	3.20	0.221	1.00	0.4	<0.01	4.6	1.2	0.18	9	0.7	<0.2



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QUALITY CONTROL REPORT

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Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
REP 1191288	QC		0.8	103.8	4.2	52	0.2	18.9	11.6	278	2.08	6.5	1.1	1.1	425	<0.1	1.1	<0.1	71	3.12	0.104
1191339	Drill Core	9.76	3.4	61.3	7.7	89	0.2	150.3	20.6	632	3.51	10.5	<0.5	1.3	233	0.6	0.4	<0.1	121	1.27	0.058
REP 1191339	QC		3.0	60.2	8.2	88	0.2	151.0	20.4	648	3.55	10.7	<0.5	1.3	229	0.6	0.4	<0.1	120	1.31	0.056
Core Reject Duplicates																					
1191288	Drill Core	9.67	1.0	109.2	4.4	52	0.2	18.5	11.4	287	2.15	5.9	0.9	1.1	445	<0.1	1.1	<0.1	73	3.24	0.102
DUP 1191288	QC		0.6	98.0	3.7	30	0.1	17.7	10.9	257	1.94	5.6	4.0	1.0	412	<0.1	0.4	<0.1	67	2.95	0.100
1191323	Drill Core	5.74	0.5	45.0	5.6	40	<0.1	27.7	13.8	360	2.57	1.0	<0.5	1.1	448	<0.1	0.1	<0.1	94	2.15	0.103
DUP 1191323	QC		0.6	49.8	6.1	44	<0.1	30.4	15.4	389	2.74	1.4	1.2	1.1	477	<0.1	0.1	<0.1	98	2.35	0.120
1191358	Drill Core	9.32	0.5	55.4	2.0	34	0.2	10.0	12.8	301	2.62	2.7	<0.5	1.0	285	<0.1	<0.1	<0.1	102	2.38	0.144
DUP 1191358	QC		0.4	52.9	2.2	34	0.2	10.2	12.0	291	2.63	3.4	0.5	1.0	299	<0.1	<0.1	<0.1	103	2.46	0.141
Reference Materials																					
STD DS8	Standard		13.7	108.7	141.7	333	1.9	38.0	7.5	656	2.54	26.9	121.0	7.5	72	2.1	6.0	7.0	41	0.70	0.085
STD DS8	Standard		13.7	104.6	132.5	310	1.9	36.6	7.7	628	2.43	27.0	125.0	6.9	75	2.3	5.7	6.2	40	0.69	0.082
STD DS8	Standard		13.9	106.5	109.4	314	1.8	37.7	7.6	610	2.43	27.9	101.0	6.4	59	2.2	5.2	5.6	39	0.69	0.078
STD DS8	Standard		13.7	111.3	116.3	315	1.8	37.2	7.0	619	2.50	27.9	115.5	7.0	69	2.4	5.4	6.0	40	0.74	0.077
STD DS8	Standard		12.5	100.3	114.3	284	1.6	36.1	7.0	585	2.34	24.1	94.3	6.5	55	2.0	4.6	5.3	38	0.66	0.073
STD DS8	Standard		12.5	100.0	112.3	288	1.5	35.2	7.1	597	2.30	24.0	101.3	6.7	59	2.2	4.7	5.3	37	0.66	0.071
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	<0.1	2.2	3.0	47	<0.1	3.2	3.9	533	1.86	6.7	4.6	4.7	56	<0.1	0.3	0.2	33	0.47	0.077
G1	Prep Blank	<0.01	0.1	2.5	2.9	53	<0.1	3.5	4.4	595	2.02	<0.5	<0.5	4.9	55	<0.1	<0.1	<0.1	35	0.45	0.086



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QUALITY CONTROL REPORT

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Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
REP 1191288	QC	6	19	0.78	216	0.163	<1	5.08	1.084	0.63	<0.1	<0.01	2.0	<0.1	<0.05	7	<0.5	<0.2
1191339	Drill Core	6	164	1.64	347	0.225	<1	4.04	0.334	1.44	0.1	<0.01	10.1	0.3	0.22	11	1.3	<0.2
REP 1191339	QC	5	167	1.62	346	0.226	<1	3.96	0.326	1.44	0.1	<0.01	9.7	0.3	0.23	11	1.0	<0.2
Core Reject Duplicates																		
1191288	Drill Core	6	19	0.78	230	0.167	<1	5.09	1.112	0.64	<0.1	<0.01	1.9	<0.1	<0.05	8	<0.5	<0.2
DUP 1191288	QC	6	16	0.72	205	0.159	<1	4.66	1.017	0.60	<0.1	<0.01	1.6	0.1	<0.05	7	<0.5	<0.2
1191323	Drill Core	7	53	1.01	288	0.186	<1	3.71	0.500	0.91	<0.1	<0.01	1.8	<0.1	<0.05	8	<0.5	<0.2
DUP 1191323	QC	7	56	1.11	304	0.210	<1	4.05	0.539	0.98	<0.1	<0.01	2.2	<0.1	<0.05	9	<0.5	<0.2
1191358	Drill Core	7	9	0.85	262	0.202	<1	4.37	0.683	0.90	<0.1	<0.01	1.4	0.5	<0.05	8	<0.5	<0.2
DUP 1191358	QC	7	9	0.84	267	0.203	1	4.53	0.712	0.87	<0.1	<0.01	1.4	0.4	<0.05	8	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	124	0.63	282	0.122	<1	0.95	0.083	0.40	3.1	0.21	1.7	5.9	0.16	5	5.7	5.5
STD DS8	Standard	16	121	0.60	283	0.127	3	0.93	0.084	0.41	2.9	0.19	1.7	5.5	0.15	5	5.2	5.3
STD DS8	Standard	14	116	0.60	271	0.115	2	0.90	0.084	0.41	2.7	0.19	2.0	4.7	0.16	5	5.8	4.6
STD DS8	Standard	15	116	0.62	276	0.121	3	0.97	0.089	0.42	3.0	0.18	2.0	4.9	0.16	5	4.6	5.0
STD DS8	Standard	15	111	0.58	269	0.108	3	0.88	0.086	0.39	3.0	0.15	1.8	4.9	0.15	5	4.9	5.2
STD DS8	Standard	15	116	0.58	259	0.115	3	0.88	0.086	0.38	2.6	0.18	2.0	4.7	0.15	5	4.9	4.8
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank	10	7	0.54	223	0.128	<1	0.94	0.072	0.48	0.1	<0.01	1.8	0.2	<0.05	5	<0.5	<0.2
G1	Prep Blank	8	8	0.58	235	0.119	<1	0.99	0.069	0.51	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2



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Client: Gold Reach Resources

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Submitted By: Bob Krause

Receiving Lab: Canada-Vancouver

Received: June 24, 2011

Report Date: July 14, 2011

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CERTIFICATE OF ANALYSIS

VAN11002766.1

CLIENT JOB INFORMATION

Project: Auro
Shipment ID:
P.O. Number
Number of Samples: 108

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	97	Crush split and pulverize 250g drill core to 200 mesh			VAN
1DX2	105	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

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

ADDITIONAL COMMENTS

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

Invoice To: Gold Reach Resources
888 - 700 West Georgia Street
Vancouver BC V7Y 1G5
Canada

CC: Shane Ebert
Jim Cuttle



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Auro
 Report Date: July 14, 2011

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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1116617	Drill Core	9.02	7.4	127.3	3.2	24	0.2	12.1	11.4	202	1.97	5.1	1.5	10.5	37	0.1	0.3	0.3	52	0.65	0.082
1116618	Drill Core	2.90	6.5	103.6	9.8	134	0.2	178.0	22.9	550	3.97	36.3	9.2	1.8	55	0.2	0.8	<0.1	129	1.02	0.050
1116619	Drill Core	7.54	4.5	39.0	5.4	159	0.2	188.0	22.8	689	4.22	10.8	3.8	1.4	69	0.2	0.4	<0.1	148	0.85	0.056
1116620	Rock Pulp	0.09	2.9	21.7	2.3	34	0.5	18.0	7.6	270	1.72	2.4	4.0	1.0	28	0.3	0.3	<0.1	45	0.65	0.047
1116621	Drill Core	4.34	2.9	63.4	14.3	144	0.2	188.7	23.8	624	4.26	20.2	7.3	2.4	32	0.3	1.1	<0.1	121	0.82	0.089
1116622	Drill Core	4.08	2.7	65.7	4.8	127	0.2	199.1	24.0	503	4.15	47.4	2.1	1.5	30	0.1	1.2	0.1	134	0.64	0.042
1116623	Drill Core	2.38	18.9	75.1	4.8	56	0.2	11.7	9.2	205	1.73	26.7	0.6	8.7	22	0.1	1.3	0.2	38	0.34	0.055
1116624	Drill Core	5.86	3.0	66.4	3.3	132	0.2	198.6	24.0	447	4.21	41.6	3.1	1.1	182	0.2	1.5	0.1	147	0.69	0.072
1116625	Drill Core	5.74	6.4	58.5	8.5	131	0.3	200.1	24.8	383	3.98	124.8	1.8	1.0	73	0.2	2.1	0.1	137	0.78	0.049
1116626	Drill Core	4.90	3.9	54.2	6.5	121	0.2	209.1	25.4	435	3.77	51.7	2.0	0.9	64	0.2	0.9	0.5	133	1.01	0.040
1116627	Drill Core	8.25	3.5	54.6	6.5	97	0.2	186.7	23.2	458	3.48	95.8	1.8	1.7	189	<0.1	1.2	<0.1	115	2.03	0.081
1116628	Drill Core	7.10	3.5	40.3	3.5	80	0.1	74.8	19.3	483	3.69	53.1	4.0	1.8	81	<0.1	0.6	<0.1	122	1.16	0.093
1116629	Drill Core	7.70	1.1	91.7	2.7	89	0.2	30.7	30.7	635	5.05	77.6	17.8	1.2	91	<0.1	1.1	0.1	227	0.98	0.109
1116630	Rock Pulp	0.09	8.5	225.0	401.7	696	6.3	58.9	15.6	737	4.67	2245	1385	1.8	65	4.2	67.6	2.3	47	1.66	0.056
1116631	Drill Core	8.08	0.4	114.8	3.0	64	0.2	27.6	26.1	595	4.19	46.2	11.7	1.8	128	0.1	2.5	0.1	136	1.99	0.092
1116632	Drill Core	9.75	3.0	41.7	3.6	35	<0.1	10.4	7.2	330	1.76	56.3	0.7	11.5	87	0.1	2.0	0.3	43	0.87	0.072
1116633	Drill Core	7.00	9.4	102.4	2.5	32	0.2	10.5	8.7	234	2.08	18.2	<0.5	10.4	43	0.1	1.2	0.1	52	0.57	0.078
1116634	Drill Core	7.97	3.8	7.8	2.1	20	<0.1	10.7	7.1	171	2.13	12.2	<0.5	10.0	46	<0.1	0.4	<0.1	55	0.59	0.077
1116635	Drill Core	9.56	3.1	38.6	2.0	24	<0.1	11.2	8.6	207	2.18	50.6	<0.5	10.8	61	<0.1	2.3	0.1	55	0.91	0.079
1116636	Drill Core	4.55	0.8	20.0	2.1	29	<0.1	10.6	7.7	228	2.16	4.6	<0.5	9.5	87	<0.1	0.2	0.1	55	0.84	0.077
1116637	Drill Core	6.04	0.5	32.3	2.5	27	<0.1	11.3	7.8	256	2.30	7.5	<0.5	8.9	74	<0.1	0.3	0.3	61	1.05	0.086
1116638	Drill Core	6.67	0.8	22.8	2.9	29	<0.1	12.2	8.2	237	2.23	3.9	<0.5	10.4	66	<0.1	0.2	0.2	63	1.07	0.086
1116639	Drill Core	6.68	0.8	16.5	3.0	36	<0.1	12.9	9.8	264	2.51	6.1	<0.5	8.1	76	<0.1	0.6	<0.1	70	1.31	0.095
1116640	Rock Pulp	0.09	3.4	22.7	1.9	32	0.4	19.5	7.7	267	1.69	6.0	0.8	0.9	28	0.2	0.3	<0.1	44	0.68	0.043
1116641	Drill Core	5.71	1.5	167.5	11.0	39	0.2	17.8	12.0	317	3.13	22.6	<0.5	7.6	80	0.2	1.6	1.0	86	1.20	0.122
1116642	Drill Core	5.46	1.8	42.9	5.5	24	<0.1	12.3	9.6	272	2.39	28.3	<0.5	7.2	143	<0.1	1.8	<0.1	61	1.77	0.094
1116643	Drill Core	5.57	2.8	49.8	2.5	23	<0.1	12.8	9.2	217	2.39	9.5	<0.5	5.7	91	<0.1	0.3	<0.1	66	0.99	0.098
1116644	Drill Core	8.06	1.2	59.2	3.3	65	0.2	27.3	22.4	640	3.94	46.7	<0.5	2.3	83	0.1	1.9	<0.1	132	1.66	0.081
1116645	Drill Core	7.03	0.9	58.8	5.0	80	0.2	48.1	22.3	699	3.87	36.2	<0.5	2.4	136	0.2	1.2	<0.1	128	1.77	0.093
1116646	Drill Core	7.15	1.1	39.6	6.4	122	0.2	119.6	22.0	760	4.07	27.8	1.8	1.5	147	0.1	1.1	<0.1	133	1.94	0.062

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Auro
 Report Date: July 14, 2011

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CERTIFICATE OF ANALYSIS

VAN11002766.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K ppm	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
1116617	Drill Core	10	21	0.64	199	0.155	<1	1.17	0.079	0.51	0.2	0.01	1.6	0.4	0.26	5	1.2	<0.2
1116618	Drill Core	5	229	1.92	222	0.232	<1	2.94	0.088	1.45	0.3	0.02	12.2	0.7	0.25	10	1.3	<0.2
1116619	Drill Core	5	217	2.15	361	0.252	<1	3.93	0.095	1.69	0.2	<0.01	14.3	0.6	0.09	10	0.6	<0.2
1116620	Rock Pulp	4	21	0.43	74	0.112	6	0.98	0.061	0.08	15.3	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
1116621	Drill Core	8	187	2.20	125	0.088	<1	3.52	0.069	0.71	0.1	0.02	10.6	0.2	0.20	10	0.8	<0.2
1116622	Drill Core	6	215	2.25	226	0.200	1	3.52	0.076	1.37	0.1	0.01	12.8	0.6	0.13	9	1.3	<0.2
1116623	Drill Core	10	15	0.52	123	0.103	<1	1.05	0.054	0.46	<0.1	0.01	2.9	0.3	0.22	4	1.0	<0.2
1116624	Drill Core	4	226	2.15	449	0.272	<1	3.98	0.080	1.57	0.2	0.02	14.2	0.4	0.28	10	1.5	<0.2
1116625	Drill Core	3	233	2.30	371	0.206	<1	3.99	0.068	1.39	0.2	0.16	13.2	0.4	0.41	10	0.6	<0.2
1116626	Drill Core	3	270	2.50	407	0.187	<1	3.94	0.108	1.38	0.2	0.06	12.8	0.5	0.37	10	0.6	0.2
1116627	Drill Core	6	217	2.01	462	0.191	2	4.59	0.209	1.20	<0.1	0.13	10.6	0.3	0.45	10	0.6	<0.2
1116628	Drill Core	6	116	1.88	566	0.257	2	3.04	0.239	1.24	<0.1	0.07	11.7	0.4	0.37	9	1.0	<0.2
1116629	Drill Core	5	17	2.19	130	0.338	<1	2.86	0.206	1.44	<0.1	0.09	14.4	0.6	1.04	8	1.0	<0.2
1116630	Rock Pulp	8	63	0.93	345	0.068	3	1.18	0.079	0.17	2.6	0.95	4.8	0.2	1.24	4	1.4	0.8
1116631	Drill Core	7	35	1.48	189	0.251	<1	2.98	0.226	0.93	<0.1	0.03	10.2	0.3	1.12	7	0.9	<0.2
1116632	Drill Core	14	16	0.53	174	0.145	<1	1.23	0.096	0.47	<0.1	0.13	1.8	0.3	0.14	5	<0.5	<0.2
1116633	Drill Core	12	19	0.56	151	0.122	<1	1.12	0.087	0.44	<0.1	0.03	1.9	0.3	0.11	5	<0.5	<0.2
1116634	Drill Core	10	22	0.58	191	0.167	<1	0.99	0.086	0.45	0.1	0.02	1.2	0.2	<0.05	5	<0.5	<0.2
1116635	Drill Core	12	22	0.60	180	0.157	<1	1.23	0.105	0.47	0.2	0.12	1.7	0.3	0.10	5	<0.5	<0.2
1116636	Drill Core	11	22	0.61	184	0.141	<1	1.23	0.106	0.41	<0.1	<0.01	1.6	0.2	<0.05	5	<0.5	<0.2
1116637	Drill Core	11	24	0.65	186	0.161	<1	1.47	0.125	0.46	0.1	<0.01	1.6	0.2	<0.05	5	<0.5	<0.2
1116638	Drill Core	11	28	0.63	217	0.175	<1	1.81	0.164	0.48	0.1	<0.01	1.4	0.2	<0.05	5	<0.5	<0.2
1116639	Drill Core	12	29	0.71	210	0.178	<1	2.10	0.172	0.53	<0.1	<0.01	1.8	0.2	<0.05	6	0.5	<0.2
1116640	Rock Pulp	4	26	0.43	73	0.117	3	1.00	0.065	0.08	13.9	0.03	3.3	<0.1	<0.05	4	0.9	<0.2
1116641	Drill Core	16	36	0.85	223	0.158	<1	2.07	0.142	0.50	<0.1	0.03	3.4	0.4	0.13	7	<0.5	0.4
1116642	Drill Core	15	24	0.71	186	0.141	<1	3.04	0.255	0.41	<0.1	0.02	2.4	0.3	0.13	7	<0.5	<0.2
1116643	Drill Core	11	28	0.60	167	0.149	<1	1.53	0.131	0.39	<0.1	<0.01	1.7	0.2	0.06	5	<0.5	<0.2
1116644	Drill Core	7	38	1.42	210	0.266	<1	2.57	0.178	0.80	<0.1	0.01	7.7	0.2	0.69	7	0.7	<0.2
1116645	Drill Core	8	70	1.49	386	0.251	<1	2.97	0.232	0.83	<0.1	<0.01	7.5	0.2	0.45	7	0.5	<0.2
1116646	Drill Core	6	194	1.98	236	0.248	<1	4.60	0.280	1.13	0.1	<0.01	10.6	0.3	0.36	10	0.7	<0.2



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Project: Auro
 Report Date: July 14, 2011

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CERTIFICATE OF ANALYSIS

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Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1116647	Drill Core	4.04	1.3	37.8	6.2	103	0.2	138.2	18.4	730	3.30	29.4	1.2	1.0	395	0.3	0.8	<0.1	95	2.49	0.062
1116648	Drill Core	6.80	1.6	36.9	4.9	112	0.2	120.5	20.0	554	3.67	13.3	1.1	0.8	251	0.2	0.4	<0.1	121	1.14	0.041
1116649	Drill Core	7.00	1.5	55.0	3.8	105	0.3	114.2	21.3	365	3.77	11.8	1.2	1.0	454	0.2	0.3	<0.1	119	1.32	0.082
1116650	Rock Pulp	0.09	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1116651	Drill Core	6.19	1.2	46.2	4.1	107	0.2	97.7	17.2	557	3.70	15.4	0.6	1.9	270	0.2	0.3	<0.1	110	1.43	0.042
1116652	Drill Core	2.35	1.1	38.0	6.4	137	0.2	108.4	22.4	561	4.60	20.8	3.4	0.6	181	<0.1	0.3	<0.1	132	1.14	0.040
1116653	Drill Core	7.03	1.8	30.0	3.1	55	0.2	115.0	12.9	294	2.07	24.7	3.4	1.1	135	0.2	0.7	<0.1	55	1.86	0.068
1116654	Drill Core	7.64	2.0	54.8	3.6	93	0.4	243.5	26.7	436	4.46	12.9	6.0	0.8	40	0.2	0.4	0.1	131	1.19	0.046
1116655	Drill Core	7.90	3.0	78.0	1.9	68	0.3	231.5	25.9	322	3.99	5.2	2.7	1.2	139	0.1	0.2	0.1	103	1.96	0.068
1116656	Drill Core	7.92	2.3	735.8	8.4	72	1.0	157.0	17.9	354	2.96	35.6	3.0	2.3	109	0.1	0.5	8.6	86	2.17	0.091
1116657	Drill Core	8.45	1.8	35.2	3.2	114	0.1	132.5	19.2	358	3.85	15.4	2.1	1.0	163	<0.1	0.4	0.1	132	0.94	0.040
1116658	Drill Core	4.52	0.7	41.9	5.4	149	0.2	105.7	20.3	482	4.59	1.7	1.8	0.5	202	0.2	0.5	0.2	141	1.67	0.075
1116659	Drill Core	9.15	1.0	32.9	3.9	67	0.2	90.9	16.4	424	2.84	7.8	1.1	1.2	166	0.2	0.4	0.1	76	2.88	0.065
1116660	Rock Pulp	0.10	3.1	26.8	4.5	39	0.5	22.8	9.5	579	3.89	6.8	3.1	1.2	92	0.2	0.6	0.1	62	1.14	0.044
1116661	Drill Core	4.86	0.5	21.8	8.2	73	<0.1	97.6	15.9	382	2.71	12.4	<0.5	1.3	87	0.4	0.3	<0.1	80	1.49	0.088
1116662	Drill Core	10.18	1.1	38.0	3.5	109	0.1	113.1	19.5	466	3.84	5.8	1.3	0.7	81	0.1	0.4	0.1	134	1.08	0.062
1116663	Drill Core	6.66	1.8	32.6	2.8	128	0.1	116.1	22.8	319	4.59	5.6	1.1	0.6	74	0.3	0.6	0.1	137	0.56	0.065
1116664	Drill Core	9.40	2.5	83.1	3.5	96	0.2	89.6	20.5	406	4.17	16.1	2.4	1.6	124	0.2	0.5	0.1	131	1.40	0.086
1116665	Drill Core	7.07	1.1	75.8	1.1	98	0.1	9.9	19.3	579	4.24	7.0	2.9	4.6	40	<0.1	0.1	<0.1	154	0.93	0.211
1116666	Drill Core	9.60	1.1	256.2	3.1	82	0.3	15.8	24.1	426	4.10	12.3	10.6	3.0	92	0.2	0.5	0.3	132	1.65	0.213
1116667	Drill Core	7.73	0.9	178.0	1.7	105	0.2	34.1	25.0	554	4.54	13.1	15.2	2.5	91	0.1	0.3	0.5	187	1.57	0.186
1116668	Drill Core	9.17	0.7	120.3	2.3	114	0.2	20.8	20.4	520	4.05	2.6	4.4	2.8	64	0.3	0.1	<0.1	167	1.07	0.194
1116669	Drill Core	8.30	0.8	104.0	0.8	97	0.1	24.2	20.7	581	4.13	3.5	3.5	2.8	51	<0.1	0.1	<0.1	170	0.98	0.181
1116670	Rock Pulp	0.09	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1116671	Drill Core	8.90	1.1	105.1	1.0	88	0.2	41.6	25.4	433	3.97	7.6	3.3	2.2	104	<0.1	0.3	<0.1	163	1.11	0.177
1116672	Drill Core	8.91	1.1	92.9	1.4	101	0.1	29.8	21.9	480	3.82	9.3	4.1	2.4	102	0.1	0.2	<0.1	148	1.14	0.171
1116673	Drill Core	9.31	1.2	201.3	1.6	91	0.2	18.8	17.9	566	3.86	6.2	3.1	3.1	60	0.1	0.2	<0.1	147	1.15	0.194
1116674	Drill Core	2.65	5.6	68.0	3.8	59	0.1	69.2	14.8	329	2.72	26.0	1.2	6.0	122	<0.1	0.6	1.0	94	1.28	0.062
1116675	Drill Core	6.00	3.6	16.4	2.8	33	<0.1	8.7	6.9	273	1.82	3.1	<0.5	11.3	18	<0.1	0.1	0.2	47	0.42	0.079
1116676	Drill Core	5.70	23.8	37.0	4.6	32	0.4	12.4	7.5	266	1.74	12.4	<0.5	10.1	56	<0.1	0.4	36.7	42	0.69	0.060

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	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
1116647	Drill Core	5	198	1.92	149	0.168	<1	4.85	0.215	0.69	0.2	<0.01	10.2	0.2	0.38	10	0.8	<0.2
1116648	Drill Core	4	232	1.96	207	0.220	<1	4.01	0.166	0.80	0.1	<0.01	11.7	0.2	0.49	10	0.9	<0.2
1116649	Drill Core	4	150	1.44	223	0.232	1	4.56	0.218	1.09	0.2	<0.01	12.0	0.3	0.69	9	0.9	0.2
1116650	Rock Pulp	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1116651	Drill Core	4	184	1.53	199	0.227	<1	3.93	0.219	0.98	0.2	<0.01	11.2	0.2	0.57	9	0.7	<0.2
1116652	Drill Core	3	186	1.83	197	0.230	<1	4.64	0.280	1.20	0.1	<0.01	14.6	0.4	0.40	12	0.9	<0.2
1116653	Drill Core	5	145	0.61	74	0.119	3	2.96	0.254	0.40	0.1	<0.01	3.8	0.1	0.56	7	<0.5	<0.2
1116654	Drill Core	3	578	1.66	88	0.247	2	3.24	0.232	1.06	0.2	<0.01	12.0	0.4	1.98	10	1.2	<0.2
1116655	Drill Core	4	417	1.22	176	0.187	3	4.08	0.403	0.97	0.1	<0.01	8.4	0.3	1.27	10	1.1	0.2
1116656	Drill Core	5	251	1.15	128	0.133	3	3.98	0.283	0.73	0.1	<0.01	7.3	0.2	0.63	9	0.5	<0.2
1116657	Drill Core	3	201	1.70	228	0.259	2	4.35	0.278	1.42	0.2	<0.01	12.9	0.4	0.32	10	<0.5	<0.2
1116658	Drill Core	3	125	1.72	152	0.305	4	5.39	0.452	1.58	0.2	<0.01	16.2	0.4	0.96	12	0.5	<0.2
1116659	Drill Core	5	155	0.96	77	0.174	3	4.08	0.427	0.72	0.2	<0.01	6.8	0.2	0.88	9	0.8	<0.2
1116660	Rock Pulp	6	35	0.58	210	0.158	12	2.21	0.506	0.37	10.6	0.02	5.4	<0.1	<0.05	6	<0.5	<0.2
1116661	Drill Core	4	178	1.19	176	0.169	2	3.29	0.297	0.91	0.1	<0.01	7.8	0.3	0.25	9	0.5	<0.2
1116662	Drill Core	3	183	1.60	238	0.263	2	4.33	0.297	1.53	0.2	<0.01	13.5	0.4	0.42	10	0.8	<0.2
1116663	Drill Core	3	185	1.70	191	0.278	<1	4.40	0.153	1.55	0.2	<0.01	14.1	0.4	0.56	10	<0.5	<0.2
1116664	Drill Core	4	143	1.38	136	0.225	2	4.23	0.311	1.30	0.2	<0.01	12.2	0.4	0.94	10	0.9	<0.2
1116665	Drill Core	12	13	1.22	383	0.313	<1	2.32	0.153	1.31	0.2	<0.01	4.5	0.4	0.48	8	<0.5	<0.2
1116666	Drill Core	12	19	0.91	201	0.259	<1	2.73	0.251	0.94	0.2	<0.01	4.0	0.3	1.11	7	<0.5	<0.2
1116667	Drill Core	8	49	1.44	248	0.355	<1	2.95	0.171	1.25	0.1	<0.01	5.8	0.3	1.01	8	0.6	0.2
1116668	Drill Core	9	32	1.42	392	0.339	<1	2.42	0.153	1.52	0.2	<0.01	4.0	0.3	0.28	8	<0.5	<0.2
1116669	Drill Core	9	44	1.58	722	0.360	1	2.42	0.118	1.56	0.2	<0.01	5.0	0.3	0.18	8	<0.5	<0.2
1116670	Rock Pulp	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1116671	Drill Core	9	78	1.61	685	0.338	<1	2.58	0.160	1.37	0.1	<0.01	4.7	0.3	0.30	8	<0.5	<0.2
1116672	Drill Core	9	59	1.44	609	0.327	<1	2.42	0.187	1.44	0.1	<0.01	3.8	0.3	0.26	7	<0.5	<0.2
1116673	Drill Core	9	24	1.31	552	0.326	<1	2.55	0.180	1.40	0.1	<0.01	3.6	0.3	0.30	7	<0.5	<0.2
1116674	Drill Core	9	101	1.09	148	0.155	<1	2.68	0.221	0.54	0.1	<0.01	6.9	0.3	0.38	8	<0.5	<0.2
1116675	Drill Core	12	15	0.55	200	0.198	<1	0.98	0.098	0.63	0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2
1116676	Drill Core	12	21	0.56	147	0.147	<1	1.07	0.066	0.49	0.5	<0.01	2.6	0.4	0.13	5	<0.5	3.4



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Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1116677	Drill Core	7.62	5.1	69.7	2.7	106	<0.1	174.7	22.3	441	4.50	44.4	1.4	1.5	53	<0.1	0.6	0.4	134	0.59	0.072
1116678	Drill Core	3.63	5.6	43.1	3.2	60	0.1	149.1	19.4	355	3.71	52.3	<0.5	4.6	50	<0.1	0.7	0.4	111	0.74	0.059
1116679	Drill Core	5.55	5.0	50.0	3.2	26	<0.1	9.2	7.4	256	1.94	10.4	<0.5	7.2	30	<0.1	0.2	<0.1	49	1.24	0.074
1116680	Rock Pulp	0.10	3.9	26.3	7.8	35	0.4	24.8	10.4	792	5.63	4.6	<0.5	1.2	80	0.5	0.5	0.2	60	1.10	0.043
1116681	Drill Core	7.52	4.3	109.6	2.7	36	0.1	11.9	10.3	298	2.42	10.3	<0.5	7.9	115	<0.1	0.4	<0.1	66	0.95	0.108
1116682	Drill Core	7.06	58.3	152.1	3.4	37	0.2	10.8	9.1	272	1.83	15.4	104.3	9.0	59	<0.1	0.5	32.0	52	1.02	0.083
1116683	Drill Core	3.99	26.3	70.2	2.6	72	<0.1	111.2	16.2	387	3.80	24.7	2.5	3.4	32	<0.1	1.1	0.1	108	0.91	0.105
1116684	Drill Core	5.91	9.9	92.8	2.8	86	0.1	104.6	13.5	312	3.04	126.2	3.4	6.2	19	<0.1	1.1	0.2	85	0.35	0.047
1116685	Drill Core	6.81	3.2	75.6	2.9	117	0.1	109.2	16.8	389	4.34	5.7	1.3	1.1	33	0.2	0.3	0.2	119	0.68	0.095
1116686	Drill Core	5.46	4.6	16.2	3.1	39	<0.1	9.6	7.6	297	1.89	7.4	<0.5	9.1	21	<0.1	0.3	<0.1	51	0.40	0.074
1116687	Drill Core	8.27	3.9	43.7	2.0	134	0.1	94.2	18.9	344	4.84	8.3	0.7	1.1	52	0.1	0.6	0.2	138	1.12	0.122
1116688	Drill Core	6.73	5.3	51.3	1.8	33	<0.1	21.0	5.8	604	0.90	6.1	1.3	4.5	573	0.2	0.5	<0.1	17	7.56	0.068
1116689	Drill Core	5.83	0.7	12.8	1.7	25	<0.1	42.1	4.7	175	0.73	13.7	2.2	1.9	133	<0.1	0.3	<0.1	18	3.25	0.074
1116690	Rock Pulp	0.10	8.5	196.3	410.2	614	6.0	56.3	14.2	1108	7.69	2017	688.4	2.3	111	3.4	69.5	2.5	71	1.77	0.051
1116691	Drill Core	9.46	0.6	19.0	1.5	22	<0.1	35.4	3.6	217	0.56	20.3	2.0	1.8	338	0.1	0.6	<0.1	14	4.20	0.079
1116692	Drill Core	9.15	1.6	20.1	2.5	32	0.1	54.0	7.4	223	1.16	21.2	4.1	1.8	400	0.1	0.8	<0.1	22	3.98	0.063
1116693	Drill Core	9.66	8.5	68.4	2.4	67	0.2	111.3	16.4	284	2.74	45.6	2.3	2.0	155	<0.1	2.9	0.1	84	1.44	0.046
1116694	Drill Core	8.48	85.0	541.9	2.7	44	0.5	20.2	15.5	287	2.34	4.7	4.7	8.9	25	<0.1	0.3	1.5	78	0.54	0.095
1116695	Drill Core	8.33	10.8	59.1	1.3	87	<0.1	148.7	17.4	327	3.48	12.8	4.5	1.7	31	<0.1	0.3	0.4	118	0.33	0.060
1116696	Drill Core	6.87	43.6	90.8	1.9	79	<0.1	129.0	17.2	339	3.55	10.4	2.4	2.2	20	<0.1	0.3	0.2	119	0.31	0.049
1116697	Drill Core	7.27	44.9	509.6	2.8	30	0.6	10.4	8.6	235	2.27	1.1	3.8	10.9	20	0.1	<0.1	0.2	56	0.62	0.075
1116698	Drill Core	7.68	3.8	218.4	2.6	23	0.2	9.9	7.3	193	1.95	1.2	0.7	8.0	19	<0.1	<0.1	0.1	51	0.36	0.065
1116699	Drill Core	2.08	8.2	156.9	3.8	8	0.2	0.8	0.9	74	0.35	1.5	1.3	34.9	12	<0.1	0.1	0.1	4	0.42	0.004
1116700	Rock Pulp	0.10	3.5	26.9	3.3	32	0.4	20.2	8.5	777	5.69	5.4	1.0	1.4	90	0.1	0.7	<0.1	56	1.09	0.035
1116701	Drill Core	8.51	4.4	100.1	3.7	29	0.1	10.7	8.2	241	2.27	1.1	1.7	9.4	35	0.1	<0.1	0.1	58	0.53	0.076
1116702	Drill Core	8.70	16.8	103.3	2.4	22	<0.1	9.8	7.0	192	2.13	0.6	0.9	8.6	24	<0.1	<0.1	<0.1	57	0.41	0.071
1116703	Drill Core	8.66	2.9	227.2	2.7	25	0.2	11.3	7.9	212	2.28	0.8	<0.5	9.2	27	<0.1	<0.1	0.1	60	0.47	0.077
1116704	Drill Core	8.80	3.2	140.9	2.8	23	0.2	8.6	7.6	206	2.04	1.3	0.6	12.6	28	<0.1	<0.1	0.1	54	0.55	0.068
1116705	Drill Core	8.49	28.1	194.1	2.8	27	0.2	10.6	8.0	233	2.26	1.6	0.6	9.2	25	<0.1	0.1	0.1	60	0.58	0.080
1116706	Drill Core	6.34	10.3	90.2	2.2	27	0.1	12.0	7.9	226	2.26	1.0	<0.5	9.6	44	<0.1	<0.1	0.1	60	0.59	0.078

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	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1116677	Drill Core	5	208	2.19	250	0.234	<1	3.60	0.083	1.51	0.3	0.01	12.8	0.9	0.67	9	0.6	<0.2
1116678	Drill Core	6	176	1.89	267	0.191	<1	3.20	0.062	1.36	0.3	<0.01	10.8	0.9	0.22	9	<0.5	<0.2
1116679	Drill Core	11	15	0.60	163	0.154	<1	1.00	0.067	0.41	0.1	<0.01	2.3	0.2	0.13	5	<0.5	<0.2
1116680	Rock Pulp	6	42	0.57	198	0.158	7	2.09	0.450	0.33	10.7	0.02	5.3	<0.1	<0.05	6	<0.5	<0.2
1116681	Drill Core	13	25	0.73	215	0.188	<1	1.23	0.092	0.52	0.1	0.03	2.6	0.3	0.11	5	<0.5	<0.2
1116682	Drill Core	13	19	0.65	205	0.179	<1	1.42	0.107	0.53	0.2	<0.01	2.6	0.3	0.11	5	<0.5	1.1
1116683	Drill Core	6	148	1.69	203	0.223	<1	3.39	0.131	1.35	0.4	0.01	11.1	1.0	0.20	9	0.6	<0.2
1116684	Drill Core	6	127	1.19	206	0.176	<1	2.22	0.075	1.10	0.5	<0.01	8.9	0.9	0.26	7	<0.5	<0.2
1116685	Drill Core	4	165	1.64	254	0.277	<1	3.47	0.124	1.55	0.8	<0.01	12.9	0.6	0.70	9	<0.5	<0.2
1116686	Drill Core	10	18	0.67	241	0.240	<1	1.07	0.099	0.80	0.5	<0.01	2.4	0.4	<0.05	5	<0.5	<0.2
1116687	Drill Core	5	154	1.43	297	0.322	<1	3.59	0.156	1.50	0.3	<0.01	12.8	0.4	0.64	10	<0.5	<0.2
1116688	Drill Core	10	24	0.43	63	0.046	<1	2.30	0.268	0.06	0.2	<0.01	1.5	<0.1	0.07	4	0.7	<0.2
1116689	Drill Core	10	45	0.17	56	0.085	2	2.07	0.240	0.09	0.7	<0.01	0.7	<0.1	0.06	5	<0.5	<0.2
1116690	Rock Pulp	10	84	1.02	501	0.097	12	2.57	0.381	0.64	2.2	0.80	6.5	0.4	1.12	8	1.2	0.4
1116691	Drill Core	11	32	0.14	66	0.071	3	2.36	0.320	0.08	0.2	<0.01	0.7	<0.1	<0.05	5	<0.5	<0.2
1116692	Drill Core	9	49	0.28	69	0.082	1	2.38	0.347	0.11	0.2	<0.01	1.3	<0.1	0.31	5	<0.5	<0.2
1116693	Drill Core	5	186	1.00	144	0.154	<1	2.57	0.198	0.60	0.3	0.01	6.4	0.3	0.90	7	0.9	<0.2
1116694	Drill Core	11	32	0.99	372	0.261	<1	1.35	0.101	0.87	1.2	0.02	3.6	0.5	0.18	7	1.4	0.4
1116695	Drill Core	4	220	1.98	231	0.182	<1	3.02	0.078	1.25	0.2	<0.01	9.4	0.9	0.29	8	1.1	<0.2
1116696	Drill Core	6	180	1.87	170	0.173	<1	2.78	0.073	1.14	0.3	<0.01	8.7	0.8	0.29	8	1.0	<0.2
1116697	Drill Core	13	22	0.68	176	0.173	<1	0.86	0.077	0.48	0.3	<0.01	1.9	0.3	0.10	5	0.8	<0.2
1116698	Drill Core	10	21	0.63	171	0.155	<1	0.78	0.081	0.44	0.3	<0.01	1.4	0.2	<0.05	4	<0.5	<0.2
1116699	Drill Core	5	2	0.05	19	0.006	<1	0.21	0.045	0.12	0.2	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1116700	Rock Pulp	6	38	0.50	192	0.147	6	2.02	0.512	0.33	9.0	0.02	5.0	<0.1	<0.05	6	<0.5	<0.2
1116701	Drill Core	12	26	0.64	205	0.178	<1	0.83	0.098	0.53	0.3	<0.01	1.8	0.2	<0.05	4	<0.5	<0.2
1116702	Drill Core	11	22	0.59	189	0.169	<1	0.75	0.099	0.45	0.3	<0.01	1.3	0.2	<0.05	4	<0.5	<0.2
1116703	Drill Core	12	25	0.61	206	0.178	<1	0.76	0.095	0.48	0.4	<0.01	1.4	0.3	<0.05	4	<0.5	<0.2
1116704	Drill Core	11	21	0.53	182	0.152	<1	0.70	0.094	0.44	0.3	<0.01	1.5	0.2	<0.05	3	0.5	<0.2
1116705	Drill Core	13	24	0.62	199	0.177	<1	0.80	0.102	0.48	0.4	<0.01	1.7	0.3	<0.05	4	<0.5	<0.2
1116706	Drill Core	12	32	0.64	227	0.179	<1	0.83	0.097	0.49	0.3	<0.01	1.7	0.2	<0.05	4	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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CERTIFICATE OF ANALYSIS

VAN11002766.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1116707	Drill Core	9.78	12.1	57.2	2.1	22	<0.1	10.6	7.8	231	2.29	2.3	<0.5	9.1	27	<0.1	0.1	0.1	58	0.60	0.077
1116708	Drill Core	8.04	8.1	154.5	2.6	26	0.1	12.1	8.9	281	2.29	14.6	0.9	9.5	39	<0.1	3.4	0.1	55	1.26	0.085
1116709	Drill Core	7.39	14.0	49.6	2.2	25	<0.1	10.7	8.1	260	2.41	11.4	<0.5	9.2	37	<0.1	1.2	0.1	58	1.09	0.085
1116710	Rock Pulp	0.09	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1116711	Drill Core	8.59	10.3	76.7	2.6	24	<0.1	10.3	7.6	216	2.23	0.9	<0.5	8.4	20	<0.1	0.1	0.1	59	0.46	0.077
1116712	Drill Core	6.52	10.5	60.2	2.9	25	<0.1	10.6	7.9	235	2.33	2.8	1.0	8.4	21	<0.1	0.3	0.1	60	0.65	0.076
1116713	Drill Core	9.54	33.5	51.2	2.5	24	<0.1	11.3	7.9	241	2.36	0.6	1.3	8.5	28	<0.1	<0.1	0.1	63	0.48	0.080
1116714	Drill Core	8.80	63.8	46.8	2.2	26	<0.1	11.4	7.8	229	2.27	0.7	<0.5	8.7	22	<0.1	<0.1	0.2	61	0.45	0.082
1116715	Drill Core	8.83	42.5	98.0	2.1	29	<0.1	11.4	8.2	258	2.28	0.7	<0.5	8.3	24	<0.1	0.1	0.1	58	0.77	0.071
1116716	Drill Core	5.09	79.8	45.6	1.9	27	<0.1	10.9	7.9	240	2.27	1.6	<0.5	9.2	67	<0.1	0.1	0.1	60	0.59	0.082
1116717	Drill Core	8.67	23.4	16.5	1.8	24	<0.1	10.6	7.6	236	2.30	0.9	<0.5	8.1	28	<0.1	0.1	0.1	58	0.59	0.077
1116718	Drill Core	8.01	6.8	13.2	1.9	26	<0.1	9.8	7.1	222	2.10	0.7	<0.5	8.9	19	<0.1	<0.1	<0.1	56	0.39	0.074
1116719	Drill Core	7.41	69.7	99.4	2.4	26	0.1	10.4	7.8	221	2.24	1.1	2.2	9.6	42	<0.1	<0.1	0.1	58	0.49	0.078
1116720	Rock Pulp	0.09	2.5	18.1	2.6	29	0.4	16.5	6.9	261	1.59	2.7	2.0	0.9	28	0.2	0.3	<0.1	39	0.63	0.038
1116721	Drill Core	8.55	28.8	151.7	2.2	24	0.1	9.5	7.3	209	2.15	0.8	<0.5	7.9	29	<0.1	<0.1	<0.1	55	0.43	0.064
1116722	Drill Core	13.06	34.9	138.7	2.1	23	0.1	11.7	7.7	196	2.16	0.6	1.0	8.3	43	<0.1	<0.1	<0.1	56	0.43	0.058
1116723	Drill Core	7.56	35.7	29.9	2.4	23	<0.1	9.8	6.6	202	2.22	1.4	2.6	8.4	31	<0.1	0.2	<0.1	58	0.44	0.081
1116724	Drill Core	5.71	22.4	43.6	2.8	28	<0.1	9.1	6.8	232	2.19	1.0	0.7	8.9	30	<0.1	<0.1	<0.1	59	0.44	0.082



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CERTIFICATE OF ANALYSIS

VAN11002766.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1116707	Drill Core	12	24	0.61	197	0.161	<1	0.78	0.085	0.46	0.5	0.03	2.0	0.4	<0.05	4	0.5	<0.2
1116708	Drill Core	23	22	0.54	184	0.126	<1	0.90	0.073	0.42	0.5	0.16	3.2	0.9	0.10	4	<0.5	<0.2
1116709	Drill Core	17	22	0.55	191	0.143	<1	0.85	0.075	0.44	0.5	0.19	3.0	0.7	0.07	4	<0.5	<0.2
1116710	Rock Pulp	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1116711	Drill Core	11	31	0.65	192	0.176	<1	0.80	0.088	0.48	1.7	<0.01	1.5	0.2	<0.05	4	<0.5	<0.2
1116712	Drill Core	12	26	0.64	191	0.162	<1	0.83	0.080	0.48	0.2	0.02	1.7	0.2	<0.05	4	<0.5	<0.2
1116713	Drill Core	12	25	0.64	211	0.175	<1	0.79	0.104	0.52	0.2	<0.01	1.7	0.3	<0.05	4	<0.5	<0.2
1116714	Drill Core	12	32	0.63	192	0.173	<1	0.75	0.094	0.47	0.3	<0.01	1.4	0.2	<0.05	4	<0.5	<0.2
1116715	Drill Core	13	25	0.65	162	0.134	<1	0.78	0.075	0.40	0.3	<0.01	2.1	0.2	<0.05	4	<0.5	<0.2
1116716	Drill Core	12	29	0.71	228	0.176	<1	0.91	0.094	0.46	0.2	<0.01	1.6	0.2	<0.05	5	<0.5	<0.2
1116717	Drill Core	13	23	0.65	182	0.161	<1	0.78	0.088	0.44	0.2	<0.01	1.7	0.2	<0.05	4	<0.5	<0.2
1116718	Drill Core	10	29	0.56	184	0.167	<1	0.70	0.090	0.45	0.2	<0.01	1.1	0.2	<0.05	4	0.5	<0.2
1116719	Drill Core	11	25	0.62	211	0.190	<1	0.88	0.122	0.53	0.2	<0.01	1.5	0.2	<0.05	4	0.5	<0.2
1116720	Rock Pulp	4	23	0.41	66	0.105	3	0.95	0.053	0.07	12.7	0.02	2.7	<0.1	<0.05	3	<0.5	<0.2
1116721	Drill Core	10	22	0.57	177	0.154	<1	0.71	0.082	0.46	0.3	<0.01	1.4	0.2	<0.05	4	<0.5	<0.2
1116722	Drill Core	10	26	0.62	193	0.142	<1	0.74	0.075	0.47	0.2	<0.01	1.5	0.2	<0.05	4	<0.5	<0.2
1116723	Drill Core	12	25	0.64	182	0.167	1	0.80	0.081	0.48	0.2	<0.01	1.5	0.2	<0.05	4	<0.5	<0.2
1116724	Drill Core	11	20	0.60	208	0.156	<1	0.73	0.081	0.48	5.0	<0.01	1.4	0.2	<0.05	4	<0.5	<0.2



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QUALITY CONTROL REPORT

VAN11002766.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
1116633	Drill Core	7.00	9.4	102.4	2.5	32	0.2	10.5	8.7	234	2.08	18.2	<0.5	10.4	43	0.1	1.2	0.1	52	0.57	0.078
REP 1116633	QC		9.8	101.1	2.5	33	0.2	10.7	8.8	231	2.06	18.3	0.7	10.2	42	<0.1	1.2	0.1	51	0.57	0.078
1116658	Drill Core	4.52	0.7	41.9	5.4	149	0.2	105.7	20.3	482	4.59	1.7	1.8	0.5	202	0.2	0.5	0.2	141	1.67	0.075
REP 1116658	QC		0.7	41.5	5.5	149	0.2	105.6	20.2	489	4.59	2.0	1.4	0.5	203	0.2	0.5	0.2	141	1.66	0.075
1116718	Drill Core	8.01	6.8	13.2	1.9	26	<0.1	9.8	7.1	222	2.10	0.7	<0.5	8.9	19	<0.1	<0.1	<0.1	56	0.39	0.074
REP 1116718	QC		7.1	14.3	2.1	28	<0.1	10.9	7.3	233	2.24	0.8	<0.5	9.6	21	<0.1	<0.1	<0.1	58	0.40	0.077
1116724	Drill Core	5.71	22.4	43.6	2.8	28	<0.1	9.1	6.8	232	2.19	1.0	0.7	8.9	30	<0.1	<0.1	<0.1	59	0.44	0.082
REP 1116724	QC		21.8	44.5	2.3	24	<0.1	9.6	6.9	235	2.15	1.2	0.8	8.7	30	<0.1	<0.1	0.1	58	0.43	0.073
Core Reject Duplicates																					
1116639	Drill Core	6.68	0.8	16.5	3.0	36	<0.1	12.9	9.8	264	2.51	6.1	<0.5	8.1	76	<0.1	0.6	<0.1	70	1.31	0.095
DUP 1116639	QC		0.9	14.8	2.7	31	<0.1	11.9	9.0	252	2.47	7.1	<0.5	8.3	74	<0.1	0.5	<0.1	68	1.29	0.098
1116674	Drill Core	2.65	5.6	68.0	3.8	59	0.1	69.2	14.8	329	2.72	26.0	1.2	6.0	122	<0.1	0.6	1.0	94	1.28	0.062
DUP 1116674	QC		5.2	70.0	3.2	65	0.2	78.9	15.3	358	2.89	36.3	0.6	5.9	144	<0.1	0.7	1.5	99	1.36	0.066
1116709	Drill Core	7.39	14.0	49.6	2.2	25	<0.1	10.7	8.1	260	2.41	11.4	<0.5	9.2	37	<0.1	1.2	0.1	58	1.09	0.085
DUP 1116709	QC		22.6	65.0	2.0	24	<0.1	11.5	8.5	269	2.46	12.8	<0.5	9.0	37	<0.1	1.4	0.2	58	1.19	0.084
Reference Materials																					
STD DS8	Standard		13.1	111.3	128.8	314	1.6	40.3	7.6	593	2.42	25.4	107.3	6.8	59	2.3	4.6	5.6	42	0.70	0.078
STD DS8	Standard		14.1	112.4	124.5	305	1.7	40.0	7.8	590	2.43	26.1	109.7	6.5	61	2.2	4.5	5.5	42	0.71	0.079
STD DS8	Standard		13.1	108.1	121.9	317	1.8	39.6	8.1	607	2.45	27.2	102.1	6.5	63	2.3	5.5	6.5	40	0.71	0.085
STD DS8	Standard		14.1	110.5	123.2	323	1.8	39.1	8.1	632	2.51	27.5	106.9	6.5	65	2.4	5.4	6.4	42	0.72	0.085
STD DS8	Standard		13.0	102.9	120.7	294	1.6	34.7	7.2	564	2.32	24.3	98.6	6.7	63	1.9	5.7	6.4	39	0.68	0.070
STD DS8	Standard		13.1	106.9	120.6	294	1.7	37.4	7.2	561	2.39	24.2	107.2	6.8	63	2.2	5.5	6.4	38	0.67	0.074
STD DS8	Standard		12.4	102.9	129.9	300	1.7	36.1	6.8	589	2.40	27.1	114.6	7.0	71	2.2	6.0	7.0	40	0.68	0.077
STD DS8	Standard		12.1	98.6	128.4	319	1.8	35.7	6.9	638	2.35	26.5	129.7	7.1	70	2.3	5.7	6.6	39	0.64	0.078
STD DS8	Standard		13.2	106.0	128.1	314	1.7	37.0	7.5	606	2.40	25.8	110.0	7.0	68	2.5	5.6	6.6	40	0.74	0.078
STD DS8	Standard		13.2	103.5	126.2	308	1.8	36.6	7.4	611	2.39	25.2	109.7	6.8	68	2.2	5.3	6.5	40	0.72	0.075
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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QUALITY CONTROL REPORT

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Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
1116633	Drill Core	12	19	0.56	151	0.122	<1	1.12	0.087	0.44	<0.1	0.03	1.9	0.3	0.11	5	<0.5	<0.2
REP 1116633	QC	12	20	0.56	153	0.122	<1	1.11	0.086	0.43	0.1	0.04	2.0	0.3	0.11	5	<0.5	<0.2
1116658	Drill Core	3	125	1.72	152	0.305	4	5.39	0.452	1.58	0.2	<0.01	16.2	0.4	0.96	12	0.5	<0.2
REP 1116658	QC	3	124	1.75	150	0.310	3	5.50	0.464	1.59	0.2	<0.01	16.3	0.4	0.96	13	0.7	<0.2
1116718	Drill Core	10	29	0.56	184	0.167	<1	0.70	0.090	0.45	0.2	<0.01	1.1	0.2	<0.05	4	0.5	<0.2
REP 1116718	QC	11	31	0.60	199	0.183	<1	0.75	0.096	0.49	0.2	<0.01	1.3	0.2	<0.05	4	<0.5	<0.2
1116724	Drill Core	11	20	0.60	208	0.156	<1	0.73	0.081	0.48	5.0	<0.01	1.4	0.2	<0.05	4	<0.5	<0.2
REP 1116724	QC	11	21	0.59	197	0.164	<1	0.72	0.081	0.48	4.6	0.02	1.4	0.3	<0.05	4	<0.5	<0.2
Core Reject Duplicates																		
1116639	Drill Core	12	29	0.71	210	0.178	<1	2.10	0.172	0.53	<0.1	<0.01	1.8	0.2	<0.05	6	0.5	<0.2
DUP 1116639	QC	11	27	0.70	194	0.171	<1	2.05	0.172	0.47	0.1	<0.01	1.9	0.2	<0.05	6	<0.5	<0.2
1116674	Drill Core	9	101	1.09	148	0.155	<1	2.68	0.221	0.54	0.1	<0.01	6.9	0.3	0.38	8	<0.5	<0.2
DUP 1116674	QC	9	113	1.13	148	0.160	<1	2.85	0.248	0.54	<0.1	<0.01	7.4	0.3	0.37	8	<0.5	<0.2
1116709	Drill Core	17	22	0.55	191	0.143	<1	0.85	0.075	0.44	0.5	0.19	3.0	0.7	0.07	4	<0.5	<0.2
DUP 1116709	QC	17	22	0.56	194	0.139	1	0.88	0.074	0.43	0.4	0.19	3.2	0.8	0.09	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	118	0.58	260	0.119	3	0.92	0.102	0.41	2.8	0.18	2.2	5.0	0.16	4	4.9	4.6
STD DS8	Standard	14	121	0.59	261	0.118	3	0.94	0.104	0.41	2.8	0.18	2.1	5.1	0.16	5	5.4	5.3
STD DS8	Standard	14	116	0.62	282	0.115	4	0.90	0.087	0.42	3.0	0.19	2.0	5.3	0.16	4	5.3	4.8
STD DS8	Standard	15	122	0.63	284	0.120	4	0.96	0.091	0.43	3.0	0.19	2.1	5.3	0.16	5	4.7	4.9
STD DS8	Standard	14	112	0.57	253	0.110	3	0.88	0.084	0.38	2.8	0.22	1.9	4.8	0.15	4	5.2	5.0
STD DS8	Standard	15	115	0.58	253	0.113	2	0.87	0.084	0.39	2.8	0.18	1.9	5.0	0.15	4	4.8	5.2
STD DS8	Standard	15	111	0.59	276	0.111	4	0.91	0.085	0.43	3.2	0.21	2.1	5.6	0.15	5	5.1	5.1
STD DS8	Standard	15	113	0.59	283	0.109	2	0.88	0.078	0.41	3.2	0.22	2.0	5.6	0.15	5	5.8	5.6
STD DS8	Standard	15	116	0.62	278	0.122	2	0.94	0.090	0.41	3.0	0.19	2.0	5.4	0.16	5	7.0	5.6
STD DS8	Standard	15	114	0.60	276	0.120	2	0.93	0.090	0.41	3.2	0.23	2.2	5.5	0.16	4	5.8	5.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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Project: Auro

Report Date: July 14, 2011

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QUALITY CONTROL REPORT

VAN11002766.1

		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	0.1	2.7	6.2	46	<0.1	3.5	4.3	548	1.95	<0.5	4.7	4.8	70	<0.1	<0.1	0.1	35	0.45	0.075
G1	Prep Blank	<0.01	<0.1	2.6	7.3	48	<0.1	3.1	4.1	557	1.97	<0.5	3.4	5.2	72	<0.1	<0.1	0.1	35	0.47	0.076



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Project: Auro

Report Date: July 14, 2011

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QUALITY CONTROL REPORT

VAN11002766.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank	8	8	0.58	210	0.114	<1	0.98	0.076	0.49	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	9	8	0.57	209	0.114	2	0.96	0.075	0.49	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2



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Submitted By: Bob Krause

Receiving Lab: Canada-Vancouver

Received: June 29, 2011

Report Date: July 15, 2011

Page: 1 of 5

CERTIFICATE OF ANALYSIS

VAN11002862.1

CLIENT JOB INFORMATION

Project: Auro
Shipment ID:
P.O. Number
Number of Samples: 108

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	96	Crush split and pulverize 250g drill core to 200 mesh			VAN
1DX2	107	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

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

ADDITIONAL COMMENTS

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

Invoice To: Gold Reach Resources
888 - 700 West Georgia Street
Vancouver BC V7Y 1G5
Canada

CC: Shane Ebert
Jim Cuttle



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Auro
 Report Date: July 15, 2011

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CERTIFICATE OF ANALYSIS

VAN11002862.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1116725	Drill Core	7.75	0.8	192.1	3.9	61	0.2	29.2	19.0	529	3.55	<0.5	6.7	1.6	344	<0.1	0.2	<0.1	148	2.22	0.170
1116726	Drill Core	7.99	0.7	109.8	3.5	69	0.1	30.6	20.7	557	3.76	<0.5	4.1	1.6	238	<0.1	0.1	0.1	138	1.82	0.168
1116727	Drill Core	6.65	0.4	125.4	3.0	63	0.2	29.4	18.3	533	3.51	<0.5	7.4	1.7	304	<0.1	0.2	1.2	128	2.15	0.174
1116728	Drill Core	9.55	0.4	133.7	3.3	60	0.2	30.7	20.3	534	3.74	<0.5	3.1	1.7	327	<0.1	0.1	<0.1	150	1.97	0.176
1116729	Drill Core	7.87	0.7	117.6	2.4	57	0.1	30.4	20.1	507	3.61	<0.5	2.5	1.7	321	<0.1	<0.1	<0.1	146	2.92	0.163
1116730	Rock Pulp	0.09	8.6	219.3	412.3	701	5.2	59.4	15.8	767	4.93	2317	1224	1.7	67	4.8	76.3	2.6	46	1.71	0.058
1116731	Drill Core	5.41	0.4	156.9	2.4	69	0.2	30.8	20.6	666	3.83	<0.5	2.5	1.7	221	<0.1	<0.1	<0.1	158	1.79	0.161
1116732	Drill Core	8.34	0.3	227.6	8.5	95	0.4	20.7	19.9	680	3.68	0.9	4.1	1.7	506	0.3	0.3	<0.1	136	2.79	0.160
1116733	Drill Core	8.44	0.7	135.0	4.8	117	0.3	20.3	20.0	600	3.70	1.2	2.7	1.8	386	0.5	0.2	0.3	143	2.70	0.167
1116734	Drill Core	8.02	0.3	143.2	8.5	68	0.2	18.3	18.1	557	3.53	<0.5	1.2	1.9	407	0.1	0.1	<0.1	136	2.46	0.166
1116735	Drill Core	5.63	0.1	95.1	5.5	66	0.2	18.5	18.0	561	3.58	<0.5	3.3	1.8	309	<0.1	<0.1	<0.1	138	2.21	0.166
1116736	Drill Core	7.72	0.1	117.0	7.3	72	0.2	17.8	17.5	544	3.51	<0.5	5.2	1.9	437	0.1	<0.1	<0.1	136	2.35	0.164
1116737	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1116738	Drill Core	8.78	0.4	120.8	7.7	73	0.2	18.1	18.6	550	3.61	<0.5	3.6	1.9	359	0.1	<0.1	<0.1	140	2.39	0.165
1116739	Drill Core	2.94	0.2	105.5	5.5	63	0.2	16.2	16.5	491	3.30	<0.5	3.3	1.8	402	<0.1	<0.1	<0.1	133	2.40	0.164
1116740	Rock Pulp	0.09	2.9	21.6	1.8	34	0.4	19.7	8.7	301	1.88	2.3	0.7	0.9	31	0.2	0.3	<0.1	46	0.74	0.046
1116741	Drill Core	8.01	0.1	93.4	4.2	65	0.2	16.6	17.1	591	3.61	<0.5	<0.5	1.9	615	0.1	<0.1	<0.1	133	2.11	0.170
1116742	Drill Core	2.70	0.1	29.4	4.1	59	0.2	8.1	13.7	625	3.40	<0.5	0.6	2.4	310	0.3	0.1	0.2	106	1.26	0.128
1116743	Drill Core	5.77	0.4	53.4	4.5	53	0.6	6.5	9.9	378	2.38	<0.5	<0.5	2.4	60	<0.1	0.2	<0.1	69	0.88	0.125
1116744	Drill Core	7.77	0.8	92.9	6.0	76	0.1	12.7	16.2	422	3.06	3.4	1.2	2.2	80	0.1	1.2	0.2	105	1.03	0.114
1116745	Drill Core	9.99	0.3	76.4	2.2	78	<0.1	23.3	21.5	703	4.25	17.5	<0.5	1.4	314	<0.1	0.1	0.2	152	1.72	0.126
1116746	Drill Core	7.63	0.2	120.5	3.8	76	0.2	24.7	21.5	621	3.94	1.2	<0.5	1.1	272	0.2	<0.1	<0.1	133	1.92	0.139
1116747	Drill Core	6.34	0.4	132.0	6.2	72	0.1	24.8	21.2	597	3.79	7.5	2.5	1.1	248	0.3	0.1	0.1	127	2.15	0.147
1116748	Drill Core	7.43	0.5	78.3	4.0	70	<0.1	23.4	20.3	599	3.70	4.8	2.8	1.1	206	0.1	0.2	0.1	122	2.35	0.145
1116749	Drill Core	2.57	0.4	122.4	6.6	86	0.2	23.7	20.9	646	3.97	1.7	9.7	1.1	351	0.1	0.2	3.0	120	2.99	0.131
1116750	Rock Pulp	0.10	8.7	217.9	408.0	690	5.0	58.8	15.7	764	4.86	2328	1320	1.8	70	4.6	73.1	2.8	46	1.70	0.060
1116751	Drill Core	9.05	0.4	51.7	4.2	65	<0.1	22.6	19.7	561	3.59	1.6	2.1	1.1	196	0.2	0.2	<0.1	116	1.84	0.149
1116752	Drill Core	9.36	0.5	93.3	5.1	55	0.1	19.7	18.0	468	3.64	4.2	10.4	1.1	251	0.1	0.1	3.0	117	2.38	0.140
1116753	Drill Core	5.87	0.3	119.1	4.2	50	0.1	18.6	16.5	406	2.98	2.0	2.3	1.1	343	0.1	0.1	0.1	100	2.67	0.135
1116754	Drill Core	10.59	0.3	99.5	3.7	56	0.1	19.5	16.9	444	3.17	2.4	3.5	1.1	352	<0.1	0.1	<0.1	107	2.44	0.132

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Auro
Report Date: July 15, 2011

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CERTIFICATE OF ANALYSIS

VAN11002862.1

Method Analyte	1DX15																	
	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1116725	Drill Core	11	66	1.41	342	0.273	2	3.93	0.350	1.43	<0.1	<0.01	2.4	<0.1	<0.05	9	<0.5	<0.2
1116726	Drill Core	11	63	1.50	442	0.258	1	3.56	0.255	1.45	<0.1	<0.01	2.3	0.2	<0.05	9	<0.5	<0.2
1116727	Drill Core	11	61	1.33	520	0.244	1	3.66	0.279	1.37	<0.1	<0.01	2.1	0.4	0.09	8	<0.5	<0.2
1116728	Drill Core	11	67	1.32	396	0.261	<1	4.12	0.366	1.47	<0.1	<0.01	2.0	<0.1	<0.05	9	<0.5	<0.2
1116729	Drill Core	12	64	1.26	261	0.260	<1	4.33	0.387	1.46	<0.1	<0.01	2.2	<0.1	<0.05	9	<0.5	<0.2
1116730	Rock Pulp	8	63	1.00	363	0.068	3	1.20	0.070	0.16	2.8	0.88	4.9	0.2	1.34	4	0.6	0.4
1116731	Drill Core	10	66	1.27	377	0.268	<1	3.54	0.288	1.56	<0.1	<0.01	2.1	0.2	<0.05	8	<0.5	<0.2
1116732	Drill Core	10	27	1.18	357	0.239	1	4.94	0.481	1.29	<0.1	<0.01	2.8	0.2	0.06	9	<0.5	<0.2
1116733	Drill Core	12	28	1.20	401	0.260	3	4.91	0.445	1.38	<0.1	<0.01	2.1	0.4	0.11	10	<0.5	<0.2
1116734	Drill Core	12	26	1.14	472	0.245	<1	4.68	0.444	1.39	<0.1	<0.01	1.9	0.3	<0.05	9	<0.5	<0.2
1116735	Drill Core	12	29	1.10	406	0.243	2	4.49	0.419	1.42	<0.1	<0.01	2.0	0.1	<0.05	9	<0.5	<0.2
1116736	Drill Core	12	29	1.06	423	0.260	<1	4.77	0.456	1.43	<0.1	<0.01	2.1	<0.1	<0.05	10	<0.5	<0.2
1116737	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1116738	Drill Core	12	29	1.12	406	0.280	1	4.90	0.474	1.48	<0.1	<0.01	2.2	<0.1	<0.05	10	<0.5	<0.2
1116739	Drill Core	12	27	1.00	350	0.264	<1	4.76	0.483	1.30	<0.1	<0.01	1.9	<0.1	<0.05	9	<0.5	<0.2
1116740	Rock Pulp	5	27	0.49	83	0.125	3	1.07	0.065	0.08	14.4	<0.01	3.3	<0.1	<0.05	4	<0.5	<0.2
1116741	Drill Core	11	24	1.10	479	0.238	<1	4.49	0.361	1.39	<0.1	<0.01	2.8	<0.1	<0.05	9	<0.5	<0.2
1116742	Drill Core	13	6	1.04	468	0.224	<1	2.96	0.199	1.13	0.1	<0.01	3.6	0.3	<0.05	8	<0.5	<0.2
1116743	Drill Core	14	8	0.55	260	0.176	<1	1.56	0.191	0.67	1.8	<0.01	2.5	0.1	<0.05	5	<0.5	<0.2
1116744	Drill Core	12	13	0.68	383	0.236	<1	2.15	0.213	0.95	<0.1	<0.01	2.7	0.2	0.12	6	<0.5	<0.2
1116745	Drill Core	8	32	1.64	502	0.276	<1	3.86	0.243	1.76	<0.1	<0.01	3.5	0.2	<0.05	9	<0.5	<0.2
1116746	Drill Core	7	32	1.59	440	0.255	<1	3.99	0.401	1.56	<0.1	<0.01	4.3	0.2	<0.05	9	<0.5	<0.2
1116747	Drill Core	8	31	1.46	379	0.245	1	4.02	0.471	1.36	<0.1	<0.01	4.7	0.1	0.06	9	<0.5	<0.2
1116748	Drill Core	7	29	1.54	417	0.235	<1	3.38	0.280	1.37	<0.1	<0.01	4.7	0.3	<0.05	8	<0.5	<0.2
1116749	Drill Core	7	31	1.60	329	0.220	<1	4.49	0.317	1.31	<0.1	<0.01	4.1	0.5	0.13	10	<0.5	<0.2
1116750	Rock Pulp	8	66	0.99	354	0.072	<1	1.21	0.072	0.17	2.5	0.84	4.8	0.2	1.30	4	0.7	0.5
1116751	Drill Core	8	30	1.43	446	0.236	<1	3.53	0.373	1.39	<0.1	<0.01	4.6	0.4	<0.05	8	<0.5	<0.2
1116752	Drill Core	8	29	1.31	348	0.222	<1	4.43	0.432	1.33	<0.1	<0.01	3.2	0.8	0.20	9	<0.5	<0.2
1116753	Drill Core	8	25	1.14	341	0.192	<1	4.57	0.478	1.10	<0.1	<0.01	3.0	0.2	<0.05	8	<0.5	<0.2
1116754	Drill Core	8	26	1.21	375	0.202	<1	4.50	0.393	1.20	<0.1	<0.01	2.4	0.2	<0.05	8	<0.5	<0.2

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 Report Date: July 15, 2011

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Method Analyte	Unit	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
MDL	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	1	0.1	0.1	2	0.01	0.001
1116755	Drill Core	6.32	0.7	89.2	3.9	84	<0.1	20.1	18.0	570	3.32	1.7	3.2	1.0	837	<0.1	1.0	<0.1	112	3.95	0.132
1116756	Drill Core	3.32	<0.1	93.2	5.4	68	<0.1	23.0	20.7	776	3.85	0.9	2.5	1.1	700	0.1	<0.1	<0.1	126	4.36	0.126
1116757	Drill Core	4.09	0.2	98.1	6.2	76	0.1	20.9	18.5	556	2.89	7.8	1.5	1.0	426	0.3	0.3	0.2	89	3.26	0.130
1116758	Drill Core	8.48	0.3	93.4	4.2	58	0.1	20.2	17.6	503	3.29	1.1	1.3	1.1	344	<0.1	<0.1	<0.1	112	2.53	0.135
1116759	Drill Core	9.29	0.4	74.4	3.0	58	0.1	17.6	15.3	490	3.10	1.4	1.6	1.0	345	<0.1	0.2	0.1	107	2.18	0.157
1116760	Rock Pulp	0.09	2.6	17.6	1.7	32	0.4	16.2	7.1	248	1.54	2.0	<0.5	0.8	23	0.4	0.3	<0.1	39	0.55	0.047
1116761	Drill Core	8.67	0.3	101.3	2.6	64	0.2	19.8	16.5	519	3.10	1.8	<0.5	1.0	341	<0.1	0.1	<0.1	112	2.17	0.168
1116762	Drill Core	7.16	1.5	100.0	3.1	57	0.1	28.3	21.3	405	3.31	4.5	<0.5	1.0	353	0.1	0.2	0.1	116	2.11	0.164
1116763	Drill Core	5.97	1.8	161.4	5.8	39	0.2	45.9	24.6	289	3.33	4.7	5.0	1.2	306	0.2	0.5	0.5	88	2.19	0.134
1116764	Drill Core	7.91	0.5	72.6	4.0	59	<0.1	55.1	21.4	392	3.07	6.9	<0.5	1.1	329	0.1	0.2	0.2	117	2.09	0.134
1116765	Drill Core	9.45	0.6	86.2	3.5	57	<0.1	49.9	20.5	427	3.10	2.1	<0.5	1.2	306	<0.1	0.2	<0.1	127	2.06	0.150
1116766	Drill Core	3.64	1.0	40.0	2.8	68	<0.1	37.9	22.6	568	3.78	3.8	<0.5	1.5	285	<0.1	0.2	<0.1	148	1.85	0.192
1116767	Drill Core	7.70	0.8	131.4	4.1	57	0.1	41.3	23.2	502	3.39	4.1	<0.5	1.4	340	<0.1	0.2	<0.1	138	2.42	0.172
1116768	Drill Core	8.71	1.5	107.3	2.7	50	0.1	74.2	20.2	416	3.05	4.4	0.6	1.4	378	<0.1	0.1	<0.1	134	2.19	0.207
1116769	Drill Core	9.22	0.8	107.2	2.7	49	0.1	84.4	21.0	396	3.09	4.7	<0.5	1.5	382	<0.1	<0.1	<0.1	128	2.25	0.204
1116770	Rock Pulp	0.09	8.3	183.1	376.8	635	6.2	51.1	13.9	740	4.57	2271	1428	1.8	65	4.6	73.3	2.3	44	1.60	0.063
1116771	Drill Core	9.68	3.5	178.9	3.0	48	0.1	109.8	26.5	388	3.43	6.2	<0.5	1.4	256	<0.1	0.2	0.2	160	2.08	0.252
1116772	Drill Core	8.55	1.1	45.3	2.3	52	<0.1	91.2	16.7	400	2.83	16.4	<0.5	1.4	287	<0.1	0.2	0.1	113	2.02	0.190
1116773	Drill Core	6.06	0.7	87.7	6.7	38	0.1	13.4	13.5	282	1.80	5.3	<0.5	1.9	174	0.1	0.6	<0.1	63	1.41	0.114
1116774	Drill Core	6.29	1.3	67.4	4.1	67	<0.1	13.4	17.1	512	3.46	1.3	<0.5	1.3	178	0.1	0.1	<0.1	160	1.79	0.134
1116775	Drill Core	10.51	0.8	83.0	2.1	51	0.1	10.8	14.7	411	2.95	2.3	<0.5	1.1	284	<0.1	0.1	<0.1	124	2.52	0.125
1116776	Drill Core	6.25	0.3	74.8	2.3	48	0.1	9.9	13.1	350	2.72	0.9	0.8	1.1	270	<0.1	<0.1	<0.1	107	2.23	0.139
1116777	Drill Core	6.19	0.4	102.9	1.9	54	0.1	10.6	14.2	391	2.89	1.4	<0.5	1.1	224	0.1	<0.1	<0.1	118	2.10	0.129
1116778	Drill Core	8.94	0.5	68.8	2.4	52	0.1	12.1	16.0	442	3.25	1.0	15.2	1.1	189	<0.1	0.3	1.8	135	1.99	0.139
1116779	Drill Core	9.58	0.5	102.8	3.3	51	0.1	11.7	15.8	415	3.14	1.7	<0.5	1.2	204	0.1	<0.1	<0.1	133	1.94	0.135
1116780	Rock Pulp	0.09	3.0	19.3	2.0	33	0.5	17.4	8.0	280	1.74	3.3	<0.5	0.9	28	0.2	0.4	<0.1	44	0.66	0.051
1116781	Drill Core	9.60	0.8	69.5	4.0	51	<0.1	11.6	15.7	403	3.14	1.1	<0.5	1.2	204	0.2	<0.1	<0.1	126	2.03	0.132
1116782	Drill Core	8.92	0.5	106.2	3.5	49	0.1	12.0	15.4	408	3.31	1.3	50.2	1.2	206	0.1	0.2	6.5	126	1.76	0.138
1116783	Drill Core	9.44	0.6	70.8	3.7	52	<0.1	11.9	15.5	380	3.16	0.8	<0.5	1.2	206	<0.1	0.2	<0.1	133	2.03	0.143
1116784	Drill Core	9.65	0.8	106.3	3.6	53	0.1	12.7	17.4	404	3.38	1.5	1.2	1.2	234	0.1	<0.1	1.5	135	2.19	0.131



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Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
	1	1	0.01	1	0.001	1	0.01	0.001	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2
1116755	Drill Core	8	27	1.28	389	0.227	<1	6.04	0.455	1.12	<0.1	<0.01	3.1	0.2	<0.05	10	<0.5	<0.2
1116756	Drill Core	7	31	1.70	338	0.190	<1	5.48	0.225	0.87	<0.1	<0.01	6.2	0.1	<0.05	12	<0.5	<0.2
1116757	Drill Core	7	23	1.18	320	0.157	1	4.91	0.454	0.87	<0.1	<0.01	3.7	0.2	<0.05	8	<0.5	<0.2
1116758	Drill Core	8	28	1.33	323	0.222	<1	4.94	0.509	1.20	<0.1	<0.01	2.6	0.1	<0.05	9	<0.5	<0.2
1116759	Drill Core	8	25	1.22	315	0.198	<1	4.44	0.484	1.20	<0.1	<0.01	1.5	0.3	<0.05	8	<0.5	<0.2
1116760	Rock Pulp	4	23	0.41	72	0.085	2	0.88	0.048	0.07	14.1	<0.01	2.0	<0.1	<0.05	3	<0.5	<0.2
1116761	Drill Core	7	25	1.19	406	0.177	<1	4.33	0.437	1.28	<0.1	<0.01	1.6	0.4	<0.05	8	<0.5	<0.2
1116762	Drill Core	6	26	1.03	316	0.178	<1	4.03	0.416	1.22	<0.1	<0.01	2.5	0.3	0.34	8	<0.5	<0.2
1116763	Drill Core	7	37	0.79	91	0.145	<1	3.58	0.339	0.74	0.1	<0.01	3.7	0.2	1.21	8	0.6	<0.2
1116764	Drill Core	6	73	1.29	191	0.198	<1	4.04	0.381	1.30	<0.1	<0.01	2.3	0.2	0.28	8	<0.5	<0.2
1116765	Drill Core	7	78	1.25	266	0.214	<1	3.97	0.373	1.41	<0.1	<0.01	2.3	0.2	0.11	8	<0.5	<0.2
1116766	Drill Core	7	78	1.51	266	0.263	<1	3.50	0.248	1.78	<0.1	<0.01	1.9	0.3	0.06	8	<0.5	<0.2
1116767	Drill Core	7	54	1.11	223	0.209	<1	4.42	0.427	1.30	<0.1	<0.01	2.2	0.2	0.38	9	<0.5	<0.2
1116768	Drill Core	8	93	1.32	155	0.223	<1	4.01	0.373	1.44	<0.1	<0.01	2.0	0.3	0.19	8	<0.5	<0.2
1116769	Drill Core	8	92	1.41	168	0.217	<1	4.28	0.394	1.37	0.1	<0.01	1.7	0.3	0.22	8	<0.5	<0.2
1116770	Rock Pulp	7	53	0.95	342	0.055	1	1.14	0.063	0.17	2.6	0.85	3.7	0.2	1.24	4	1.3	0.5
1116771	Drill Core	9	129	1.32	178	0.217	<1	3.45	0.328	1.29	<0.1	<0.01	2.0	0.4	0.54	8	1.1	<0.2
1116772	Drill Core	8	113	1.37	228	0.185	<1	3.85	0.358	1.36	<0.1	<0.01	1.7	0.3	0.10	8	<0.5	<0.2
1116773	Drill Core	7	4	0.43	111	0.114	<1	1.64	0.205	0.31	<0.1	<0.01	2.8	<0.1	0.28	3	1.3	<0.2
1116774	Drill Core	6	11	1.21	493	0.248	<1	3.32	0.296	1.50	<0.1	<0.01	2.6	0.2	<0.05	8	<0.5	<0.2
1116775	Drill Core	6	10	0.86	341	0.211	<1	4.16	0.414	1.14	<0.1	<0.01	1.7	0.2	<0.05	8	<0.5	<0.2
1116776	Drill Core	7	9	0.76	337	0.188	<1	3.86	0.384	1.10	<0.1	<0.01	1.4	0.1	<0.05	7	<0.5	<0.2
1116777	Drill Core	7	10	0.84	336	0.204	<1	4.03	0.376	1.21	<0.1	<0.01	1.6	0.1	<0.05	8	<0.5	<0.2
1116778	Drill Core	6	11	0.96	292	0.215	<1	4.01	0.359	1.37	<0.1	<0.01	1.6	0.3	0.08	8	<0.5	<0.2
1116779	Drill Core	7	12	0.96	355	0.219	<1	3.95	0.366	1.39	<0.1	<0.01	1.9	0.2	<0.05	8	<0.5	<0.2
1116780	Rock Pulp	4	25	0.47	84	0.104	3	1.05	0.057	0.08	14.3	0.02	2.7	<0.1	<0.05	3	<0.5	<0.2
1116781	Drill Core	7	11	0.96	400	0.223	<1	3.81	0.361	1.32	<0.1	<0.01	1.9	0.3	<0.05	8	<0.5	<0.2
1116782	Drill Core	7	11	0.99	408	0.208	<1	3.69	0.340	1.24	0.1	<0.01	2.0	0.5	0.22	8	<0.5	<0.2
1116783	Drill Core	6	11	0.96	319	0.204	<1	4.14	0.378	1.43	<0.1	<0.01	1.6	0.3	<0.05	8	<0.5	<0.2
1116784	Drill Core	6	9	1.05	328	0.206	<1	4.21	0.376	1.44	0.2	<0.01	2.0	0.6	0.12	9	<0.5	<0.2

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Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
1116785	Drill Core	8.82	0.5	84.9	3.3	52	0.1	11.6	15.1	320	2.99	0.9	<0.5	1.2	229	<0.1	<0.1	0.2	124	2.16	0.131
1116786	Drill Core	5.90	0.4	60.5	4.1	51	<0.1	11.8	15.1	363	3.03	2.3	<0.5	1.2	217	0.2	<0.1	<0.1	131	2.14	0.132
1116787	Drill Core	8.99	1.4	90.7	6.3	47	0.1	12.4	16.7	454	2.82	2.3	<0.5	1.3	159	0.2	0.5	<0.1	78	1.78	0.128
1116788	Drill Core	8.73	1.7	95.9	10.8	51	0.2	10.3	16.7	527	3.15	7.0	3.6	1.9	67	0.3	0.7	0.6	70	1.27	0.110
1116789	Drill Core	6.12	3.9	39.7	3.7	106	<0.1	8.4	13.2	909	4.28	5.0	<0.5	3.1	67	<0.1	0.1	<0.1	132	1.21	0.191
1116790	Rock Pulp	0.09	8.3	182.4	361.4	660	5.8	51.4	13.0	742	4.51	2183	1281	1.6	65	4.6	72.8	2.3	41	1.58	0.061
1116791	Drill Core	11.21	1.9	23.5	3.5	100	<0.1	5.5	11.1	831	3.63	2.9	<0.5	3.2	89	<0.1	0.1	<0.1	121	0.79	0.182
1116792	Drill Core	7.14	2.2	53.6	4.5	87	<0.1	5.8	10.9	668	3.32	5.9	<0.5	3.7	113	<0.1	0.5	0.7	94	1.30	0.220
1116793	Drill Core	8.63	1.5	25.4	3.3	70	<0.1	5.2	10.2	585	3.11	3.5	<0.5	3.7	76	<0.1	0.2	<0.1	93	0.76	0.202
1116794	Drill Core	8.39	1.3	24.9	3.3	72	<0.1	5.3	10.1	572	3.01	5.3	<0.5	3.7	65	<0.1	0.2	0.1	89	0.76	0.211
1116795	Drill Core	8.48	0.9	49.7	2.1	62	<0.1	4.7	8.9	459	2.51	2.3	0.9	3.0	38	<0.1	0.2	0.4	77	0.55	0.155
1116796	Drill Core	5.21	0.9	63.1	2.2	68	<0.1	5.0	9.3	510	2.72	2.1	<0.5	3.2	46	<0.1	0.3	0.3	83	0.78	0.163
1116797	Drill Core	11.31	1.1	62.7	2.7	68	<0.1	4.9	9.4	513	2.96	1.8	0.8	3.4	67	<0.1	0.3	1.9	84	0.99	0.170
1116798	Drill Core	8.79	1.1	32.5	2.7	65	<0.1	4.7	8.6	491	2.54	2.0	0.6	3.3	29	<0.1	<0.1	<0.1	77	0.58	0.158
1116799	Drill Core	9.35	1.3	72.8	2.0	57	<0.1	5.5	10.6	501	3.26	1.9	39.4	3.3	30	<0.1	0.2	8.3	93	0.70	0.173
1116800	Rock Pulp	0.10	2.9	20.6	2.0	34	0.4	18.4	7.6	278	1.73	2.9	4.4	0.9	26	0.3	0.3	<0.1	42	0.62	0.069
1116801	Drill Core	8.36	1.5	51.7	1.7	53	<0.1	5.1	9.5	497	3.02	1.0	2.8	2.9	51	<0.1	0.1	0.6	83	0.76	0.168
1116802	Drill Core	8.03	2.2	50.6	1.9	63	<0.1	5.5	11.1	565	3.31	0.9	1.3	2.7	33	<0.1	0.2	0.4	91	1.22	0.170
1116803	Drill Core	8.08	1.5	42.7	2.9	76	<0.1	29.4	11.6	624	3.23	3.1	1.8	2.2	36	0.1	0.2	0.3	98	1.15	0.143
1116804	Drill Core	8.57	1.4	70.9	1.4	93	<0.1	143.0	21.1	480	3.72	8.0	1.5	0.6	17	0.3	0.1	0.3	126	0.40	0.044
1116805	Drill Core	2.17	1.5	39.2	6.2	115	<0.1	147.4	19.6	643	3.54	15.8	1.5	0.6	21	0.3	0.4	0.2	117	2.77	0.054
1116806	Drill Core	9.48	1.2	95.1	1.4	74	0.1	35.5	15.6	605	3.61	5.8	4.2	1.4	23	<0.1	0.2	0.8	126	0.68	0.130
1116807	Drill Core	8.69	0.4	66.5	1.3	67	<0.1	4.2	9.2	563	3.04	1.3	5.6	2.2	36	<0.1	0.1	1.6	70	0.69	0.127
1116808	Drill Core	6.15	2.8	82.7	1.3	62	<0.1	3.8	10.7	491	2.77	1.0	<0.5	2.3	39	<0.1	0.3	0.3	62	0.93	0.154
1116809	Drill Core	9.12	0.8	116.4	1.6	54	<0.1	17.4	16.9	437	2.92	2.0	2.2	1.6	68	<0.1	0.1	0.1	108	0.75	0.156
1116810	Rock Pulp	0.09	8.3	210.8	409.2	687	6.4	55.9	14.5	740	4.61	2245	1490	1.7	67	4.5	71.2	2.6	45	1.65	0.058
1116811	Drill Core	10.00	0.9	62.1	1.8	67	<0.1	17.5	15.0	442	3.05	1.5	2.5	1.9	71	<0.1	0.4	<0.1	114	0.76	0.168
1116812	Drill Core	8.98	15.6	63.3	7.1	49	0.1	5.5	8.6	364	2.31	1.4	1.1	2.4	80	0.2	0.6	<0.1	53	0.96	0.158
1116813	Drill Core	9.41	0.8	51.5	1.9	49	<0.1	8.4	11.6	386	2.69	3.6	<0.5	2.0	41	<0.1	0.2	<0.1	76	0.67	0.161
1116814	Drill Core	3.57	1.3	67.7	2.2	64	<0.1	4.2	13.0	503	3.74	1.3	<0.5	2.8	45	<0.1	0.8	<0.1	91	0.92	0.177

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	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
1116785	Drill Core	6	10	1.04	362	0.169	<1	4.07	0.391	1.23	<0.1	<0.01	1.6	0.2	<0.05	9	<0.5	<0.2
1116786	Drill Core	6	10	1.03	436	0.201	<1	4.08	0.412	1.27	<0.1	<0.01	1.9	0.1	<0.05	8	<0.5	<0.2
1116787	Drill Core	6	6	0.57	233	0.130	<1	2.24	0.285	0.58	<0.1	<0.01	2.9	0.1	0.56	5	<0.5	<0.2
1116788	Drill Core	8	7	0.43	106	0.140	<1	1.35	0.160	0.42	0.2	<0.01	3.4	<0.1	1.04	4	0.8	<0.2
1116789	Drill Core	13	10	1.33	296	0.277	<1	2.78	0.139	1.50	<0.1	<0.01	4.2	0.4	0.06	9	<0.5	<0.2
1116790	Rock Pulp	7	53	0.92	337	0.051	3	1.09	0.059	0.15	2.7	0.85	3.6	0.2	1.24	4	1.0	0.6
1116791	Drill Core	15	8	1.03	136	0.266	<1	2.03	0.108	1.52	0.1	<0.01	2.6	0.4	<0.05	7	<0.5	<0.2
1116792	Drill Core	18	7	0.73	114	0.221	<1	1.92	0.128	1.07	0.2	<0.01	1.6	0.4	0.31	6	<0.5	<0.2
1116793	Drill Core	19	8	0.70	121	0.228	<1	1.50	0.100	1.19	0.2	<0.01	1.8	0.4	<0.05	6	<0.5	<0.2
1116794	Drill Core	19	7	0.70	103	0.218	<1	1.49	0.100	1.15	0.2	<0.01	1.8	0.4	0.06	6	<0.5	<0.2
1116795	Drill Core	15	6	0.57	70	0.208	<1	1.17	0.058	0.85	0.1	<0.01	1.5	0.3	0.13	5	<0.5	<0.2
1116796	Drill Core	16	6	0.62	77	0.223	<1	1.31	0.065	0.94	0.1	<0.01	1.6	0.3	0.19	5	<0.5	<0.2
1116797	Drill Core	18	7	0.66	78	0.225	<1	1.81	0.121	0.97	0.2	<0.01	1.7	0.4	0.32	6	<0.5	0.5
1116798	Drill Core	16	6	0.58	77	0.232	<1	1.17	0.067	0.95	0.1	<0.01	1.3	0.3	<0.05	5	<0.5	<0.2
1116799	Drill Core	17	7	0.81	77	0.223	<1	1.55	0.075	0.99	0.3	<0.01	2.6	0.6	0.47	6	<0.5	<0.2
1116800	Rock Pulp	4	24	0.46	72	0.099	2	0.99	0.055	0.08	14.6	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
1116801	Drill Core	13	6	0.70	102	0.202	1	1.62	0.111	1.14	0.1	<0.01	2.0	0.6	0.26	6	<0.5	<0.2
1116802	Drill Core	12	6	0.87	140	0.215	<1	1.93	0.104	1.18	0.2	<0.01	2.5	0.5	0.44	6	0.6	<0.2
1116803	Drill Core	8	25	1.01	197	0.209	1	2.61	0.168	1.33	<0.1	<0.01	5.4	0.3	0.17	7	<0.5	<0.2
1116804	Drill Core	2	112	1.36	287	0.208	<1	2.76	0.067	1.87	0.1	<0.01	10.9	0.6	0.17	8	1.3	<0.2
1116805	Drill Core	2	131	1.31	217	0.208	<1	5.05	0.363	1.87	0.3	<0.01	9.8	0.7	0.13	9	1.0	<0.2
1116806	Drill Core	4	30	1.03	437	0.239	2	1.97	0.096	1.37	0.1	<0.01	7.9	0.5	0.27	7	<0.5	<0.2
1116807	Drill Core	10	5	0.74	237	0.220	1	1.66	0.100	1.15	<0.1	<0.01	2.7	0.3	0.16	6	<0.5	<0.2
1116808	Drill Core	11	5	0.59	119	0.185	1	1.41	0.093	0.91	0.1	<0.01	1.5	0.3	0.24	5	<0.5	<0.2
1116809	Drill Core	8	32	0.76	150	0.211	2	1.58	0.101	1.11	<0.1	<0.01	1.2	0.2	0.16	5	<0.5	<0.2
1116810	Rock Pulp	8	60	0.97	349	0.062	5	1.14	0.064	0.16	2.7	0.94	4.5	0.2	1.26	4	0.9	0.6
1116811	Drill Core	10	33	0.83	167	0.264	<1	1.70	0.110	1.22	<0.1	<0.01	1.2	0.2	0.10	6	<0.5	<0.2
1116812	Drill Core	12	4	0.44	116	0.170	<1	1.34	0.125	0.70	<0.1	<0.01	1.2	0.1	0.25	4	<0.5	<0.2
1116813	Drill Core	10	13	0.67	211	0.235	<1	1.41	0.089	1.01	<0.1	<0.01	1.4	0.2	0.11	5	<0.5	<0.2
1116814	Drill Core	12	5	1.01	260	0.305	1	2.07	0.105	1.39	<0.1	<0.01	2.5	0.4	0.30	7	<0.5	<0.2

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Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	ppm	2	0.01	0.001
1116815	Drill Core	7.95	3.8	240.2	13.4	43	0.2	8.9	20.8	261	2.91	6.3	0.6	2.1	91	0.3	0.9	0.2	49	1.71	0.177
1116816	Drill Core	6.16	4.1	225.5	8.5	29	0.2	50.0	47.0	183	1.90	204.8	46.0	1.4	186	0.3	1.2	6.2	41	2.70	0.145
1116817	Drill Core	9.17	1.5	70.2	4.1	79	<0.1	138.5	18.3	538	3.15	10.4	2.1	0.5	65	<0.1	0.9	0.2	107	1.39	0.042
1116818	Drill Core	5.55	1.3	76.4	3.0	73	<0.1	134.2	19.0	524	3.21	7.5	2.4	1.0	81	<0.1	0.8	0.2	104	2.16	0.038
1116819	Drill Core	0.91	1.3	123.3	13.8	50	0.3	87.5	17.4	218	1.57	5.2	7.7	0.9	151	0.4	0.7	0.7	41	2.21	0.052
1116820	Rock Pulp	0.09	2.8	20.7	2.6	34	0.5	18.1	7.5	277	1.72	3.3	<0.5	0.8	28	0.3	0.3	<0.1	44	0.65	0.042
1116821	Drill Core	8.27	0.5	50.8	1.2	53	<0.1	11.2	14.6	281	3.22	3.0	1.2	1.5	53	<0.1	0.3	0.3	129	1.34	0.206
1116822	Drill Core	9.55	0.9	72.8	1.2	56	<0.1	11.3	18.1	416	3.85	4.1	<0.5	1.8	25	<0.1	0.3	0.2	144	0.83	0.224
1116823	Drill Core	5.99	2.7	71.7	1.2	58	<0.1	10.2	15.8	481	3.84	1.3	<0.5	2.8	58	<0.1	0.1	0.2	144	0.88	0.255
1116824	Drill Core	7.87	0.7	35.3	1.9	66	<0.1	37.8	21.2	582	4.11	9.3	<0.5	2.1	101	<0.1	0.2	0.7	167	1.04	0.182
1116825	Drill Core	9.63	0.5	62.2	1.7	68	<0.1	40.2	21.8	563	4.12	10.8	2.8	2.4	151	<0.1	0.1	2.5	169	1.09	0.181
1116826	Drill Core	8.78	0.9	82.1	1.7	70	<0.1	40.8	22.5	559	4.15	1.4	1.6	2.4	111	<0.1	<0.1	<0.1	169	1.16	0.186
1116827	Drill Core	8.63	0.9	68.1	2.3	61	<0.1	37.0	20.1	495	3.89	4.4	2.4	2.2	245	<0.1	0.3	0.6	165	1.27	0.183
1116828	Drill Core	10.21	0.4	102.9	1.5	61	<0.1	37.2	19.5	458	3.61	0.9	2.7	1.8	80	<0.1	<0.1	0.4	138	0.90	0.152
1116829	Drill Core	7.82	0.3	34.5	2.6	54	<0.1	33.3	16.3	446	3.25	16.1	5.0	1.6	156	<0.1	0.2	0.3	112	1.34	0.148
1116830	Rock Pulp	0.09	8.4	215.1	391.6	690	6.2	58.9	14.5	744	4.71	2266	1443	1.6	66	4.4	71.6	2.6	44	1.65	0.055
1116831	Drill Core	5.01	0.4	79.7	1.6	55	<0.1	38.1	19.8	381	3.25	6.0	1.2	1.7	113	<0.1	0.2	0.2	130	0.91	0.159
1116832	Drill Core	4.46	1.1	71.1	2.9	78	0.1	41.1	11.1	425	3.31	1.3	1.6	1.4	30	<0.1	0.4	0.1	89	0.55	0.079



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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	0.2
1116815	Drill Core	11	4	0.34	94	0.126	2	2.22	0.251	0.47	0.2	<0.01	1.6	0.1	1.10	5	<0.5	<0.2
1116816	Drill Core	7	22	0.20	49	0.071	<1	3.51	0.331	0.23	0.1	<0.01	2.3	<0.1	0.77	7	1.1	0.4
1116817	Drill Core	2	105	0.82	47	0.197	<1	3.49	0.138	1.29	0.2	<0.01	9.9	0.3	0.29	9	0.9	<0.2
1116818	Drill Core	3	105	0.82	75	0.207	2	4.14	0.150	1.26	0.1	<0.01	10.1	0.3	0.39	10	0.9	<0.2
1116819	Drill Core	3	35	0.19	57	0.073	4	3.31	0.285	0.30	0.2	<0.01	2.4	<0.1	0.50	7	0.7	<0.2
1116820	Rock Pulp	4	24	0.46	71	0.108	6	1.04	0.058	0.07	14.3	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
1116821	Drill Core	7	17	1.07	271	0.212	3	2.64	0.202	1.23	<0.1	<0.01	3.8	0.3	0.11	7	<0.5	<0.2
1116822	Drill Core	9	18	1.30	512	0.277	<1	1.96	0.080	1.59	<0.1	<0.01	4.5	0.4	0.20	7	<0.5	<0.2
1116823	Drill Core	13	17	1.27	248	0.333	<1	2.22	0.163	1.78	<0.1	<0.01	2.8	0.4	0.08	7	<0.5	<0.2
1116824	Drill Core	10	92	1.59	287	0.312	<1	2.61	0.169	1.91	<0.1	<0.01	3.0	0.4	<0.05	8	0.6	<0.2
1116825	Drill Core	11	99	1.59	350	0.315	1	2.70	0.176	1.85	0.5	<0.01	2.6	0.5	<0.05	8	<0.5	<0.2
1116826	Drill Core	11	99	1.64	313	0.322	1	2.71	0.176	1.83	<0.1	<0.01	3.1	0.3	<0.05	8	<0.5	<0.2
1116827	Drill Core	10	85	1.40	271	0.317	<1	2.80	0.203	1.72	5.0	<0.01	2.6	0.4	0.06	8	<0.5	<0.2
1116828	Drill Core	9	92	1.29	307	0.255	2	2.24	0.101	1.53	<0.1	<0.01	1.4	0.3	<0.05	7	<0.5	<0.2
1116829	Drill Core	9	77	1.01	244	0.209	<1	2.34	0.157	1.18	<0.1	<0.01	1.6	0.2	<0.05	6	<0.5	<0.2
1116830	Rock Pulp	8	62	0.96	332	0.062	4	1.16	0.064	0.15	2.8	0.92	4.3	0.2	1.25	4	1.2	0.6
1116831	Drill Core	8	84	1.19	293	0.239	1	2.06	0.105	1.40	<0.1	<0.01	1.4	0.3	0.10	6	<0.5	<0.2
1116832	Drill Core	3	48	1.21	212	0.242	1	2.00	0.086	1.29	0.2	<0.01	9.3	0.2	0.67	7	0.6	<0.2



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QUALITY CONTROL REPORT

VAN11002862.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
1116732	Drill Core	8.34	0.3	227.6	8.5	95	0.4	20.7	19.9	680	3.68	0.9	4.1	1.7	506	0.3	0.3	<0.1	136	2.79	0.160
REP 1116732	QC		0.4	226.9	8.3	96	0.4	21.1	20.1	693	3.76	1.4	3.1	1.7	522	0.4	0.3	<0.1	140	2.86	0.165
1116766	Drill Core	3.64	1.0	40.0	2.8	68	<0.1	37.9	22.6	568	3.78	3.8	<0.5	1.5	285	<0.1	0.2	<0.1	148	1.85	0.192
REP 1116766	QC		1.1	38.3	2.7	74	<0.1	36.6	21.3	577	3.74	3.6	1.7	1.4	277	<0.1	0.2	<0.1	147	1.85	0.198
1116817	Drill Core	9.17	1.5	70.2	4.1	79	<0.1	138.5	18.3	538	3.15	10.4	2.1	0.5	65	<0.1	0.9	0.2	107	1.39	0.042
REP 1116817	QC		1.6	76.6	4.5	80	0.1	146.2	19.3	568	3.33	11.4	3.0	0.6	69	<0.1	1.0	0.2	111	1.46	0.042
1116824	Drill Core	7.87	0.7	35.3	1.9	66	<0.1	37.8	21.2	582	4.11	9.3	<0.5	2.1	101	<0.1	0.2	0.7	167	1.04	0.182
REP 1116824	QC		0.7	35.0	1.7	66	<0.1	37.9	20.3	568	4.02	10.6	1.1	2.1	96	<0.1	0.2	0.7	161	1.00	0.186
Core Reject Duplicates																					
1116755	Drill Core	6.32	0.7	89.2	3.9	84	<0.1	20.1	18.0	570	3.32	1.7	3.2	1.0	837	<0.1	1.0	<0.1	112	3.95	0.132
DUP 1116755	QC		0.2	90.8	4.1	57	<0.1	20.1	17.8	555	3.26	2.4	1.4	1.0	860	0.1	0.2	<0.1	112	3.92	0.131
1116825	Drill Core	9.63	0.5	62.2	1.7	68	<0.1	40.2	21.8	563	4.12	10.8	2.8	2.4	151	<0.1	0.1	2.5	169	1.09	0.181
DUP 1116825	QC		0.6	65.0	2.0	73	<0.1	44.2	23.8	593	4.18	11.7	1.9	2.6	158	<0.1	0.1	2.2	171	1.24	0.191
Reference Materials																					
STD DS8	Standard		12.6	104.3	121.1	303	1.7	36.1	7.1	593	2.42	24.0	104.1	6.4	60	2.2	5.2	6.0	41	0.69	0.078
STD DS8	Standard		13.3	108.1	127.7	313	1.8	38.8	7.4	604	2.43	25.0	106.5	6.5	63	2.3	5.0	6.2	41	0.71	0.075
STD DS8	Standard		12.7	96.8	126.3	315	1.8	37.8	7.3	608	2.45	28.5	110.6	6.6	57	2.5	5.6	6.2	41	0.68	0.096
STD DS8	Standard		13.8	99.9	121.9	321	1.7	38.6	7.4	622	2.43	27.6	106.0	6.6	60	2.5	5.4	5.8	41	0.70	0.087
STD DS8	Standard		14.7	117.2	130.1	329	1.9	41.9	8.5	649	2.64	27.0	130.7	7.0	66	2.5	5.4	6.6	43	0.76	0.085
STD DS8	Standard		14.2	112.3	125.3	314	1.8	40.4	8.3	628	2.55	26.0	104.3	6.8	64	2.4	5.4	6.6	42	0.74	0.081
STD DS8	Standard		13.9	107.8	124.4	314	1.8	39.7	7.4	596	2.39	25.2	106.4	6.7	63	2.3	5.3	6.2	41	0.67	0.075
STD DS8	Standard		14.4	112.2	128.4	323	1.8	40.2	7.5	618	2.45	24.9	106.6	6.9	66	2.3	5.2	6.4	42	0.75	0.079
STD DS8	Standard		13.3	107.6	141.8	316	1.8	37.5	7.2	596	2.43	26.9	118.5	7.6	74	2.5	6.1	7.3	42	0.71	0.085
STD DS8	Standard		13.3	102.6	140.9	316	1.8	38.2	7.0	635	2.48	27.8	133.8	8.0	74	2.3	5.7	7.4	43	0.73	0.082
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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QUALITY CONTROL REPORT

VAN11002862.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
1116732	Drill Core	10	27	1.18	357	0.239	1	4.94	0.481	1.29	<0.1	<0.01	2.8	0.2	0.06	9	<0.5	<0.2
REP 1116732	QC	10	28	1.20	347	0.262	<1	5.08	0.497	1.34	<0.1	<0.01	3.1	0.3	0.06	9	<0.5	<0.2
1116766	Drill Core	7	78	1.51	266	0.263	<1	3.50	0.248	1.78	<0.1	<0.01	1.9	0.3	0.06	8	<0.5	<0.2
REP 1116766	QC	7	77	1.47	268	0.249	<1	3.50	0.234	1.73	<0.1	<0.01	1.9	0.3	0.06	8	<0.5	<0.2
1116817	Drill Core	2	105	0.82	47	0.197	<1	3.49	0.138	1.29	0.2	<0.01	9.9	0.3	0.29	9	0.9	<0.2
REP 1116817	QC	2	109	0.87	50	0.205	1	3.67	0.150	1.30	0.2	<0.01	10.5	0.3	0.31	9	0.9	<0.2
1116824	Drill Core	10	92	1.59	287	0.312	<1	2.61	0.169	1.91	<0.1	<0.01	3.0	0.4	<0.05	8	0.6	<0.2
REP 1116824	QC	9	90	1.54	278	0.311	<1	2.52	0.161	1.92	0.1	<0.01	2.8	0.4	<0.05	8	<0.5	<0.2
Core Reject Duplicates																		
1116755	Drill Core	8	27	1.28	389	0.227	<1	6.04	0.455	1.12	<0.1	<0.01	3.1	0.2	<0.05	10	<0.5	<0.2
DUP 1116755	QC	8	27	1.25	391	0.223	<1	6.19	0.468	1.11	<0.1	<0.01	3.0	0.1	<0.05	10	<0.5	<0.2
1116825	Drill Core	11	99	1.59	350	0.315	1	2.70	0.176	1.85	0.5	<0.01	2.6	0.5	<0.05	8	<0.5	<0.2
DUP 1116825	QC	12	111	1.66	359	0.341	<1	2.81	0.219	1.95	0.6	<0.01	3.9	0.4	<0.05	9	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	13	118	0.60	260	0.113	4	0.88	0.083	0.39	3.0	0.19	1.9	5.0	0.16	5	5.2	5.0
STD DS8	Standard	14	121	0.61	278	0.117	3	0.90	0.087	0.41	2.8	0.20	1.9	5.2	0.16	5	5.2	5.1
STD DS8	Standard	12	116	0.62	285	0.101	3	0.89	0.082	0.42	3.3	0.20	1.6	5.2	0.17	4	5.2	5.3
STD DS8	Standard	13	109	0.61	287	0.103	2	0.90	0.085	0.43	2.9	0.18	1.7	5.1	0.16	5	5.2	5.2
STD DS8	Standard	16	128	0.66	300	0.130	3	0.97	0.097	0.43	3.1	0.18	2.2	5.5	0.17	5	5.7	5.3
STD DS8	Standard	15	125	0.63	282	0.123	<1	0.94	0.094	0.42	3.0	0.18	2.2	5.3	0.17	5	5.6	4.8
STD DS8	Standard	14	125	0.61	267	0.120	3	0.90	0.088	0.40	3.0	0.19	1.9	5.1	0.16	5	4.8	5.2
STD DS8	Standard	15	124	0.63	278	0.123	1	0.95	0.090	0.40	3.1	0.19	2.0	5.4	0.18	5	5.5	5.1
STD DS8	Standard	15	115	0.60	293	0.111	3	0.90	0.086	0.43	3.0	0.20	1.8	5.5	0.17	5	6.1	4.5
STD DS8	Standard	15	114	0.62	298	0.112	5	0.93	0.088	0.44	3.3	0.23	1.9	5.7	0.17	5	5.9	5.3
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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QUALITY CONTROL REPORT

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		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	0.3	1.7	2.9	54	<0.1	3.6	4.5	593	2.03	<0.5	4.4	5.5	62	<0.1	0.3	<0.1	37	0.53	0.076
G1	Prep Blank	<0.01	2.0	3.3	3.8	176	<0.1	4.2	4.5	582	2.07	<0.5	4.2	4.9	51	<0.1	5.0	<0.1	37	0.47	0.076



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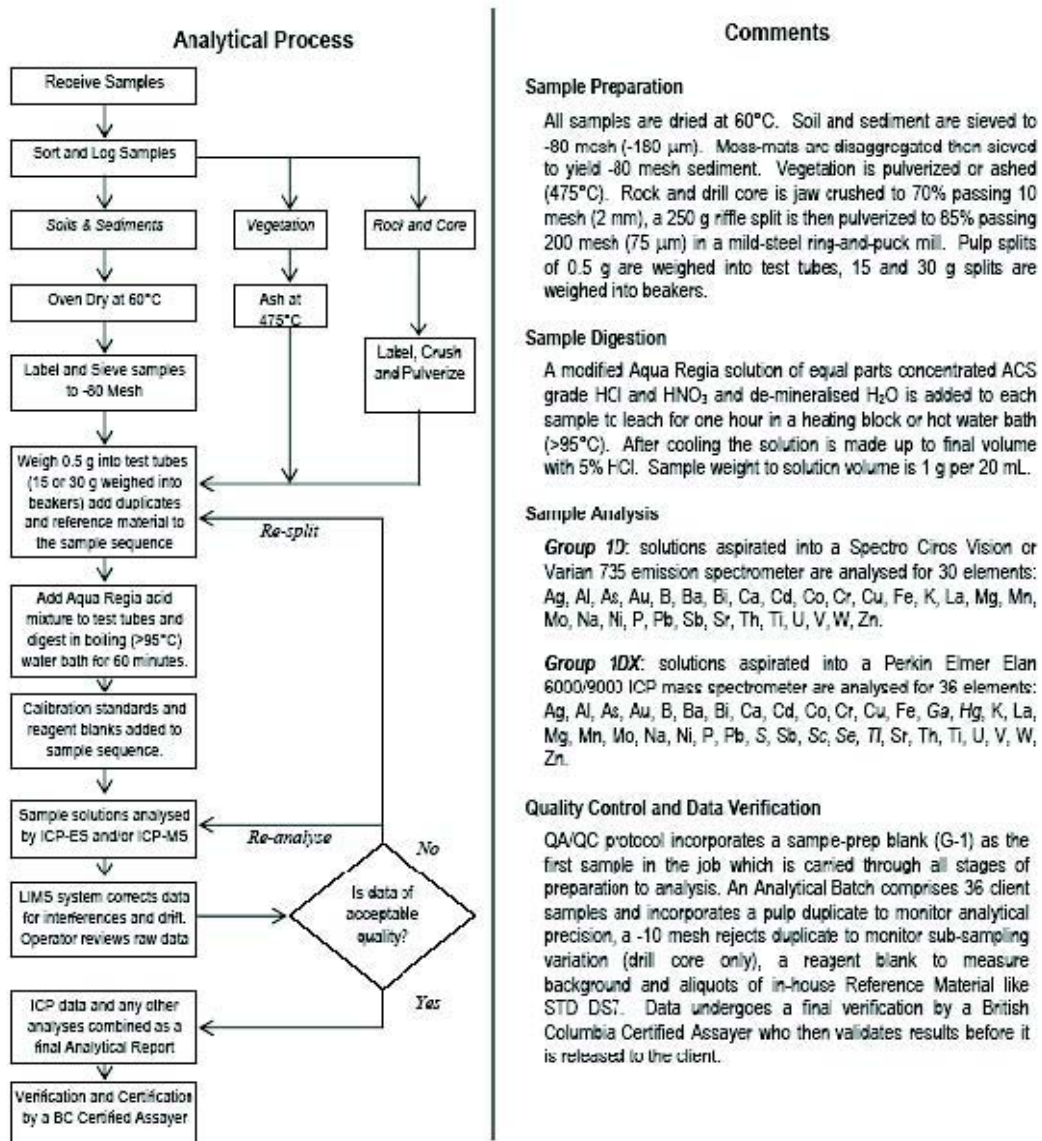
VAN11002862.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank	11	6	0.59	226	0.135	2	1.00	0.087	0.48	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	8	8	0.58	223	0.125	1	0.90	0.057	0.45	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2

Appendix E

Sample Preparation and Analyses

**METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE
GROUP 1D & 1DX – ICP & ICP-MS ANALYSIS – AQUA REGIA**



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Group 1D_1DX version 1.6 Revision Date: May 6, 2009

Sample Preparation and Analyses

Group 1D, 1DX ICP-ES & ICP-MS DETECTION LIMITS

	Group 1D Detection	Group 1DX Detection	Upper Limit
Ag	0.3 ppm	0.1 ppm	100 ppm
Al*	0.01 %	0.01 %	10 %
As	2 ppm	0.5 ppm	10000 ppm
Au	2 ppm	0.5 ppb	100 ppm
B ⁺ A	20 ppm	20 ppm	2000 ppm
Ba*	1 ppm	1 ppm	10000 ppm
Bi	3 ppm	0.1 ppm	2000 ppm
Ca*	0.01 %	0.01 %	40 %
Cd	0.5 ppm	0.1 ppm	2000 ppm
Co	1 ppm	0.1 ppm	2000 ppm
Cr*	1 ppm	1 ppm	10000 ppm
Cu	1 ppm	0.1 ppm	10000 ppm
Fe*	0.01 %	0.01 %	40 %
Ga*	-	1 ppm	1000 ppm
Hg	1 ppm	0.01 ppm	100 ppm
K*	0.01 %	0.01 %	10 %
La*	1 ppm	1 ppm	10000 ppm
Mg*	0.01 %	0.01 %	30 %
Mn*	2 ppm	1 ppm	10000 ppm
Mo	1 ppm	0.1 ppm	2000 ppm
Na*	0.01 %	0.001 %	10 %
Ni	1 ppm	0.1 ppm	10000 ppm
P*	0.001 %	0.001 %	5 %
Pb	3 ppm	0.1 ppm	10000 ppm
S	-	0.05 %	10 %
Sb	3 ppm	0.1 ppm	2000 ppm
Sc	-	0.1 ppm	100 ppm
Se	-	0.5 ppm	100 ppm
Sr*	1 ppm	1 ppm	10000 ppm
Th*	2 ppm	0.1 ppm	2000 ppm
Ti*	0.01 %	0.001 %	10 %
Tl	5 ppm	0.1 ppm	1000 ppm
U*	8 ppm	0.1 ppm	2000 ppm
V*	1 ppm	2 ppm	10000 ppm
W*	2 ppm	0.1 ppm	100 ppm
Zn	1 ppm	1 ppm	10000 ppm

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

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

Appendix F

MAIN LITHOLOGICAL FEATURES IN AURO DRILL CORES

Main lithological features of AURO drill cores

Maja Kiridzija, June 2011

This report presents brief conclusions on lithological features and mineralization of Auro drill holes. The report summarizes the remarks collected in the field during core logging. Therefore, it should be taken only as brief field observations.

AU11-1 (T5A-11) –MINERALIZATION!



- **Massive cpy, moly, pyrothite and pyrite on fractures (disseminated) mainly between 245-300m**
- Granodiorite, volcanic, andesite, hornfels, mineralized granodiorite
- **Chargability:** disseminated sulphide (py/cpy/moly/prt) and finer silicate (fine grained granodiorite)
- **Resistivity:** silica (granodiorite)

AU-11-2 (T5C-11) –MINERALIZATION!



- **Patches and disseminated py, cpy and pyrothite between 187-330m**
- Veins intersected volcanic transfer into volcanic/greywacke at 134m and then into leucite basalt at 189; at 289 hornfels
- **Chargability:** disseminated sulphide (py/cpy/moly/prt) and finer silicate (fine grained granodiorite)
- **Resistivity:** silica (granodiorite)

AU-11-3 (T4A-11)

- No mineralization
- Andesite tuff with spherulitic nodules (infilled with calcite) that transfers into pervasively weathered and oxidized brecciated volcanic
- **Geochemical target**

AU-11-4 (T4B-11)

- No mineralization
- Vesicular basalt transfers into gray volcanic with parallel flow banding and tiny cracks
- **Geochemical target**

AU-11-5 (T8A-11) - MINERALIZATION

- Strings of py at 30 tca through the whole core
- Quartz diorite transfers into granodiorite at 119m
- **Chargability**: strings of sulphide (pyrite)? and finer silicate (quartz diorite)
- **Resistivity**: silica (quartz and granodiorite)

AU-11-6 (T8C-11) –MINERALIZATION!



- ***Py, cpy and moly in strings, patches and disseminated in granodiorite and fine grained xenoliths from 124-396.2m.***
- After 85m of OB quartz diorite transfers into mineralized granodiorite at 125m. At the bottom super coarse granodiorite suggests close to central part of the intrusive.
- **Chargability**: disseminated sulphide (py/cpy/moly) and finer silicate (fine grained xenoliths in granodiorite)
- **Resistivity**: silica (granodiorite)

AU-11-7 (T6A-11)

- No mineralization
- OB until 38m and after that water and sand until 117.7m and below veins intersected volcanic (barren) up to the 182.9m
- **Chargeability:** water moving through faults? Sandy?
- **Resistivity:** missed (no silica)

AU11-8 (T7A-11) –MINERALIZATION



- Py, Prt and less cpy disseminated and in thin veinlets
- Mixture of volcanic and sediments (argillite/grawyacke and mudstone). Brecciated and veins intersected. Graphite intervals at 159m, 205m and 240m
- **Chargeability:** strong due to graphite intervals and disseminated sulphide (pyrite)
- **Resistivity:** missed (no silica)

T5B-11 –MINERALIZATION!



- ***Cpy, py, moly in veins and 40 tca; brecciated chunks of cpy; dissem cpy; between 129-181m***
- Interchanging of medium grained granodiorite and mafic volcanic
- **Chargeability:** disseminated sulphide (Cpy/py/moly)
- **Resistivity:** silica (granodiorite)

T1C-11

- Disseminated moly at 118?
- Mainly granodiorite, fine and medium grained; brecciated and altered
- **Geochemical target**

T1A-11

- No mineralization
- Lithic and felsic tuff and greywacke
- **Geochemical target**

T1B-11

- No mineralization
- Whole hole coarse grained granodiorite
- **Geochemical target**

T1E-11

- No mineralization
- Weathered breccia (melange) and mafic volcanic.
- **Geochemical target**