



REPORT

On the

KINCAID BRECCIA DIAMOND DRILL PROGRAM, PHASE I
(November 8, 2011 to March 13, 2012)

On the

BATCHAWANA COPPER PROPERTY
(Kincaid Township, Ontario)

For

Superior Copper Corporation
and
First Minerals Exploration Limited

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and
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April 15, 2012

SUMMARY

Surface geological mapping of the “Kincaid Breccia” area within claim 3015689 during the summer and fall of 2011 appeared to indicate a crescent shaped zone up to 200 metres wide in contact along a north- northwest trending fault block of Keweenawan basalts sitting as an outlier within Archean greenstones. The area was mapped as “Quartz/Hematite Breccia” and sampling returned numerous high grade assays for copper. It was assumed that the Kincaid Breccia was a diatreme or pipe-like breccia feature.

The recent diamond drill program designed to test the “Kincaid Breccia” has demonstrated a different picture geologically than had been assumed. Initial holes intersected mineralized vein breccia on the fault contact between the Keweenawan basalts and the Archean greenstones trending north-northwest and dipping 45 degrees east in the northern portion and 35 degrees east in the southern portion. Other holes intersected a mineralized Felsite or Polymictic breccia in the fault contact area. In some instances the breccia was separated by mafic intrusive dikes that had apparently utilized the same fault conduit as the pre-existing felsite dikes and hydrothermal fluids creating the vein and felsite breccias.

All drill holes indicated that in actuality the breccia zone was no wider than 10 metres in true width and that the dip of the zone and surface topographical exposure had created the illusion of a much wider breccia zone on surface.

Regardless, high grade assays for copper were returned on section 0+00 and 1+00 S, a strike length of 100 metres. Other holes on section 2+00 and 3+00 S indicated that the structure and mineralization demonstrate excellent continuity along the 300 metre tested strike length and down dip, but copper grades are inconsistent. It is unknown whether the zone may exhibit a plunge as the drill section spacing is quite wide at 100 metre intervals.

The high grade nature of the zone as intersected on section 0+00 and 1+00S indicates the need for additional testing.

The result of the reconnaissance geological mapping and diamond drilling of the Kincaid Breccia in 2011 and 2012, together with historical geological information, indicate that this general area is prospective to both the vein-breccia and breccia-porphphyry types of Cu-Ag mineralization.

There are a number of significant prospects in the Kincaid Breccia area and along the corridor which represents a down-faulted block of Keweenawan Basalt; these include:

a) Kincaid North Breccia:

The breccia occurs along strike 150 m north of the Kincaid Breccia and has malachite staining along the contact.

Recommendation: Geological mapping, prospecting and sampling, mapping the Keweenawan/Archean contact location; stripping and/or diamond drilling.

b) Kincaid East Breccia:

This breccia occurs 750 m east of Kincaid Breccia and is associated with ‘Jogran-type’ porphyry. Grab samples returned up to 11.05% Cu.

Recommendation: Prospecting and sampling, stripping, detailed mapping; optional test drilling dependent on results.

c) Kincaid Creek Prospect:

A mineralized felsite contains native copper and chalcocite and is spatially related to the contact/fault between Keweenawan Basalts and Archean mafic metavolcanics.

Recommendations: Prospecting and sampling, stripping, detailed mapping and sampling; two fans of drill holes near the contact and two fans of drill holes 30 metres from the contact for a total of 8 drill holes.

d) Malachite Creek Prospect:

Mineralized breccia/shear zone in Archean granitic rocks. Primarily malachite staining, but historical drilling intersected disseminated pyrite and chalcopyrite.

Recommendations: Prospecting and sampling, stripping, detailed mapping & sampling; test drilling if results warrant it.

e) Baseline Prospect:

The prospect consists of mineralized felsite, basalt, and quartz-carbonate-chalcopyrite vein; some of the felsite contains 2-4 g/t Au. Detailed mapping, sampling and a MMI survey was completed in the area (Tortosa 2003, 2005).

Recommendations: Prospecting and sampling in area; fan of 3 drill holes is proposed on the southern untested portion of the Baseline Prospect to test the mineralized system, and a second fan of 3 drill holes to test the auriferous felsite. The drill program would consist of 250 m per section for a total of 500 metres.

f) Kincaid Breccia (Main)

The 2011-12 drill program by Superior Copper/FMEL Joint Venture indicated continuity of a mineralized breccia zone at the contact between the Keweenawan Basalt and Archean mafic metavolcanics.

Recommendation: that the Kincaid Breccia zone be drill tested on 50 metre sections at section 0+50N and 0+50S with similar fans as was completed on section 0+00 and 1+00S. Two holes (one at -45 and one at -70) can be drilled at a point 30 metres from the contact and two holes (at the same inclination) can be drilled from a point 60 metres from the contact. Holes on the first set-up would be 30 and 40 metres in length and from the second set-up holes would be 50 and 60 metres in length. A total of 180 metres per section, for a grand total of 360 metres for the two sections @ \$150/metre (all-in) for a total cost of \$54,000.

g) Geological Mapping

Reconnaissance geological mapping was completed within claim 3015689 which identified the Kincaid Breccia and an additional breccia/quartz-hematite stockwork to the southeast. Historical mapping indicates that an on-strike extension to the Kincaid Breccia exists to the northwest.

Recommendation: Geological mapping and sampling along northeast-southwest traverses with 100 metre separation which would cover the Kincaid Breccia area and the Kincaid North Breccia. This would provide information on the contact location between the Keweenaw Basalts and the Archean mafic metavolcanics and felsic intrusives. The northeast contact would also be assessed for mineralization and any structural controls/brecciation.

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INTRODUCTION

In November, 2011, a diamond drill hole program was initiated on an area historically referred to as the 'Kincaid Breccia' on Superior Copper Corporation's Batchawana Copper Property located in Kincaid Township, Ontario. The first four drill holes were completed in 2011 before drilling activities were terminated due to deteriorating ground conditions. The program was re-started in February 2012 and an additional 7 drill holes were completed. A total of 1015 metres of NQ size drilling was completed to assess the extent of the copper mineralization on surface which was identified during the geological field mapping in the summer of 2011 (Edgar, 2011)

The Batchawana Copper Property consists of 39 claim blocks (324 units), and is held by First Minerals Exploration Limited (FMEL) and Superior Copper Corporation. Superior Copper Corporation has entered into an option and joint venture agreement with FMEL to obtain an undivided 50% right title and interest in the property.

The Kincaid Breccia diamond drill program consisted of 11 Holes for 1015 meters and was completed between November 8, 2011 and March 15, 2012.

LOCATION and ACCESS

The Batchawana Copper property is located 85 kilometres north-west of Sault Ste. Marie, and approximately 160 kilometres south of Wawa, Ontario. The Trans-Canada Highway (Highway 17) crosses the westernmost portion of the property.

A number of lumber roads provide access into the property from Highway 17. There are numerous bush roads and overgrown skidder and logging trails on the properties which are inaccessible to vehicles, but provide access on foot.

The main route into the Kincaid Breccia area is on a major logging road off Highway 17 which is about 2.5 km northeast of the historical Coppercorp Mine Road turnoff. A logging road accesses the drill site.

HISTORY

The Batchawana Copper Property has a long history of prospecting, exploration and mining activity dating to the mid-1800's. The Kincaid Breccia area is located in the north-central part of the Batchawana Copper Property and is approximately 6 kilometres northwest of the Coppercorp Mine which was developed on three levels in 1954 by Coppercorp Limited and later mined between 1965 and 1972.

The earliest exploration in the area of the Kincaid Breccia was by C.C. Huston and Associates who identified a number of copper prospects in the area, including the Baseline Cu-Ag-Au Prospect (Tortosa, 2003, 2005), The Kincaid Creek Occurrence (Brett, 1963), the Malachite Creek Prospect (Brett, 1964), and the Kincaid Breccia Occurrence (Giblin et al, 1973). These prospects and occurrences are characterized by the

presence of mineralized veins, breccias, and felsites or a combination of these, containing chalcopyrite, chalcocite, and native copper.

Coppercorp Limited

Coppercorp Limited completed a drill hole on the Kincaid Breccia area, but the exact location is not known (McMurtry, 1962). McMurchy identifies a 50-100 foot stripped area containing considerable malachite contained in a 'red felsite dike'. The drill hole intersected red fine-grained felsite and a siliceous zone which contained 0.3% copper over about 1 metre. No further drilling was recommended.

A. Gasparetto and R. Fenlon

More recently, Gasparetto and Fenlon (Gasparetto, 1999) completed geological mapping, VLF-EM and ground magnetic surveys in the area of the Kincaid Breccia. Gasparetto and Fenlon identified copper mineralization in exposures of the Kincaid Breccia, as well as a brecciated area 750 metres east of the Kincaid Breccia where they obtained grab samples containing up to 11% copper and 16 g/t silver. This mineralized breccia consisted of a highly hematized quartz breccia containing chalcocite. The breccia was identified to be at the margin of a small porphyry plug containing disseminated chalcocite.

Intrepid Minerals Corporation

Intrepid Minerals Corporation completed geological mapping, a regional gravity survey, prospecting and rock sampling, and diamond drilling in the Kincaid Breccia area in 2002-2003 as part of a larger land package (Mackie, 2003). Mackie (2003) interpreted the Kincaid Breccia area as a northwest trending zone of quartz stock work 100-200 metres wide which could be trace over 3,500 metres. Intrepid Minerals identified the presence of chalcocite and chalcopyrite associate with the Kincaid Breccia which fell within this wide zone of quartz stock work. The quartz stock work was associated with quartz-feldspar porphyry sills, dikes, plugs and related breccia bodies. A drill hole (B02-02), designed to test a high magnetic anomaly in the area, intersected iron formation.

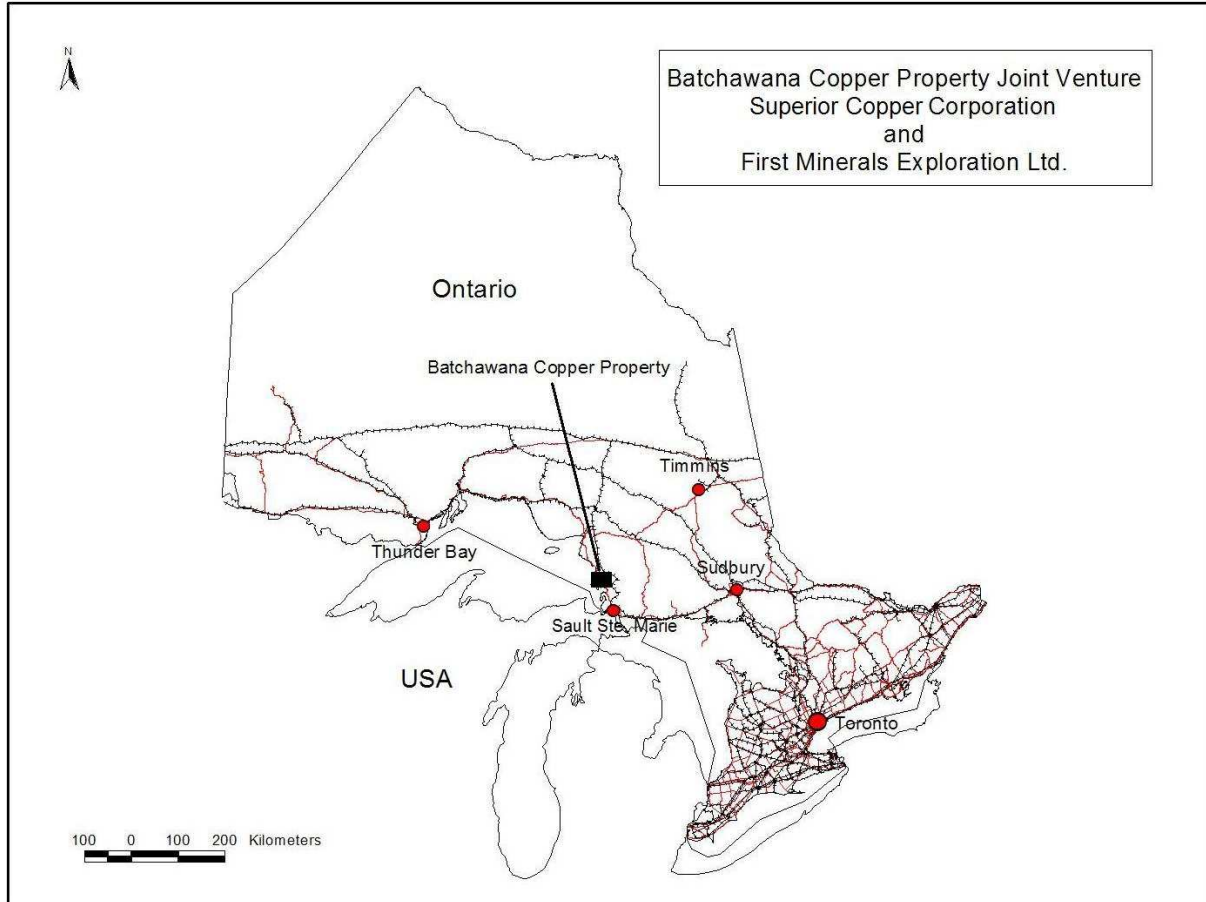
Cenit Corporation (now Superior Copper Corporation) and FMEL

Cenit Corporation (now Superior Copper Corporation) completed a reconnaissance geological and sampling survey which covered the 16 unit claim block SSM 3015689 (Edgar, 2011). The geological mapping and sampling identified two areas with significant copper mineralization: the historical Kincaid Breccia and a second area of breccia and quartz-hematite stock work about 1 km southeast of the Kincaid Breccia area. Four grab samples for the Kincaid Breccia returned greater than 1.5% Cu, including one sample with 17.1% Cu, 23.4 g/t Ag and another with 3.44% Cu, 29.6 g/t Ag.

Both breccias are located on the southwest side of a potential fault system trending north-westerly across the property. Giblin (1973) postulated that the brecciation and injection of the hydrothermal fluids was facilitated by faulting. In the Kincaid Breccia area, Giblin

believes that a graben, or down-dropped fault block, explains the presence of a truncated band of Keweenawan-aged basalts sitting within Archean-age metavolcanics.

Figure 1: Batchawana Copper Property Location Map



GEOLOGICAL SETTING

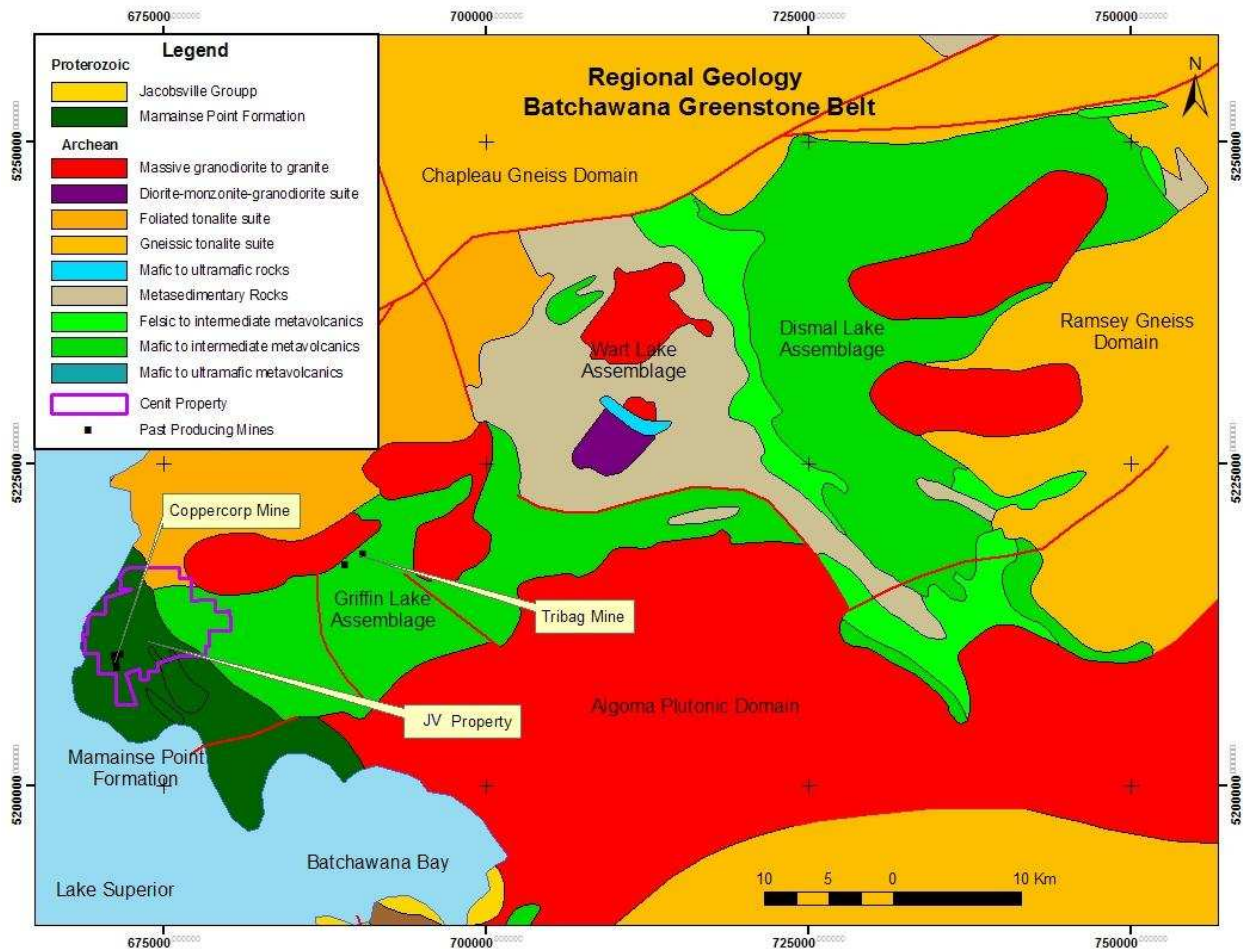
Regional Geology

The Batchawana Copper Property is located within an area underlain by Neohelikian basalts and interflow conglomerates of the Mamainse Point Formation deposited within the Lake Superior Rift Basin approximately 1150-1200 Ma BP. The flows unconformably overlie older Archean granites and a greenstone basement of the Batchawana Greenstone Belt, and all units dip about 30 degrees west towards Lake Superior.

The basalt flows and underlying basement are intruded by younger (approx. 1100 to 1030 Ma) felsic intrusives. It appears that all of the local copper, gold, silver and other

metal mineralization is associated with the emplacement of a felsic intrusive source (Richards, 1985 and 1989).

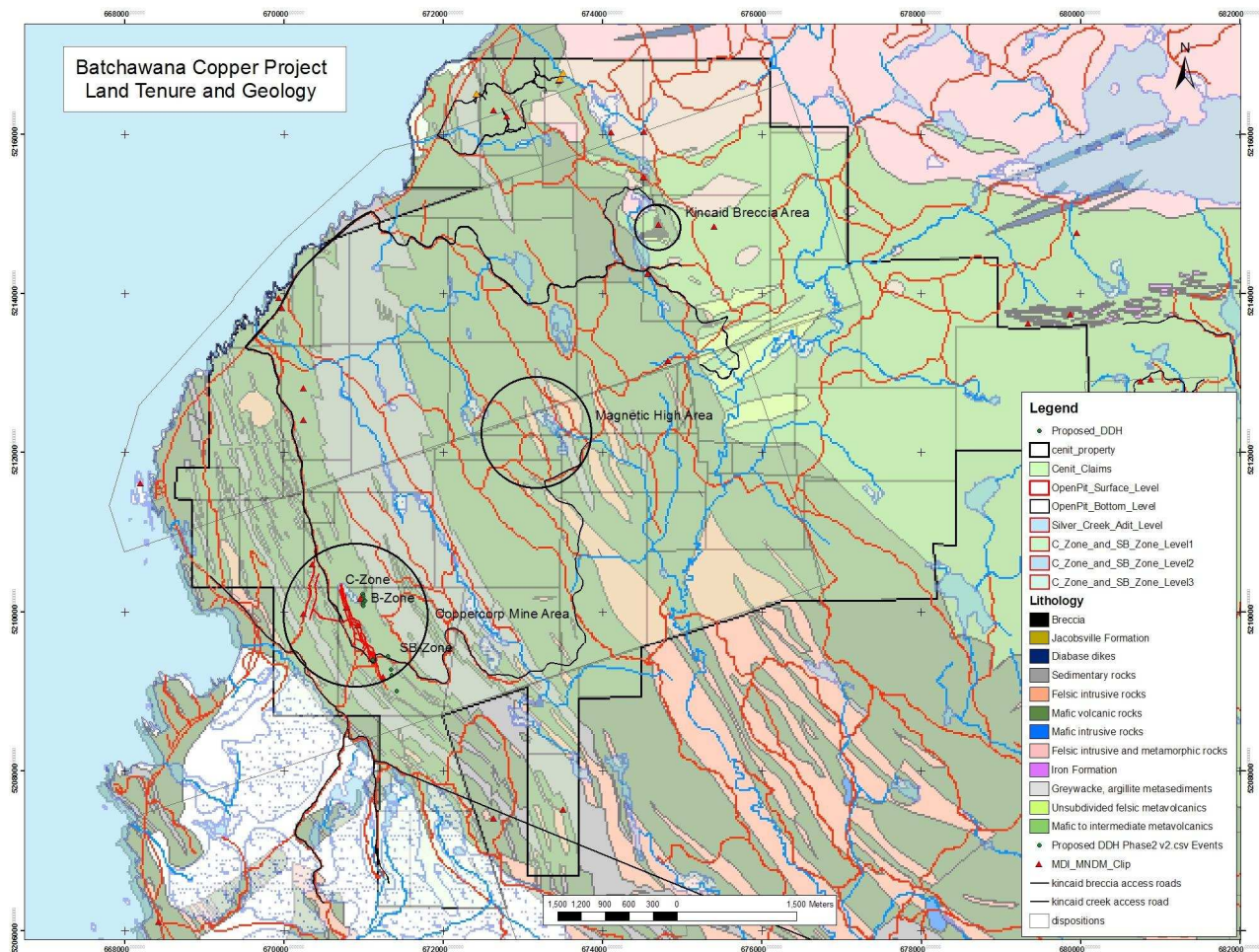
Figure 2: Regional Geology in the area of the Batchawana Copper Property (after Geology of Ontario, OGS, 1991)



Property Geology

The easternmost portion of the property consists of rocks of the Batchawana Greenstone Belt, dominated primarily by mafic to intermediate metavolcanics with minor felsic metavolcanic units. These Archean rocks have been metamorphosed up to amphibolite facies resulting in northeast trending isoclinal folds and a penetrative fabric with steep dips. The rocks have been intruded by felsic dikes, porphyry and breccias of Keweenawan age and are related to the felsic volcanic and intrusive rocks of the Mamainse Point Formation which occur in the western $\frac{3}{4}$ of the property.

Figure 3: Land Tenure and Property Geology (after Giblin, 1973)
 (NOTE: Full Scale map in Appendix VI)



The Mamainse Point Formation consists of a 6 kilometre thick sequence of flood basalts and subordinate intervening conglomerates dipping westerly at 30 to 40°. These rocks are intruded by stocks and subvolcanic intrusions of felsic rocks of a slightly younger age.

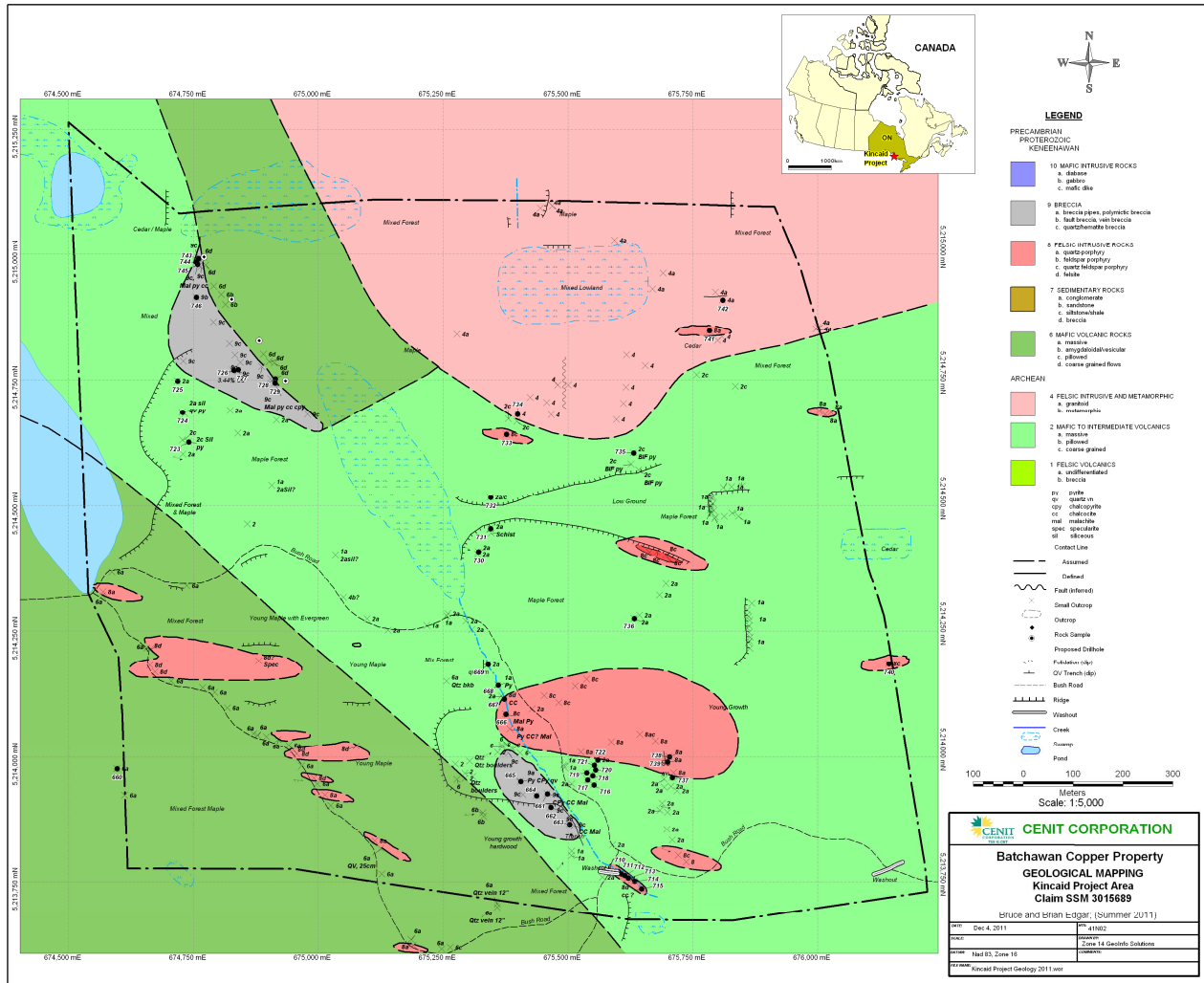
Copper mineralization in the form of chalcocite, chalcopyrite, bornite and native copper, and other ore minerals (silver and gold) are found in veins or vein breccia in fractured rock along faults which trend at 160° and 020° and dip moderately to the east. Mineralization appears to favour relatively competent basalts rather than conglomerate horizons.

Local Geology

Archean Rocks

Reconnaissance geological mapping on claim SSM 301589 identified the presence of Archean mafic metavolcanics and granitic rocks over much of the claim block (Edgar, 2011). The mafic metavolcanics are dark green, fine to medium-grained, and are both massive to weakly foliated, and locally, moderately foliated. The north-eastern and north central parts of the claim block are underlain by granitoid rocks. The granitic rocks are generally medium to coarse-grained, slightly pinkish in colour, and are predominantly quartz and feldspar with lesser amounts of mafic minerals, often micaceous.

Figure 4: Local Geology, Kincaid Breccia area, Claim SSM 3015689 (after Edgar, 2011)
(NOTE: Full scale map in Appendix VI)



Keweenaw Rocks

Keweenaw basalts are found in the south-western part of the claim block and as a truncated block in the north-western part of the claim block. The basalts are generally fine-grained containing coarse amygdules filled with calcite, quartz, epidote, dark chlorite, and occasionally potassic feldspar. Basalts vary in colour from dark gray, to epidotitic green, to a red-brown hematitic colour, and reflect the variety and degree of

alteration. Some basalt can exhibit a gabbroic texture with coarse-grained dark phenocrysts in an epidotized feldspar phenocryst matrix (Edgar, 2011).

Keweenawan felsic intrusive rocks are manifest as quartz porphyries, quartz-feldspar porphyries, and felsite (Edgar, 2011). The felsic rocks appear to intrude Archean metavolcanics and gneissoids as well as Keweenawan mafic volcanics. The felsic intrusives vary from light shades of red/orange to red/brown, are aphanitic to very fine grained, and contain coarse quartz and feldspar phenocrysts. Some of the felsic rocks display a ‘flow banding’ or fluidal appearance and contained fine disseminated pyrite.

Two areas of brecciation were identified: the historical Kincaid Breccia in the north-western part of the claim, and a second area about 1 kilometre southeast of the Kincaid Breccia. Both areas consist of a quartz-hematite breccia with predominantly felsite fragments and lesser basaltic fragments. The Kincaid Breccia appears as deep red-coloured hematized fragments of felsite with interstitial milky to pinkish quartz and calcite. The Kincaid Breccia exhibits specks and masses of chalcocite, chalcopyrite, malachite, and lesser bornite in proximity to the contact with the Keweenawan basalt. Significant copper and silver values were obtained from surface grab samples.

DIAMOND DRILLING PROGRAM

Between November 8, 2011 and March 13, 2012, Cenit Corporation (now Superior Copper Corporation) completed a diamond drill program consisting of 11 NQ-size drill holes for a total of 1015 meters on the Kincaid Breccia Prospect located in the north central portion of the Batchawana Copper property in Kincaid Townships, Ontario (Figure 5, Table 1).

Table 1: Summary of Kincaid Breccia DDH Program 2011-2012

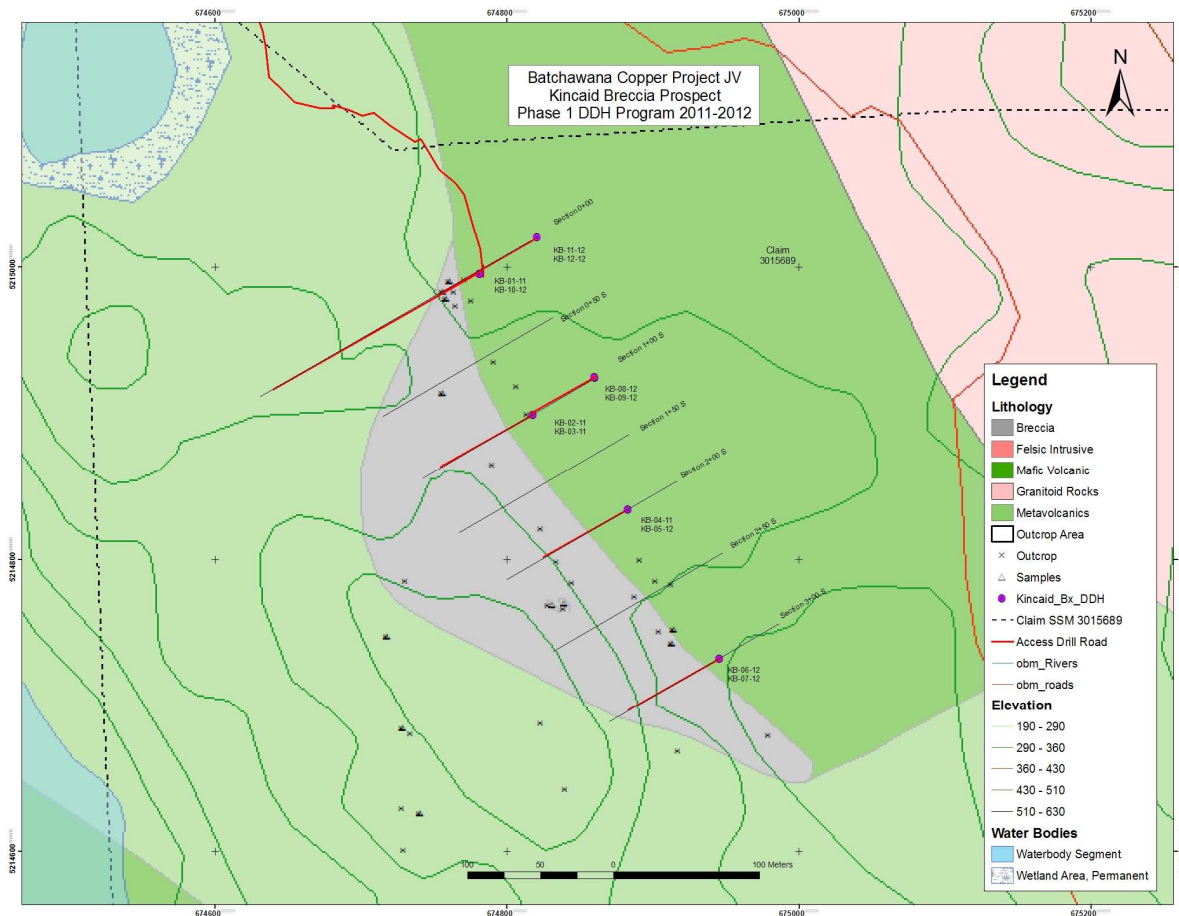
Kincaid Breccia Phase 1 DDH Program 2011-2012										
DDHID	Section	Azimuth	Dip	Length	Easting	Northing	Elevation	Grid S	Grid E	Prospect
KB-01-11	Section 0+00	232	-44	231	674782	5214996	336	0+00 S	0+00 E	Kincaid Bx
KB-02-11	Section 1+00 S	237	-45	112	674818	5214899	350	1+00 S	0+00 E	Kincaid Bx
KB-03-11	Section 1+00 S	237	-68	104	674818	5214896	350	1+00 S	0+00 E	Kincaid Bx
KB-04-11	Section 2+00 S	235	-45	93	674883	5214839	357	2+00 S	0+00 E	Kincaid Bx
KB-05-12	Section 2+00 S	239	-70	91	674883	5214839	357	2+00 S	0+00 E	Kincaid Bx
KB-06-12	Section 3+00 S	235	-46	69	674935	5214765	339	3+00 S	0+00 E	Kincaid Bx
KB-07-12	Section 3+00 S	235	-70	51	674935	5214765	339	3+00 S	0+00 E	Kincaid Bx
KB-08-12	Section 1+00 S	238	-61	72	674838	5214920	331	1+00 S	0+50 E	Kincaid Bx
KB-09-12	Section 1+00 S	242	-80	66	674838	5214920	331	1+00 S	0+50 E	Kincaid Bx
KB-10-12	Section 0+00	239	-69	54	674782	5214996	336	0+00 S	0+00 E	Kincaid Bx
KB-11-12	Section 0+00	241	-45	72	674822	5215020	338	0+00 S	0+50 E	Kincaid Bx
Total Phase 1 Drilling				1015						

The drill holes were designed to test the depth and strike extent of copper-silver mineralization found in the Kincaid Breccia during the 2011 geological mapping and sampling program (Edgar, 2011). Four drill hole fans, each consisting of two holes, were located close to the Keweenaw Basalt/Breccia contact and spaced at 100 metre intervals. Three drill holes were set back about 30 metres northeast of two drill fans to test the down-dip continuation of the mineralization, lithology and structure.

Drill holes were oriented at 240° azimuth and -45° and -70° dip. Down-hole dip and azimuth tests were completed at the beginning and end of each hole and at 50 metre intervals. Due to the short hole lengths, casing were removed and the drill location identified with a picket. Once drill holes were completed an averaged GPS location was obtained using a WAAS-enabled GPS for the drill site.

Superior Drilling of Sault Ste. Marie Ontario was engaged by the company to perform surface diamond drilling using a BBS-37 Diamond Drill to recover NQ wire-line core. Drilling was performed under the supervision of the, Mr. Bruce Edgar (H. BSc., P. Geo.) and Mr. Brian Edgar (H. BSc.). Project management was provided by Mr. Delio Tortosa

Figure 5: Kincaid Breccia Diamond Drill Hole Location Map
(NOTE: Full scale map in Appendix VI)



(M. Sc., P. Eng.). Assaying was performed by AGAT Laboratories of Mississauga, Ontario, an accredited laboratory. Standards and blanks were provided by Accurassay of Thunder Bay, Ontario, an accredited laboratory, and periodically inserted into the sampling stream as part of quality assurance for the assaying process.

Geological Units

Keweenawan

Basalt

Basalts account for approximately 22% of the rock types intersected during the diamond drill program on the Kincaid Breccia. All holes were collared in the Keweenawan basalts. These rocks can vary in color from dark grey to green to epidotitic green to hematitic red/brown. Grain size varies from very fine through to medium/coarse grained flows. All units are massive and can exhibit frequent to prolific calcite, quartz, epidote, chlorite and more rarely, potassic feldspar amygdules. The amygdules are sometimes rimmed by the aforementioned minerals. Dark, black, chloritic phenocrysts, often prolific, are common. Contacts between units are often gradational and areas of prolific amygdules could represent flow tops. The units most commonly demonstrate overall hematite and epidote alteration. Silicification can occur in proximity to veining or intrusive dikes, and calcium carbonitization shows a general increase in proximity to areas of quartz/calcite veining or breccia. Units are generally weakly magnetic, but can be more strongly magnetic locally. Fine calcite/quartz and often epidote fracture linings are common, increasing in proximity to veining and vein breccia.

Mafic Intrusive

Approximately 5% of the rock types observed were mafic intrusive dikes. These units exhibit very fine to fine grain size, are massive, and generally dark grey/black in color with a minor reddish hue. They exhibit sharp contacts and chilled, cherty, margins. The mafic intrusives generally exhibit quite strong magnetism and blocky fracturing. Hematitic fracture lining is common and finely disseminated pyrite to 1% is observed. The mafic intrusive dikes are intersected on the contact with, or in close proximity to, faulting.

Breccia

Three main types of breccia were intersected during the drill program amounting to approximately 7% of the rock types witnessed.

Felsite Breccia

This unit is characterized by a milky, siliceous, often reddish colored matrix surrounding angular fragments of brick-red hematized felsite. The felsite fragments are very fine grained to aphanitic. Often the felsite appears auto-brecciated with little matrix material. The felsite fragments can contain trace to less than 1% fine disseminated pyrite.

Polymictic Breccia

This unit represents the “Kincaid Type” breccia witnessed during surface mapping in the area, often referred to as “quartz/hematite breccia”. The unit exhibits a milky, siliceous often reddish colored matrix surrounding angular fragments of basalt, mafic volcanic and occasionally felsite. The fragments are often hematized to varying degrees and are often closely packed with very little matrix material evident.

Vein Breccia

Vein breccia is characterized by calcite- rich, siliceous veining carrying angular fragments of basalt, mafic volcanic and occasionally felsite. The vein breccia is located within a fault contact with the Keweenawan basalts and the Archean mafic volcanics. The fragments can be hematized to varying degrees.

Archean

Mafic Metavolcanics

The mafic volcanics are generally a dark chloritic green to green-grey color, very fine to fine grained and massive to weakly foliated. They are often epidotized to varying degrees and exhibit frequent siliceous fracture lining, with fractures commonly found along the foliation direction. The mafic volcanics can be very hard and silicified in proximity to felsic intrusives. They are generally weakly magnetic but can display strong magnetism in sections. Calcium carbonitization generally increases towards contacts with veining. Fine feldspar laths are evident in places giving a spotted appearance, sometimes the laths are epidotized, and often fine, hairline epidote fracture lining is witnessed. Mafic metavolcanic units represent approximately 45% of the rock types witnessed.

Felsic Intrusives

Felsic Intrusives account for approximately 12% of the rock types witnessed. They are generally very fine grained to aphanitic, and range in color from grey to tan-grey and occasionally slightly pinkish. They are hard and siliceous and exhibit blocky fracturing with siliceous infill, and in places chloritic infill. The units are generally massive but can be weakly foliated to fluidal. Margins with other units are cherty and chilled. Some units exhibit fine, random, indistinct feldspar and quartz phenocrysts. Others exhibit coarse, prolific feldspar phenocrysts (Feldspar Porphyry), some a mottled feldspar appearance, and some exhibit coarse quartz eyes accompanying the feldspar phenocrysts

(Feldspar/Quartz Porphyry). In some instances, the felsic intrusives carry fragments or minor intercalations of mafic volcanic.

Mineralization

Finely disseminated, randomly distributed pyrite can be found in all units previously described. In some instances, especially within the mafic metavolcanics, cubic pyrite can be found. In general, pyrite is found in amounts from trace to less than 1%.

Copper mineralization in the form of chalcocite, malachite and chalcopyrite, and rarely native copper, was witnessed in numerous locations.

Within mineralized sections of vein breccia, chalcocite can be found as specks, masses, lineations and occasionally as pseudo veinlets within the siliceous/calcite matrix and within the brecciated host rock fragments. Occasional fine specks of native copper were also witnessed in a few instances. Masses of malachite were often witnessed within the matrix, interstitially between fragments, and on fragments of host rock.

Felsite breccia areas often demonstrated chalcocite as specks, masses, lineations and pseudo-veinlets within the siliceous/calcite matrix and interstitially between fragments. Often chalcocite specks and masses were found within the felsite fragments, and more rarely native copper. Malachite was also present.

Within mineralized sections of polymictic breccia (Kincaid Type) fine specks and occasional masses of chalcocite may be found, as well as small masses of malachite, within the milky siliceous matrix and interstitially between fragments.

Chalcopyrite can be found in all types of breccia intersected in the drill program, though generally in minor amounts in comparison to chalcocite. Chalcopyrite as specks and masses was more common within quartz stringers and veinlets within the mafic metavolcanics, and occasionally within the felsic intrusives.

In some instances specks of chalcocite were found within basalt units in proximity to vein breccia and felsite breccia, and in siliceous/calcite infillings and stringers/veinlets.

Significant Assays

Table 2 outlines the significant results obtained during the Phase 1 Diamond Drill Program of the Kincaid Breccia. The composite assays represent weighted assays averages.

Table 2: Composite Assays for the Kincaid Breccia DDH Program Phase 1

Hole ID	Azimuth	Dip	From (m)	To (m)	Length (m)	Cu %	Ag gpt
KB-01-11	232	-44	19.50	22.30	2.80	1.36	3.6
			26.6	32.6	6.00	0.18	0.24
			123.10	123.60	0.50	2.05	4.1
KB-02-11	237	-45	18.00	21.63	3.63	1.57	3.5
		incl	20.40	21.63	1.23	3.69	6.6
			26.60	29.00	2.40	2.82	5.6
KB-03-11	237	-68	21.80	22.70	0.90	1.25	7.30
			25.60	30.20	4.60	0.32	0.8
KB-04-11	235	-45	90.80	92.60	1.80	0.24	1.1
KB-05-11	239	-70	37.80	39.00	1.20	0.48	1.50
			41.90	45.50	3.60	0.32	1.1
KB-06-12	235	-46	11.48	19.98	8.50	0.11	0.3
			28.00	29.50	1.50	0.32	2.4
			41.30	43.10	1.80	0.27	2.0
KB-07-12	235	-70	12.58	13.78	1.20	0.48	0.8
KB-08-12	238	-61	39.90	44.70	4.80	1.44	2.8
KB-09-12	242	-80	N/A				
KB-10-12	239	-69	25.40	28.00	2.60	0.82	5.3
KB-11-12	241	-45	57.89	60.29	2.40	0.97	1.0

Geological Drill Hole Cross Sections

Four cross sections were constructed to depict the geology, structure and mineralization related to the Kincaid Breccia and the contact between Keweenawan Basalts and Archean Greenstones. The two northernmost cross sections also include the set back drill holes designed to test the down-dip continuation of the high-grade mineralization intersected in the initial drill holes.

Cross Section: 0+00 (DDH: KB-01-11, KB-10-12, KB-11-12)

All drill holes intersected a 10 metre wide breccia zone containing felsite breccia and vein breccia, and is intruded by a fine grained mafic dike. Felsite breccia and vein breccia are in contact with Archean mafic metavolcanics. A vein breccia is in contact with the Keweenawan basalts.

The breccia zone dips between 40 and 45° northeast and separates the Keweenawan basaltic rocks in the hanging wall from Archean mafic metavolcanics in the footwall, which are intruded by felsite, felsic intrusives and feldspar porphyry.

Mineralization in the in the felsite breccia consists of small specks and blebs of chalcocite. The average grade is 0.2% Cu over 6 metres. Mineralization in the vein breccia consists of specs and masses of chalcocite, and in places semi-massive chalcocite bands. Mineralization extends into the adjacent basalts and the average grade is 1.36% Cu, 3.64 g/t Ag over 2.8 metres.

Cross Section: 1+00 S (DDH: KB-02-11, KB-03-11, KB-08-12, KB-09-12)

The two fans of drill holes intersected a 6 to 10 metre wide breccia zone containing felsite breccia and vein breccia intruded by a mafic dike. The felsite breccia occurs on the footwall side of the breccia zone in contact with Archean mafic metavolcanics, and the vein breccia occurs on the hanging wall side of the breccia zone in contact with Keweenawan basalts. A fine grained mafic dike intrudes the breccia zone and appears to split into two dikes down-dip.

The breccia zone dips at about 40° northeast and can be traced to a 60 metre depth. The breccia zone separates the Keweenawan Basalts in the hanging wall from the Archean mafic metabolcanics in the footwall, which are intruded by feldspar porphyry, felsic intrusives and felsite (flow banded).

There is a rapid change in the grade of the copper mineralization in the felsite breccia with increasing depth (2.82% Cu over 2.4 metres to 0.32% Cu over 4.6 metres). The felsite breccia with high-grade mineralization is strongly hematized and contains irregular patches of chalcocite along with specs of native copper. The lower grade felsite breccia contains small blebs of native copper and specks of chalcocite.

The vein breccia and adjacent Keweenawan basalts are both mineralized with chalcopyrite forming interstitial masses and blebs. Grades range from 3.7% over 0.3 metres to 1.57% over 3.63 metres.

Cross Section: 2+00 S (DDH: KB-04-11, KB-05-12)

Both drill holes intersected an 8 metre wide breccia zone containing felsite breccia and vein breccia intruded by a fine grained mafic dike. Both the felsite breccia and vein breccia are in contact with Archean mafic metavolcanics. The hanging wall of the breccia zone is occupied primarily by a fine grained mafic dike, which appears to splay into the hanging wall basalts.

The breccia zone and associated mafic dike dip at about 35-40° northeast and separate the Keweenaw basalts in the hanging wall from Archean mafic metavolcanics in the footwall which are intruded by feldspar porphyry and felsic intrusives.

Mineralization in the breccia zone consists of fine specs of chalcocite and very fine grained native copper. Grades vary from 0.08% Cu over 5.4 metres to 0.32% Cu over 3.6 metres.

Cross Section: 3+00 S (DDH: KB-06-12, KB-07-12)

The two drill holes intersected a 6 to 8 metre thick breccia zone containing felsite, felsite breccia, and vein breccia. Mafic dikes intrude the Keweenaw basalts in the hanging wall of the breccia zone, but not within it. Both the felsite breccia and vein breccia are in contact with the Archean mafic metavolcanics, and the vein breccia is in contact with the Keweenaw basalts.

The breccia zone dips at about 35° northeast, but does not appear to have linear continuity in the hanging wall contact with the Keweenaw basalt. A separate zone of brecciation was intersected in the Archean mafic metavolcanics, but was not intersected in the stepper drill hole, and so does not appear to have significant continuity.

Mineralization is contained within vein breccia and felsite breccia and consists of specs and blebs of chalcocite and malachite within siliceous veins and matrix. Copper grades from vary 0.1% Cu over 8 metres to 0.3% Cu over 1-2 metres.

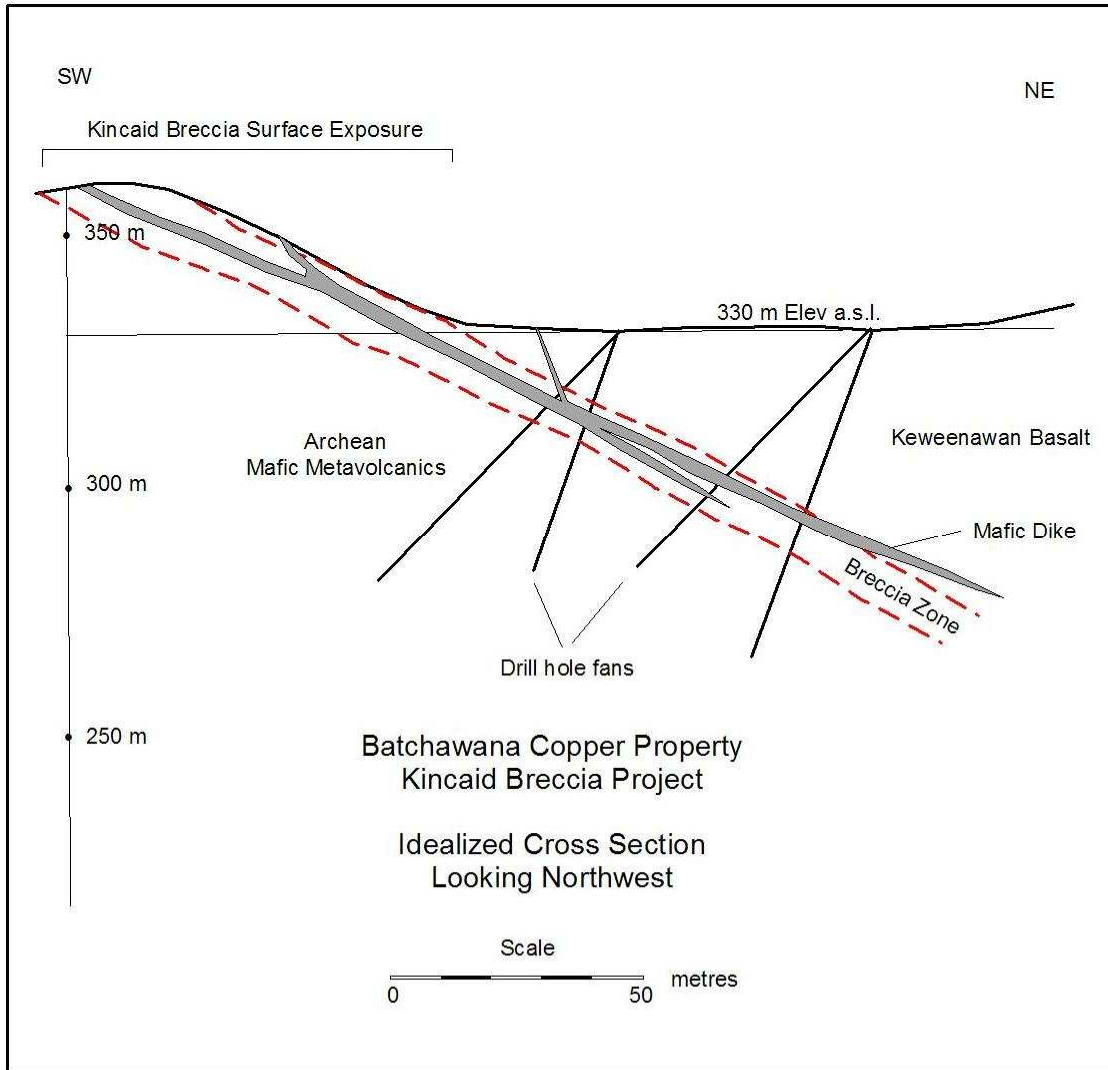
DISCUSSION

The Kincaid Breccia is characterized by the presence of a breccia zone varying from 6-10 metres in true width. The breccia zone changes from a 40-45° dip northeast in the north to about 35° in the south and trends in a north-northwest direction.

The breccia zone is composed of both a felsite breccia and a vein breccia which are intruded, and often separated by, a fine-grained mafic dike with a similar dip. The felsite breccia occurs predominantly on the footwall side of the breccia zone in contact with the Archean mafic metavolcanics, whereas the vein breccia more commonly occurs in contact with the Keweenaw basalts.

Mineralization in the form of chalcocite, chalcopyrite, and native copper occur within the breccia zone as well as in the immediate hanging wall basalts. High-grade copper-silver mineralization occurs in both the felsite breccia and the vein breccia as well as in some of the basalts in the immediate hanging wall. Low grade copper-silver mineralization also occurs in both the felsite breccia and vein breccia. High-grade zones change dramatically to low-grade zones over short distances along the dip of the breccia zone.

Figure 6: Structural Model for the Kincaid Breccia



There is good continuity of the breccia zone along strike and down-dip, and defines a “structural zone” that separates the wedge of Keweenaw basalts from the Archean mafic metavolcanics. The shallow dip of the breccia zone intersects the local topography resulting in a wide, irregular area of surface exposure, historically known as the Kincaid Breccia.

The Kincaid Breccia/Structural Zone and variable copper-silver mineralization has been outlined by drilling over a distance of 400 metres and to a depth of 60 metres. Additional breccia zones have been identified along strike to the southeast (Edgar, 2011) and to the northwest (Giblin, 1973) and likely represent a continuation of this structure over a distance of 1200 metres.

The lack of continuity of the high-grade copper-silver mineralization along strike and down-dip on a well-define structure is perplexing; however, low-grade mineralization appears to be more pervasive.

CONCLUSIONS

Surface geological mapping of the “Kincaid Breccia” area within claim 3015689 during the summer and fall of 2011 appeared to indicate a crescent shaped zone up to 200 metres wide in contact along a north- northwest trending fault block of Keweenawan basalts sitting as an outlier within Archean greenstones. The area was mapped as “Quartz/Hematite Breccia” and sampling returned numerous high grade assays for copper. It was assumed that the Kincaid Breccia was a diatreme or pipe-like breccia feature.

The recent diamond drill program designed to test the “Kincaid Breccia” has demonstrated a different picture geologically than had been assumed. Initial holes intersected mineralized vein breccia on the fault contact between the Keweenawan basalts and the Archean greenstones trending north-northwest and dipping 45 degrees east in the northern portion and 35 degrees east in the southern portion. Other holes intersected a mineralized Felsite or Polymictic breccia in the fault contact area. In some instances the breccia was separated by mafic intrusive dikes that had apparently utilized the same fault conduit as the pre-existing felsite dikes and hydrothermal fluids creating the vein and felsite breccias.

All drill holes indicated that in actuality the breccia zone was no wider than 10 metres in true width and that the dip of the zone and surface topographical exposure had created the illusion of a much wider breccia zone on surface.

Regardless, high grade assays for copper were returned on section 0+00 and 1+00 S, a strike length of 100 metres. Other holes on section 2+00 and 3+00 S indicated that the structure and mineralization demonstrate excellent continuity along the 300 metre tested strike length and down dip, but copper grades are inconsistent. It is unknown whether the zone may exhibit a plunge as the drill section spacing is quite wide at 100 metre intervals.

The high grade nature of the zone as intersected on section 0+00 and 1+00S indicates the need for additional testing.

RECOMMENDATIONS

The result of the reconnaissance geological mapping and diamond drilling of the Kincaid Breccia in 2011 and 2012, together with historical geological information, indicate that this general area is prospective to both the vein-breccia and breccia-porphyry types of Cu-Ag mineralization.

There are a number of significant prospects in the Kincaid Breccia area and along the corridor which represents a down-faulted block of Keweenawan Basalt; these include:

a) Kincaid North Breccia:

The breccia occurs along strike 150 m north of the Kincaid Breccia and has malachite staining along the contact.

Recommendation: Geological mapping, prospecting and sampling, mapping the Keweenawan/Archean contact location; stripping and/or diamond drilling.

b) Kincaid East Breccia:

This breccia occurs 750 m east of Kincaid Breccia and is associated with 'Jogran-type' porphyry. Grab samples returned up to 11.05% Cu.

Recommendation: Prospecting and sampling, stripping, detailed mapping; optional test drilling dependent on results.

c) Kincaid Creek Prospect:

A mineralized felsite contains native copper and chalcocite and is spatially related to the contact/fault between Keweenawan Basalts and Archean mafic metavolcanics.

Recommendations: Prospecting and sampling, stripping, detailed mapping and sampling; two fans of drill holes near the contact and two fans of drill holes 30 metres from the contact for a total of 8 drill holes.

d) Malachite Creek Prospect:

Mineralized breccia/shear zone in Archean granitic rocks. Primarily malachite staining, but historical drilling intersected disseminated pyrite and chalcopyrite.

Recommendations: Prospecting and sampling, stripping, detailed mapping & sampling; test drilling if results warrant it.

e) Baseline Prospect:

The prospect consists of mineralized felsite, basalt, and quartz-carbonate-chalcopyrite vein; some of the felsite contains 2-4 g/t Au. Detailed mapping, sampling and a MMI survey was completed in the area (Tortosa 2003, 2005).

Recommendations: Prospecting and sampling in area; fan of 3 drill holes is proposed on the southern untested portion of the Baseline Prospect to test the mineralized system, and a second fan of 3 drill holes to test the auriferous felsite. The drill program would consist of 250 m per section for a total of 500 metres.

f) Kincaid Breccia (Main)

The 2011-12 drill program by Superior Copper/FMEL Joint Venture indicated continuity of a mineralized breccia zone at the contact between the Keweenaw Basalt and Archean mafic metavolcanics.

Recommendation: that the Kincaid Breccia zone be drill tested on 50 metre sections at section 0+50N and 0+50S with similar fans as was completed on section 0+00 and 1+00S. Two holes (one at -45 and one at -70) can be drilled at a point 30 metres from the contact and two holes (at the same inclination) can be drilled from a point 60 metres from the contact. Holes on the first set-up would be 30 and 40 metres in length and from the second set-up holes would be 50 and 60 metres in length. A total of 180 metres per section, for a grand total of 360 metres for the two sections @ \$150/metre (all-in) for a total cost of \$54,000.

g) Geological Mapping

Reconnaissance geological mapping was completed within claim 3015689 which identified the Kincaid Breccia and an additional breccia/quartz-hematite stockwork to the southeast. Historical mapping indicates that an on-strike extension to the Kincaid Breccia exists to the northwest.

Recommendation: Geological mapping and sampling along northeast-southwest traverses with 100 metre separation which would cover the Kincaid Breccia area and the Kincaid North Breccia. This would provide information on the contact location between the Keweenaw Basalts and the Archean mafic metavolcanics and felsic intrusives. The northeast contact would also be assessed for mineralization and any structural controls/brecciation.

Respectfully Submitted,

April 15, 2012

Bruce Edgar (HBSc, P. Geo.)

Delio Tortosa (M.Sc., P. Eng.)

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Tortosa, D., 2005, MMI Geochemical Survey Report on the South Baseline Property, Mamainse Point Area, Ontario; Sault Ste. Marie District Assessment Files.

QUALIFICATIONS

I, Bruce Alexander Edgar, resident at 5782 Highland Avenue, Niagara Falls, Ontario L2G-4X4, Telephone (905) 354-6117, do hereby certify that:

- 1) I am a consulting Geologist, carrying on business from the above address.
- 2) I have practiced this profession as a geologist for 30+ years
- 3) I am a graduate of Brock University, St. Catharines, Ontario, Canada, with an Honours B. Sc. (1981) in Geology.
- 4) I am a Professional Geoscientist registered with the Association of Professional Geoscientists of Ontario, registration number 2018.
- 5) I have had prior involvement with the property that is the subject of this Report, having visited the property on numerous occasions over the past two years in order to complete various work programs and Assessment Reports. I acted as Project Supervisor and logged/sampled the drill core of this Diamond Drill Program which was completed on March 13, 2012.
- 6) I am independent of Superior Copper Corporation, hold no securities of the company, and have received no compensation for this report, other than normal consulting fees.

Bruce Edgar (Honours BSc. P. Geo.)
Consulting Geologist

April 15, 2012

Delio J.J. Tortosa
408 – 99 Pine Street
Sault Ste. Marie, Ontario P6A 3Y3
Telephone: (705) 946-1040

I, Delio Tortosa, do hereby certify that:

- 1) I am a consulting geologist, carrying on business from the above address.
- 2) I have practiced my profession as a geologist for over 25 years.
- 3) I am a graduate of Queen's University, Kingston, Ontario, Canada with the degree of B.Sc.(Applied Science, 1974) Geological Engineering. I am also a graduated of the University of Saskatchewan, Saskatoon, Saskatchewan, Canada with the degree of M.Sc. (Geology, 1983).
- 4) I am a Professional Engineer registered with the Professional Engineers of Ontario, Registration No. 46764015.
- 5) I have had prior involvement with the property that is the subject of the Technical Report. The nature of my involvement consisted of geological mapping and sampling on parts of the property as well as numerous property visits to review the geology and mineral occurrences in the area over the past 10 years. I acted as Consulting Geologist for Superior Copper Corporation and made site visits during the geological mapping and diamond drilling program by the Superior Copper Corporation/FMEL Joint Venture.
- 6) I am the Qualified Person for Superior Copper Corporation.

Dated this 15th day of April, 2012

Delio Tortosa, P.Eng., M.Sc.

APPENDIX I

**Batchawana Copper Property
List of Claims and Status**

Batchawana Copper Property

Superior Copper Corporation/ First Minerals Exploration Ltd.
Joint Venture

List of Claims and Status

Township	Claim #	# Units	Recording date	Due date	Work Required	Total Applied	Total Reserve	Claim Bank
Kincaid	3015689	16	Dec.3/09	Dec.3/12	\$6,400	\$6,400	\$75	\$0
Kincaid	3019475	3	July 9/04	Jul. 9/12	\$1,200	\$7,200	\$0	\$0
Kincaid	3019477	3	July 9/04	Jul. 9/12	\$1,200	\$7,200	\$0	\$0
Kincaid	3019478	15	July 9/04	Jul. 9/12	\$6,000	\$36,000	\$0	\$0
Kincaid	3019479	16	July 9/04	Jul. 9/12	\$6,400	\$38,400	\$0	\$0
Kincaid	3019480	9	July 9/04	Jul. 9/12	\$3,600	\$21,600	\$0	\$0
Kincaid	3019481	10	July 9/04	Jul. 9/12	\$4,000	\$24,000	\$0	\$0
Kincaid	3019482	14	July 9/04	Jul. 9/12	\$5,600	\$33,600	\$0	\$0
Kincaid	4260334	16	July 7/11	July 7/13	\$6,400	\$0	\$0	\$0
Ryan	1098722	8	Aug. 5/05	Aug. 5/12	\$3,200	\$16,000	\$0	\$0
Ryan	1192281	3	July 21/09 June 25/03	July 21/13 Jun. 25/12	\$1,200	\$2,400	\$0	\$0
Ryan	1192284	3	June 25/03	Jun. 25/12	\$1,200	\$8,400	\$0	\$0
Ryan	1192287	7	Oct. 2/07 June	Oct. 2/12 Jun.	\$2,800	\$8,400	\$0	\$0
Ryan	1199911	15	26/02 June	26/12 Jun.	\$6,000	\$48,000	\$0	\$0
Ryan	1199912	4	26/02 June	26/12 Jun.	\$1,600	\$12,800	\$0	\$0
Ryan	1199984	14	26/02 Feb.	26/12 Feb.	\$5,600	\$44,800	\$0	\$0
Ryan	1235019	3	26/01 June	26/13 Jun.	\$1,200	\$12,000	\$0	\$0
Ryan	3000666	4	26/02 June	26/12 Jun.	\$1,600	\$12,800	\$0	\$0
Ryan	3000714	11	26/02 June	26/12 June	\$4,400	\$35,200	\$0	\$0
Ryan	3000715	15	26/02 June	26/13 Jun.	\$6,000	\$54,000	\$73,902	\$0
Ryan	3000716	13	26/02 June	26/12 Jun.	\$5,200	\$41,600	\$5,047	\$0
Ryan	3000717	16	26/02 June	26/12 Jun.	\$6,400	\$51,200	\$0	\$0
Ryan	3000718	1	26/02 June	26/12 Jun.	\$400	\$3,200	\$0	\$0
Ryan	3000720	15	26/02 June	26/12 Jun.	\$6,000	\$48,000	\$0	\$0
Ryan	3002310	15	26/02 June	26/12 Jun.	\$6,000	\$48,000	\$0	\$0
Ryan	3002319	2	26/02 June	26/12 June	\$800	\$6,400	\$0	\$0
Ryan	3002320	3	10/02 June	10/13 Jun.	\$1,200	\$10,800	\$0	\$0
Ryan	3002341	11	26/02 June	26/12 June	\$4,400	\$35,200	\$0	\$0
Ryan	3002342	1	10/02 June	10/13 Jun.	\$400	\$3,600	\$0	\$0
Ryan	3002392	8	26/02	26/12	\$3,200	\$22,400	\$0	\$0

Ryan	3002398	16	June 26/02 Dec.	Jun. 26/12 Dec.	\$6,400	\$51,200	\$0	\$0
Ryan	3002570	3	05/02 Dec.	05/12 Dec.	\$1,200	\$9,600	\$0	\$0
Ryan	3002571	6	05/02	05/12	\$2,400	\$19,200	\$0	\$0
Ryan	3002577	1	July 19/02 Dec.	Jul. 19/12 Dec.	\$400	\$3,200	\$0	\$0
Ryan	3002616	2	05/02	05/12	\$800	\$6,400	\$0	\$0
Ryan	3002697	13	June 26/02	Jun. 26/12	\$5,200	\$41,600	\$0	\$0
Ryan	3002698	6	June 10/02	June 10/12	\$2,400	\$19,200	\$0	\$0
Ryan	3015684	10	July 21/09	July 21/13	\$4,000	\$8,000	\$0	\$0
Ryan	3015686	7	June 11/08 Aug.	June 11/13 Aug.	\$2,800	\$8,400	\$1,129	\$0
Ryan	3015687	2	28/05	28/12	\$800	\$800	\$0	\$0
Ryan	4249530	8	Sep. 8/11	Sep. 8/13	\$3,200	\$0	\$0	\$0
Ryan	4257225	5	Aug. 4/11	Aug. 4/13	\$2,000	\$0	\$0	\$0
Ryan	4260336	10	Aug. 4/11	Aug. 4/13	\$4,000	\$0	\$0	\$0
Ryan	4260337	8	Sep. 8/11	Sep. 8/13	\$3,200	\$0	\$0	\$0
Ryan	4260340	3	Apr. 7/11	Apr. 7/13	\$1,200	\$0	\$0	\$0
Ryan	4260341	4	Apr 7/11	Apr. 7/13	\$1,600	\$0	\$0	\$0
Ryan	4260342	3	Apr. 7/11	Apr. 7/13	\$1,200	\$0	\$0	\$0
Total		381						

APPENDIX II

Diamond Drill Sections

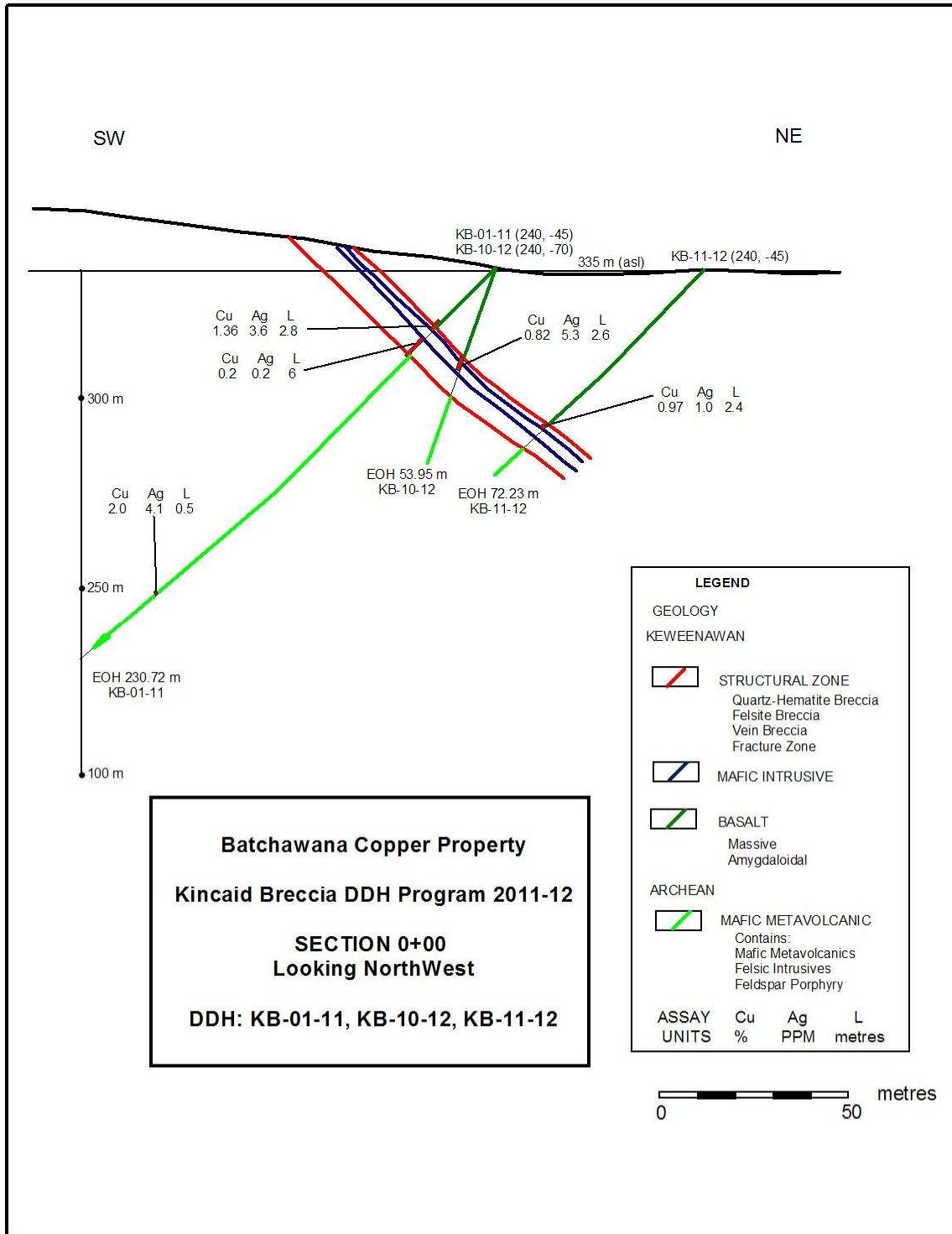
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Cross Section: 1+00 S (DDH: KB-02-11, KB-03-11, KB-08-12, KB-09-12)

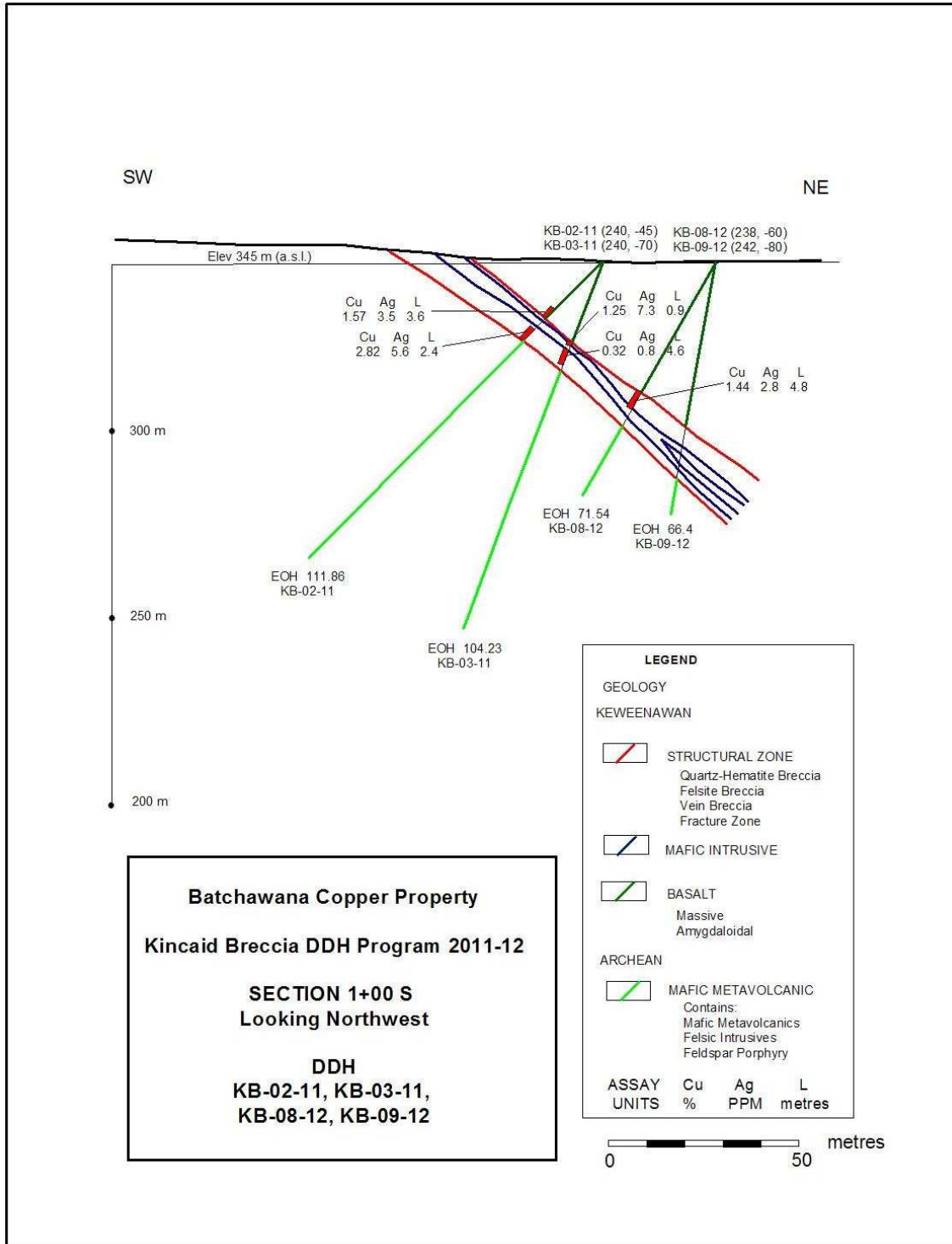
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Cross Section: 3+00 S (DDH: KB-06-12, KB-07-12)

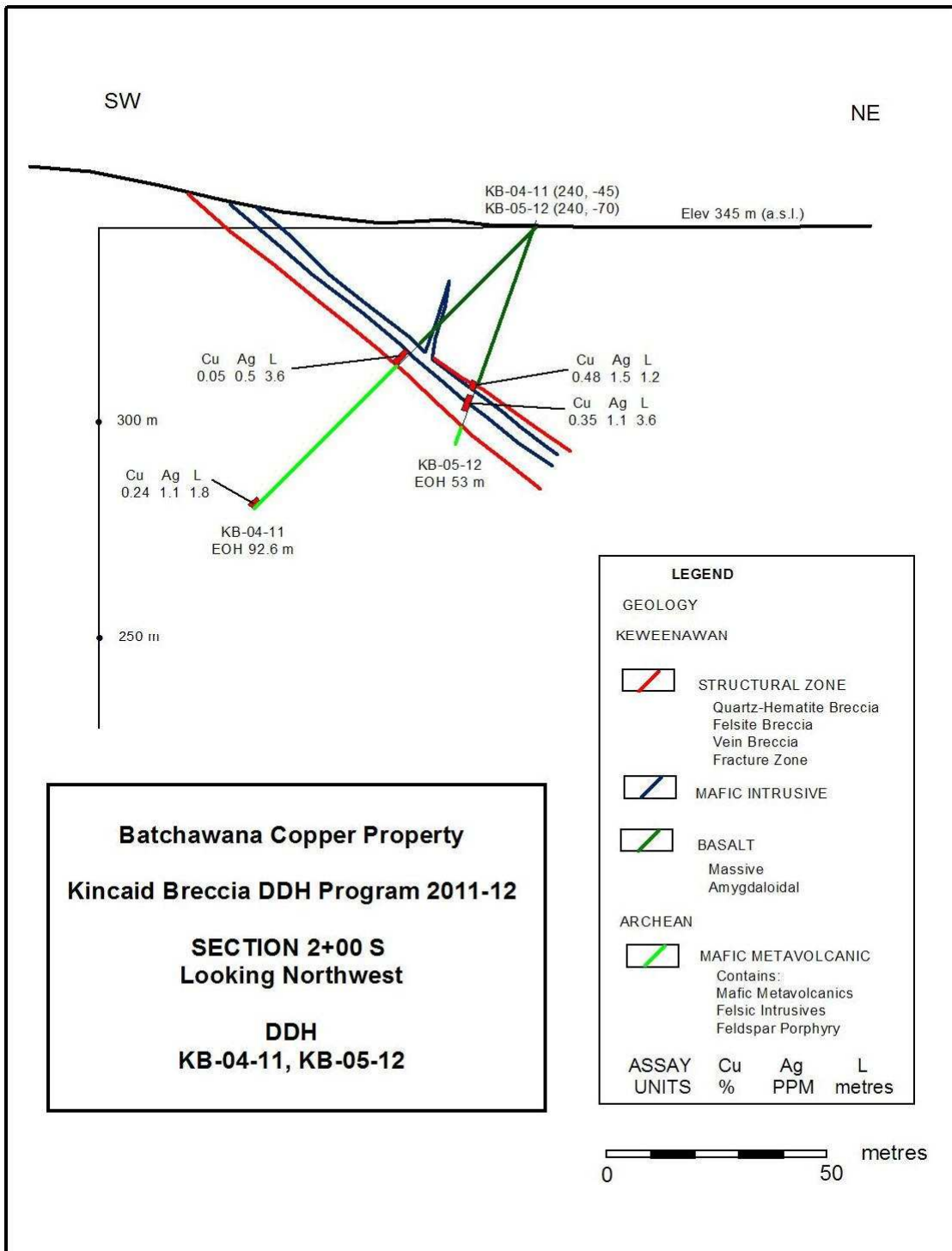
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Cross Section: 1+00 S (DDH: KB-02-11, KB-03-11, KB-08-12, KB-09-12)



Cross Section: 2+00 S (DDH: KB-04-11, KB-05-12)



APPENDIX III

Diamond Drill Logs

Kincaid Breccia DDH Logs Phase 1.PDF



Drillhole Log

Units Meters

Cenit Corporation

Province/State		Co-ordinate System		Grid/Property		Hole Type	Length	Date Started
Ontario		UTM NAD83 Canada Zone 16				Exploration hole	230.72	11/8/2011
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed
Sault Ste. Marie		5214996	674782					11/13/2011
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged
Kincaid Breccia		336.00	232.40		-43.90	Superior Drilling		
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified
Coppercorp		3015689		Bruce Edgar		Bruce Edgar		<input type="checkbox"/>
Zone/Prospect		Assessment Rpt. No.	Core Storage		Plug Depth	Makes Water	Capped	Environmental Inspection
Kincaid Breccia			Coppercorp site			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Core Size (1)			Casing Pulled	Casing (1)		Plugged	Pulsed	Geophysics Contractor
(2)			<input type="checkbox"/>	(2)		<input type="checkbox"/>	<input type="checkbox"/>	Date Pulsed
Purpose			Results			Comments		
Intersect mineralized breccia on surface			Intersected mineralized felsite breccia			Updated by D. Tortosa Dec 6, 2011		

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
5.00			232.4		-43.9		<input checked="" type="checkbox"/>	Reflex EZ		
30.00			230.8		-43.1		<input checked="" type="checkbox"/>	Reflex EZ		
80.00			232.4		-41.1		<input checked="" type="checkbox"/>	Reflex EZ		
130.00			232		-40.7		<input checked="" type="checkbox"/>	Reflex EZ		
180.00			229		-38.8		<input checked="" type="checkbox"/>	Reflex EZ		
230.00			233.8		-36.5		<input checked="" type="checkbox"/>	Reflex EZ		

Lithology						Cu	Ag	Au	
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
0.00	- 4.40	OVB Casing CASING/OVERBURDEN							
4.40	- 21.50	6c Coarse Grained Basalt BASALT (C.Gr Flow/MV?)							
		- medium grained, dark chloritic green, massive, frequent to prolific calcite fracture fill most commonly @ 50 to 60 degrees to C.A., broken, rubbly core initially, unit moderately to strongly ca-carbonitized and weakly magnetic	E5205565	10.50	11.10	0.60	111	0.1	0.001
			E5205566	11.10	11.70	0.60	141	0.1	0.022
			E5205567	11.70	12.30	0.60	53.2	0.1	0.001
			E5205568	12.30	12.90	0.60	32.8	0.1	0.0005
			E5205569	12.90	13.50	0.60	152	0.1	0.0005
		- 6.58m- flow contact @ 70 degrees to C.A.	E5205570	13.50	14.10	0.60	34.7	0.1	0.005
			E5205571	14.10	14.70	0.60	41.8	0.1	0.005
		- 11.26- milky, siliceous + calcite 3 cm wide vein @ 35 degrees to C.A., minor malachite	E5205572	14.70	15.30	0.60	375	0.1	0.014
			E5205573	15.30	15.90	0.60	42	0.1	0.002
		-after 13.5m- some calcite/hematite lined fractures @ 25 degrees to C.A., unit more siliceous and mildly epidotitic	E5205574	15.90	16.50	0.60	129	0.1	0.007
			E5205575	16.50	17.10	0.60	126	0.1	0.004
		- 14.96- small mass of Chalcocite in milky, siliceous stringers and infill	E5205576	17.10	17.70	0.60	408	0.1	0.01
			E5205577	17.70	18.30	0.60	540	0.1	0.01
		- 17.20- 17.37- siliceous calcite and hematite vein @ 45 degrees to C.A., few fine specks Chalcocite	E5205578	18.30	18.90	0.60	821	0.1	0.007
			E5205579	18.90	19.50	0.60	1570	0.3	0.052
		- after 17.37- few calcite/chlorite amygdules	E5205581	19.50	19.90	0.40	14800	0.9	0.011
			E5205582	19.90	20.50	0.60	7310	1.1	0.051
		- after 18.50- becoming highly silicified and siliceous with prolific coarser amygdules	E5205583	20.50	21.10	0.60	2780	0.1	0.008
		- 18.90- 5 cm cherty mafic dikelet with rusty weathering and malachite on contacts	E5205584	21.10	21.70	0.60	4210	1.7	0.007
		- 19.90- 20.42- siliceous calcite veining @ 60-70 degrees to C.A. with fine specks and masses Chalcocite							
		- 20.42- 20.72- cherty mafic dikelet @ 75 degrees to C.A.							
		- 21.00- 21.10- fractured section with siliceous calcite infill and rusty weathered with malachite- fracture/fault? @ 45 degrees to C.A.							
		- lower contact sharp, irregular about 30 degrees to C.A.							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
21.50	- 23.00	VBx Vein Breccia - Mineralized MINERALIZED VEIN BRECCIA	E5205585	21.70	22.30	0.60	39400	13.6	0.245
		- siliceous minor calcite veining and vein breccia, abundant hematite and rusty weathered sections, strongly hematitic red fragments, specks and masses Chalcocite	E5205586	22.30	23.00	0.70	885	0.7	0.019
		- 22.15- 22.20- semi-massive Chalcocite banding @ 75 degrees, end of section appears like qtz/hematite breccia,							
		-lower contact 90 degrees to C.A.							
23.00	- 26.52	2 Mafic Metavolcanic MAFIC VOLCANIC	E5205587	23.00	23.60	0.60	1300	0.1	0.003
		- dark chloritic green, very fine to fine grained, few fine calcite amygdules, massive, abundant fracturing commonly @ 35 to 45 degrees, with calcite/hematite infill, auto-brecciated appearance, increasingly fractured/brecciated towards lower contact with increasing calcitic infill	E5205588	23.60	24.20	0.60	224	0.1	0.005
		- lower contact sharp @ 85 degrees to C.A.	E5205589	24.20	24.80	0.60	2.9	0.1	0.003
			E5205591	24.80	25.40	0.60	503	0.1	0.003
			E5205592	25.40	26.00	0.60	1190	0.1	0.0005
			E5205593	26.00	26.60	0.60	1030	0.1	0.0005
26.52	- 31.93	Bx Breccia - Felsite QUARTZ/HEMATITE (FELSITE) BRECCIA	E5205594	26.60	27.20	0.60	2000	0.1	0.0005
		- essentially 10 to 15% milky qtz carrying red, hematized, silicified Felsite fragments and darker green basalt fragments, some siliceous/calcite fracture fill and lining, well fractured and broken near upper contact, occasional specks and small masses Chalcocite	E5205595	27.20	27.80	0.60	1520	0.1	0.0005
		- red hematized fragments almost cherty in places, some remnant dark chloritic pheno's	E5205596	27.80	28.40	0.60	1480	0.7	0.004
		- lower contact irregular	E5205597	28.40	29.00	0.60	1350	0.2	0.038
			E5205598	29.00	29.60	0.60	4140	0.3	0.007
			E5205599	29.60	30.20	0.60	1600	0.3	0.005
			E5205600	30.20	30.80	0.60	309	0.1	0.0005
			E5205601	30.80	31.40	0.60	506	0.7	0.018
			E5205602	31.40	32.00	0.60	3270	1.2	0.248

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
31.93	- 38.98	2 Mafic Metavolcanic MAFIC VOLCANIC - generally dark green/grey, fine grained, massive, chloritized, abundant calcite/siliceous filled fractures, common fracture direction 20 degrees to C.A., some malachite on fracture planes, some milky, siliceous fracture fill - lower contact sharp @ 30 degrees to C.A.	E5205603	32.00	32.60	0.60	3420	0.1	0.009
38.98	- 53.00	4 Felsic Intrusive - Foliated FELSIC INTRUSIVE - generally aphanitic ground mass, with minor coarser mafic, sometimes micaceous dark pheno's, occasional qtz eyes?, overall slightly hematitic red/brown color, hard, siliceous, quite well fractured with siliceous infill, initially deep red hematite fracture lining, unit exhibits weak foliation trend and common fracture direction @ 15 degrees to C.A., 2ndary cross fracture direction @ 45 to 70 degrees, blocky fracturing - 49.50- 50.00- some intercallations of silicified MV, chilled margins of Felsic Intusive, contacts 20 degrees to C.A. - lower contact sharp @ 30 degrees to C.A.	E5205604	52.90	53.50	0.60	181	0.1	0.005
53.00	- 55.64	2 Mafic Metavolcanic MAFIC VOLCANIC - fine grained, dark chloritic green, generally massive, fine disseminated magnetite, quite strongly magnetic, siliceous/calcite fracture fill commonly @ 20 degrees and crossfracturing @ 50 degrees - 53.34- 53.44- calcite/qtz with brecciated fragments of MV - lower contact sharp @ 80 degrees to C.A.							

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
55.64	- 61.12	9a Diabase MAFIC INTRUSIVE (DIABASE) - grey/blkack, fine grained, massive, strongly magnetic, upper contact cherty and chilled, blocky fracturing - 57.64- 57.90- calcite/qtz/minor hematite stringers @ 50 degrees - lower contact cherty, chilled, sharp @ 65 degrees to C.A.	E5205605	57.60	57.90	0.30	335	0.1	0.002
61.12	- 64.52	4b Feldspar Porphyry FELSIC INTRUSIVE (FELDSPAR PORPHYRY) - similar to previous Felsic Intr. But porphyritic, indistinct feldspar pheno's, weak foliation/fluidal? @ 20 degrees, general dark orange color, frequent fine siliceous fracture lining - 62.66- 63.09- two X 1-2 cm qtz veinlets @ 30 degrees to C.A., followed by a 15 cm qtz/calcite band with MV fragments @ 75 degrees to C.A. - some micro-faulting with 5 mm slips - lower contact irregular	E5205606	62.60	63.10	0.50	1580	0.3	0.013
64.52	- 65.35	2 Mafic Metavolcanic - Foliated MAFIC VOLCANIC - as before but highly silicified, foliated 30 degrees to C.A., few blebs of qtz and ending on 3 cm qtz veinlet @ 70 degrees to C.A., some epidotized material							
65.35	- 67.29	4 Felsic Intrusive - Foliated FELSIC INTRUSIVE - as before, porphyritic towards end of section, fine siliceous fracture lining, few 2 to 3 mm qtz stringers along foliation 30 degrees to C.A. - lower contact sharp @ 30 degrees to C.A.							

<i>Lithology</i>				<i>Cu</i>	<i>Ag</i>	<i>Au</i>			
<i>From</i>	<i>To</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Len.</i>	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>
67.29	- 69.45	2 Mafic Metavolcanic - Foliated MAFIC VOLCANIC - as before, quite hard and silicified, weak foliation @ 30 degrees, abundant fine siliceous hairline fractures - lower contact sharp @ 20 degrees to C.A.							
69.45	- 70.90	4 Felsic Intrusive FELSIC INTRUSIVE - initially cherty/aphanitic with few indistinct porphyritic feldspars, very hard and siliceous, hematite red color like Felsite, fine siliceous blocky fractures - 70.70- 70.90- intercalation of silicified MV upper contact @ 30 degrees, lower @ 55 degrees X-cutting	E5205607	70.70	71.30	0.60	299	0.1	0.004
70.90	- 71.30	Bx Breccia - Felsite QUARTZ/HEMATITE (FELSITE) BRECCIA - as before @ 26.52m, milky, siliceous qtz and red hematitic infill with red hematitic Felsite fragments and epidotized MV fragments - lower contact sharp @ 50 Degrees to C.A.							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
71.30	- 84.48	4 Felsic Intrusive FELSIC INTRUSIVE	E5205608	73.10	74.40	1.30	268	0.1	0.003
		- as before- mottled appearance of orange, aphanitic material and darker mafics, fine indistinct porphyritic Feldspars and occasional qtz eyes	E5205609	78.10	78.60	0.50	4240	7.4	0.015
		- 73.20- 73.35- white, xln, qtz vein @ 30 degrees upper, 50 degrees lower contacts, with hematized mafic fragments	E5205611	78.60	79.00	0.40	1510	0.1	0.008
		- occasional qtz stringers and discontinuous blebs							
		- 78.13- 78.50- 1 cm and 4 cm qtz veinlets @ 40 degrees, <1% py							
		- 78.78- 78.94- 4 cm qtz vein @ 90 degrees upper, 70 degrees lower contacts, followed by 3.5 cm qtz veinlet 45 degrees, 2- 3% py							
		- host unit is mottled orange and dark colors in places, lighter epidotitic patches and indistinct feldspar pheno's, occasional qtz patches and stringers							
		- lower contact sharp, irregular with 1 cm calcite veinlet							
84.48	- 89.36	2 Mafic Metavolcanic - Foliated MAFIC VOLCANIC	E5205612	86.40	87.00	0.60	169	0.1	0.002
		- as before- slightly epidotitic, foliated @ 35 degrees, quite hard, siliceous initially, becoming fractured with some hematitic infill	E5205613	87.00	87.50	0.50	75.3	0.1	0.0005
		- 86.42- fractured, discontinuous qtz blebs with hematite margins	E5205614	88.50	89.00	0.50	50.5	0.1	0.0005
		- 88.50- 89.00- discontinuous qtz veining and hematite rimming							
		- lower contact sharp @ 30 degrees to C.A.							
89.36	- 89.74	4 Felsic Intrusive FELSIC INTRUSIVE DIKELET							
		- medium grey, very fine grained to aphanitic, hard, siliceous, sharp lower contact @ 30 degrees to C.A.							

Lithology						Cu	Ag	Au	
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
89.74	- 93.08	2 Mafic Metavolcanic - Foliated MAFIC VOLCANIC - as before- foliated 40 to 45 Degrees to C.A., fine grained, chloritic - 91.63- 91.83- white, xln qtz vein with host rock fragments and few masses of py, upper contact 45 degrees, lower irregular - lower contact sharp @ 25 degrees to C.A.	E5205615	91.60	91.90	0.30	179	0.1	0.0005
93.08	- 94.20	4 Felsic Intrusive - Foliated FELSIC INTRUSIVE - aphanitic, orange to dark tan, few fine indistinct feldspar pheno's, foliated/fluidal @ 25 degrees - lower contact sharp, somewhat intercalated, 25 degrees to C.A.							
94.20	- 98.17	2 Mafic Metavolcanic - Foliated MAFIC VOLCANIC - as before, chloritic green, hard, siliceous, foliated 40 degrees, mildly epidotitic - 96.86- 97.20- irregular Felsic dikelet contacts sharp 35 degrees - 97.34- 3 cm qtz veinlet 50 degrees to C.A. - lower contact sharp 20 degrees to C.A.	E5205616	97.20	97.50	0.30	50.8	0.1	0.0005
98.17	- 100.20	4b Feldspar Porphyry FELSIC INTRUSIVE (FELDSPAR PORPHYRY) - aphanitic to very fine grained groundmass with coarse, prolific, indistinct feldspar pheno's, generally medium/ dark grey, foliated/fluidal? @ 25 degrees and increasing in intensity down-hole	E5205617	100.10	100.70	0.60	159	0.1	0.006

<i>Lithology</i>						<i>Cu</i>	<i>Ag</i>	<i>Au</i>	
<i>From</i>	<i>To</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Len.</i>	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>
100.20	- 101.90	SZ Shear Zone SHEAR ZONE - essentially strongly foliated to sheared MV @ 20 degrees to C.A., strongest alteration centered @ 100.80m,- 5 cm banded grey/white qtz vein @ 20 degrees, minor py -101.50-101.90- white, milky qtz vein with MV fragments @ 20 degrees	E5205618	100.70	101.10	0.40	92.9	0.1	0.01
			E5205619	101.10	101.50	0.40	32.7	0.1	0.001
			E5205620	101.50	102.00	0.50	66.8	0.1	0.009
101.90	- 102.80	4 Felsic Intrusive - Foliated FELSIC INTRUSIVE - as before- feldspar prophyritic- well foliated, milky white qtz stringers 5 to 20 degrees to C.A. - lower contact sharp @ 5 to 10 degrees to C.A.	E5205621	102.00	102.70	0.70	14.4	0.1	0.001
			E5205622	102.70	103.30	0.60	21.3	0.1	0.001
102.80	- 103.20	2 Mafic Metavolcanic - Foliated MAFIC VOLCANIC - as befoire- strong foliation 15 degrees to C.A., lower contact sharp							
103.20	- 104.15	4b Feldspar Porphyry FELSIC INTRUSIVE (FELDSPAR PORPHYRY) - as before- discontinuous qtz veining on lower contact, irregular	E5205623	103.30	103.90	0.60	72.8	0.1	0.001
			E5205624	103.90	104.30	0.40	197	0.1	0.003

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
104.15	- 108.64	2 Mafic Metavolcanic - Foliated							
		MAFIC VOLCANIC	E5205625	104.30	104.90	0.60	336	0.1	0.014
		- as before- weaker foliation, dark chloritic green, fine white pheno's elongated along foliation about 15 degrees to C.A., occasional fine qtz stringers along foliation, locally weak magnetism	E5205626	106.90	107.50	0.60	202	0.1	0.002
		- 106.97- 107.40- few narrow, less than 1 cm qtz stringers @ 25 degrees with minor py							
		- 108.20- 3 cm white qtz veinlet, x-foliation @ 45 degrees to C.A.							
		- lower contact sharp @ 25 degrees to C.A.							
108.64	- 110.62	4b Feldspar Porphyry - Foliated							
		FELSIC INTRUSIVE (FELDSPAR PORPHYRY)							
		- as before- weak foliation 25 Degrees to C.A.,							
		- lower contact sharp, irregular, about 20 degrees to C.A.							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
110.62	- 148.05	2 Mafic Metavolcanic							
		MAFIC VOKCANIC	E5205627	111.80	112.10	0.30	979	0.1	0.002
		- as before- developing a slightly coarser appearance to fine/medium grained	E5205628	115.90	116.50	0.60	651	4.5	0.486
			E5205629	122.50	123.10	0.60	93.2	0.1	0.002
		- 112.00- 1 cm qtz veinlet with dark mafic fragments and 5 mm discontinuous band of Chalcopyrite, all @ 50 Degrees to C.A.	E5205631	123.10	123.60	0.50	20500	4.1	0.056
			E5205632	123.60	124.20	0.60	22.6	0.1	0.0005
		- unit generally fine/medium grained, dark chloritic green, weak to moderate foliation @ 20 to 30 degrees to C.A., becoming slightly epidotitic down-hole, frequent hairline fractures	E5205633	124.20	124.80	0.60	322	0.1	0.0005
			E5205634	124.80	125.40	0.60	92.3	0.1	0.0005
			E5205635	125.40	126.00	0.60	72	0.1	0.012
		- 115.93- 116.43- discontinuous 5 mm to 1 cm qtz stringers @ 5 degrees with tr. Py	E5205636	126.00	126.60	0.60	9.1	0.1	0.0005
			E5205637	127.80	128.40	0.60	19.5	0.1	0.002
		- after 122.90- very fine to fine grain size and epidotitic patches and mottling, unit becomes strongly magnetic, occasional disseminated py less than 1%	E5205638	128.40	129.00	0.60	14.4	0.1	0.001
			E5205639	129.00	129.60	0.60	24.3	0.1	0.002
		- 123.16- 123.50- epidote veining @ 25 to 30 degrees, minor disc. Qtz blebs and small masses and lineations Chalcocite	E5205641	129.60	130.20	0.60	10.1	0.1	0.0005
			E5205642	148.00	148.40	0.40	72.2	1.3	0.009
		- 124.87- irregular white qtz stringers about 2- 3%							
		- foliation continues 25 to 30 degrees to C.A., unit remains very fine grained, patchy siliceous and calcite stringers and infill occasionally, generally dark chloritic green and slight epidotization, remains very strongly magnetic, some fine hairline epidote fractures, occasional coarser py grains and patches							
		- 127.80- 130.20- sections of increased foliation @ 25 to 30 degrees to C.A., and irregular disc. Qtz stringers and veinlets and diss. Py and psuedo bands to 3% locally							
		- unit continues with patchy mottled appearance of lighter grey and epidotitic areas, weak foliation intermittently more moderate, consistent 20 to 25 degrees and remains very fine to fine grained, dark chloritic							
		- lower contact sharp @ 25 degrees to C.A.							
148.05	- 148.82	4 Felsic Intrusive							
		FELSIC INTRUSIVE	E5205643	148.40	148.80	0.40	252	0.3	0.002
		- aphanitic, pink/orange and heavily fractured	E5205644	148.80	149.40	0.60	2870	3.1	0.008
		- 148.40- 148.69- white, milky qtz with abundant felsic fragments							
		- lower contact sharp @ 30 degrees to C.A.							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
148.82	- 167.18	2 Mafic Metavolcanic MAFIC VOLCANIC	E5205645	149.40	150.00	0.60	3130	6.5	0.014
		- highly silicified/altered- mottled patches initially, some qtz/carb infill and fractured host	E5205646	150.00	150.40	0.40	324	3.5	0.067
		- 150.02- 150.32- about 10% py, magnetite and lesser pyrrhotite in patches and psuedo bands @ 30 degrees to C.A., very strongly magnetic	E5205647	163.00	163.60	0.60	125	0.1	0.002
		- after 150.40- MV as before- vf to fine grained, dark chloritic green, mottled lighter patches and quite well carbonitized, unit remains strongly magnetic to about 156.0m, some random lighter fragments and frequent carbonat fracture lining	E5205648	163.60	164.20	0.60	3200	3.6	0.009
		- 163.30- 165.40- agglomerations and patches py, tr. Chalcopyrite and few areas of magnetite	E5205649	164.20	164.80	0.60	595	0.3	0.009
		- lower contact has masses py and sharp @ 35 degrees to C.A.	E5205650	164.80	165.40	0.60	115	0.1	0.0005
167.18	- 173.48	4b Feldspar Porphyry FELSIC INTRUSIVE (FELDSPAR PORPHYRY)							
		- as before- initial cherty, chilled margins, aphanitic to vf grained groundmass with prolific coarser, indistinct feldspar pheno's, occasional qtz eyes, generally medium to darker gray, weak foliation/fluidal? @ 15 to 20 degrees to C.A., minor mafic content aligned along foliation							
		- lower contact sharp @ 20 degrees to C.A.							
173.48	- 180.38	2 Mafic Metavolcanic - Foliated MAFIC VOLCANIC							
		- initial 50 cm section highyl epidotized, hard, unit generally vf to fine grained, deep chloritic green, weak foliation @ 20 to 25 degrees, very strongly magnetic, fine diss. Py <1%, fien diss magnetite, frequent hairline carbonate fracture fill, increasing ca-carbonitization to lower conatct, sharp,irregular							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
180.38	- 182.90	9a Diabase MAFIC INTRUSIVE (DIABASE) - cherty, chilled margins, grey-black, fine grained towards center, massive, sharp lower contact @ 20 degrees to C.A.							
182.90	- 211.50	2 Mafic Metavolcanic - Foliated MAFIC VOLCANIC - initially hard and cherty, becoming epidote mottled variety, fine grained, dark chloritic green with epidote patches, foliated 15 degrees, frequent hematite lined fractures 50 to 70 degrees to C.A., lack of magnetism, tr. Py - 184.13- 7 cm Diabase dikelet @ 45 degrees - after 192.50- rapid decrease in epidote content - 197.81- 198.98- 10 to 12% white qtz veining and infill around fragments MV, few coarse agglomerations py, veining and infill irregular - 202.65- 206.60- 60% white qtz veining and fracture fill, host rock fragments, all @ 40 degree upper, 15 degree lower contact - 204.81- 205.12- white qtz veining @ 40 degree upper, irregular lower contact - host rock is highly silicified and hard in proximity to qtz veining, strong foliation 25 degrees to C.A. - 206.34- 206.98- qtz veining @ 10 degrees, tr py - 209.81- 210.42- 20% qtz veining @ 25 to 30 degrees to C.A., grains, masses and lineations py to 2%, pyritiferous host rock margins, followed by few narrow qtz stringers - lower contact sharp 15 degrees to C.A.	E5205651	197.20	197.80	0.60	85.6	0.1	0.0005
			E5205652	197.80	198.40	0.60	73.2	0.1	0.03
			E5205653	198.40	199.00	0.60	8.5	0.1	0.0005
			E5205654	199.00	199.60	0.60	5	0.1	0.0005
			E5205655	202.00	202.60	0.60	55.6	0.1	0.0005
			E5205656	202.60	203.20	0.60	7.3	0.1	0.009
			E5205657	203.20	203.60	0.40	11	0.1	0.0005
			E5205658	203.60	204.20	0.60	44.7	0.1	0.0005
			E5205659	204.20	204.80	0.60	3.2	0.1	0.0005
			E5205661	204.80	205.20	0.40	8.6	0.1	0.002
			E5205662	205.20	205.70	0.50	122	0.1	0.0005
			E5205663	205.70	206.30	0.60	6.9	0.1	0.0005
			E5205664	206.30	207.00	0.70	3.4	0.1	0.0005
			E5205665	207.00	207.60	0.60	24.5	0.1	0.0005
			E5205666	207.60	208.20	0.60	35.7	0.1	0.0005
			E5205667	208.20	208.80	0.60	68.5	0.1	0.028
			E5205668	208.80	209.40	0.60	16.7	0.1	0.0005
			E5205669	209.40	209.80	0.40	237	0.1	0.0005
			E5205671	209.80	210.50	0.70	25.6	0.1	0.002
			E5205672	210.50	211.10	0.60	56	0.1	0.003
			E5205673	211.10	211.70	0.60			

Lithology					Cu	Ag	Au
From	To		Sample #	From	To	Len.	ppm
211.50	- 215.25	4b Feldspar Porphyry - Foliated FELSIC INTRUSIVE (FELDSPAR PORPHYRY) - as before- cherty/chiled margins, prolific indistinct coarser feldspar pheno's, in vf grained groundmass, quite strongly foliated 15 to 20 Degrees to C.A. - 211.88- 212.40- intercallation of MV @ 15 degrees - lower contact sharp 15 degrees to C.A.					
215.25	- 219.78	2 Mafic Metavolcanic - Foliated MAFIC VOLCANIC - unit is highly silicified and strongly foliated @ 20- 25 degrees, unit appears banded with cherty, siliceous material, quite possibly intercallations of felsic intrusive?, epidotitic lining in places, intense silicification - lower contact sharp @ 25 degrees to C.A.					
219.78	- 223.68	4b Feldspar Porphyry FELSIC INTRUSIVE (FELDSPAR PORPHYRY) - as before- cherty, chilled margins, prolific fine/medium feldspar phen's in aphanitic to vf grained matrix - 220.31- 220.70- few qtz stringers followed by 5 cm qtz vein @ 20 degrees, few fragments host rock and few fine masses Chacopyrite and 1 speck shiny metallic material - 222.70- 223.24- epidote veining with host rock and MV fragments and some interstitial fine masses of Chalcocite and hematite @ 25 degrees to C.A., same as lower contact	E5205709	220.30	220.70	0.40	
			E5205710	222.10	222.70	0.60	313 0.1 0.0005
			E5205711	222.70	223.30	0.60	2250 2.1 0.001
			E5205712	223.30	223.90	0.60	496 0.1 0.005
223.68	- 224.65	2 Mafic Metavolcanic - Silicified MAFIC VOLCANIC - as before- slightly epidotitic, hard, fine grained, silicified - lower contact sharp @ 85 degrees					

<i>Lithology</i>					<i>Cu</i>	<i>Ag</i>	<i>Au</i>		
<i>From</i>	<i>To</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Len.</i>	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>
224.65	- 225.16	9a Diabase MAFIC INTRUSIVE (DIABASE) - as before- strongly magnetic, cherty, hard, blocky fractures - lower contact sharp @ 70 Degrees to C.A.							
225.16	- 227.82	2 Mafic Metavolcanic MAFIC VOLCANIC - as before, some milky qtz stringers and veinlets towards lower ciontact, sharp 25 degrees to C.A.	E5205713	227.00	227.60	0.60	20.7	0.1	0.0005
			E5205714	227.60	228.20	0.60	160	0.1	0.019
227.82	- 228.17	VBx Vein Breccia VEIN BRECCIA - milky qtz matrix with MV and possible Felsite? Fragments, contacts @ 25 degrees to C.A.							
228.17	- 230.72	4b Feldspar Porphyry FELSIC INTRUSIVE (FELDSPAR PORPHYRY) - as before- prolific medium/coarse feldspar phen's EOH	E5205715	228.20	228.80	0.60	395	0.2	0.0005



Drillhole Log

Units Meters

Cenit Corporation

Province/State		Co-ordinate System		Grid/Property		Hole Type	Length	Date Started
Ontario		UTM NAD83 Canada Zone 16				Exploration hole	111.86	11/14/2011
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed
Sault Ste. Marie		5214899	674818					11/23/2011
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged
Kincaid Breccia		350.00	236.60		-44.60	Superior Drilling		
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified
Coppercorp		3015689		Bruce Edgar		Bruce Edgar		<input type="checkbox"/>
Zone/Prospect		Assessment Rpt. No.	Core Storage		Plug Depth	Makes Water	Capped	Environmental Inspection
			Coppercorp site			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Core Size (1)			Casing Pulled	Casing (1)		Plugged	Pulsed	Geophysics Contractor
(2)			<input type="checkbox"/>	(2)		<input type="checkbox"/>	<input type="checkbox"/>	Date Pulsed
Purpose			Results			Comments		
Intersect mineralized breccia on surface			Intersected mineralized felsite breccia			Updated by D. Tortosa Dec 6, 2011		

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
10.00			236.6		-44.6		<input checked="" type="checkbox"/>	Reflex EZ		
50.00			237		-43		<input checked="" type="checkbox"/>	Reflex EZ		
110.00			239.1		-42.7		<input checked="" type="checkbox"/>	Reflex EZ		

Lithology				Cu	Ag	Au				
From	To		Sample #	From	To	Len.	ppm	ppm	ppm	
0.00	-	2.60	OVB Casing CASING/OVERBURDEN							
2.60	-	5.08	6a Massive Basalt BASALT (Massive) - dark chloritic green, minor epidote content, medium grained, massive, well fractured, quite strongly magnetic but decreasing towards lower contact, occasional to rare agglomerations py - lower contact gardational, arbitrary							
5.08	-	21.06	6b Vesicular/Amygdaloidal Basalt BASALT (Amygdaloidal) - initially dark green but becoming epidotitic green down-hole, medium grained with prolific coarser amygdules of predominantly chlorite and lesser qtz, epidote, feldspar, amygdules benerally rimmed - after 10.00m- unit develops somewhat "gabbroic" appearance, abundant epidote fracture lining, amygdules remain, few occasional siliceous bands with epidote, some with chloritic fragments - after 15.50 m- epidotization begins decreasing downhole, unit becomes increasingly harder and silicified, appearance of narrow milky, siliceous veining/stringers with specks and masses of chalcopyrite locally to 2- 3%, fine siliceous fracture lining increasing downhole - 18.06- 18.40- milky siliceous section with numerous small host rock fragments, brecciated veining appearance with 5% chalcopyrite locally - a few masses and blebs cpy appear in fine milky siliceous stringers/fracture fill, unit maintains gabbroic appearance - unit becomes increasingly silicified with fractured to brecciated appearance, lineations and interstitial cpy in fractures towards lower contact, sharp @ 35 degrees to C.A.	E5205674	15.00	15.60	0.60	310	0.1	0.0005
				E5205675	15.60	16.20	0.60	448	0.1	0.0005
				E5205676	16.20	16.80	0.60	5540	3.1	0.014
				E5205677	16.80	17.40	0.60	967	0.1	0.003
				E5205678	17.40	18.00	0.60	1200	0.3	0.012
				E5205679	18.00	18.60	0.60	6960	2.6	0.018
				E5205680	18.60	19.20	0.60	10700	4.7	0.03
				E5205681	19.20	19.80	0.60	964	0.4	0.028
				E5205682	19.80	20.40	0.60	415	0.1	0.0005
				E5205683	20.40	21.00	0.60	30000	2	0.041
				E5205684	21.00	21.63	0.63	43500	10.9	0.073

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
21.06	- 21.63	Bx Breccia - Mineralized MINERALIZED BRECCIA - milky/siliceous matrix carrying silicified basaltic fragments, some hematite and to 10% interstitial masses chalcopyrite, some calcite/hematite fracture fill @ 35 degrees - lower contact sharp @ 35 degrees to C.A.							
21.63	- 25.57	9 Mafic Dike MAFIC INTRUSIVE - initially cherty, v. f. grained, hard, blocky fractures, massive, dark grey/black, quite strongly magnetic, hematite fracture lining, brecciated with calcite/hematite infill towards lower contact - 25.17- 25.25- fault gouge, mud @ 85 to 90 degrees - lower contact sharp @ 80 degrees to C.A.	E5205685	21.63	22.20	0.57	1180	1.1	0.018
			E5205686	22.20	22.80	0.60	2770	2.3	0.009
			E5205687	22.80	23.80	1.00	501	0.1	0.0005
			E5205688	23.80	24.80	1.00	1010	0.1	0.0005
			E5205689	24.80	25.40	0.60	687	0.1	0.0005
			E5205691	25.40	26.00	0.60	772	0.1	0.181
25.57	- 29.85	Bx Breccia - Felsite MINERALIZED FELSITE BRECCIA - initial 50 cm is brecciated qtz/calcite and hematized red felsite, then unit is auto-brecciated, hematized red Felsite with rare milky, siliceous infill around fragments, matrix predominantly hematite, few mafic fragments (MV or basalt?) - 26.90- 28.80- abundant chalcocite as infill and interstitial material, as well as specks, masses and lineations, specks of native copper initially - lower contact sharp @ 35 degrees to C.A. on fault gouge	E5205692	26.00	26.60	0.60	1840	6.3	0.082
			E5205693	26.60	27.20	0.60	18000	4.9	0.037
			E5205694	27.20	27.80	0.60	34400	5.6	0.047
			E5205695	27.80	28.40	0.60	47000	7.4	0.054
			E5205696	28.40	29.00	0.60	13200	4.6	0.051
			E5205697	29.00	29.60	0.60	623	1.7	0.026
			E5205698	29.60	30.00	0.40	1250	1.6	0.051
29.85	- 32.95	9 Mafic Dike MAFIC INTRUSIVE - as before @ 21.63 - lower contact sharp @ 80 degrees to C.A.	E5205699	30.00	30.60	0.60	4520	0.5	0.004

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
32.95	- 35.66	2 Mafic Metavolcanic - Silicified MAFIC VOLCANIC - slightly greenish-dark grey, fine grained, massive, quite hard, somewhat silicified, fractured with calcite infill, siliceous cherty banding on upper contact - lower contact sharp @ 75 degrees to C.A.							
35.66	- 36.30	9 Mafic Dike MAFIC INTRUSIVE - as before- lower contact sharp @ 75 degrees to C.A.							
36.30	- 36.63	2 Mafic Metavolcanic MAFIC VOLCANIC - as before @ 32.95- more chloritic green, lower contact sharp @ 45 degrees to C.A.							
36.63	- 38.76	4 Felsic Intrusive FELSIC INTRUSIVE - aphanitic/cherty matrix, coarser indistinct, qtz and feldspar pheno's, pinkish/brown color, hard, blocky fractures, highly siliceous, weak foliation/fluidal?, common fracture direction @ 35 degrees to C.A., - lower contact sharp @ 35 degrees to C.A.							
38.76	- 42.22	2 Mafic Metavolcanic - Foliated MAFIC VOLCANIC - as before- dark chloritic green, fine grained, weak foliation @ 35 to 40 degrees, initially very hard, siliceous. Frequent siliceous/carb fracture fill - 39.35- 40.02- brecciated section with siliceous/carb infill @ 10 to 35 degrees to C.A.	E5205701	39.30	40.10	0.80	229	0.1	0.003

<i>Lithology</i>				<i>Cu</i>	<i>Ag</i>	<i>Au</i>
<i>From</i>	<i>To</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Len. ppm</i>
42.22	- 42.53	4 Felsic Intrusive FELSIC INTRUSIVE - as before- cherty, sharp contacts @ 80 degrees to C.A.				
42.53	- 49.63	2 Mafic Metavolcanic MAFIC VOLCANIC - as @ 38.76- becomes slightly epidotitic down-hole, frequent siliceous and some hematitic fracture lining, weak foliation @ 35 degrees - lower contact sharp @ 30 degrees to C.A.				
49.63	- 51.92	4b Feldspar Porphyry FELSIC INTRUSIVE (Feldspar Porphyry) - medium grey, massive to weakly foliated @ 35 degrees, v. f. grained to aphanitic matrix with prolific fine/medium grained feldspar pheno's and lesser qtz pheno's, cherty, chilled margins, hard, blocky fractures with siliceous infill - lower contact sharp @ 35 degrees to C.A.				
51.92	- 56.57	2 Mafic Metavolcanic - Foliated MAFIC VOLCANIC - as before- frequent siliceous and some hematitic fracture linings, weak foliation 35 degrees, tr. Py lower contact sharp @ 10 to 15 degrees to C.A.				

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
56.57	- 57.15	4 Felsic Intrusive FELSIC INTRUSIVE - aphanitic, pink/tan, hard, almost cherty, fluidal @ 10 degrees, lower conyacy @ 10 degrees to C.A.							
57.15	- 60.20	2 Mafic Metavolcanic - Silicified MAFIC VOLCANIC - as before- increasingly hard and silicified, lower contact sharp @ 65 degrees to C.A.	E5205702	59.60	60.20	0.60	49.9	0.1	0.0005
60.20	- 60.72	Bx Breccia BRECCIA - brecciated fragments of MV in milky/siliceous + carbonate matrix, some hematite and hematite-red fragments (Felsite?) - lower contact sharp @ 90 degrees to C.A.	E5205703	60.20	60.80	0.60	452	1.1	0.062
60.72	- 89.04	2 Mafic Metavolcanic MAFIC VOLCANIC - as before- intensely silicified and fractured with calcite infill at low angles to C.A. - unit becomes less dark grey and increasingly epidotitic down-hole, unit is hard, siliceous and very fine grained, frequent hairling siliceous and epidotitic lining - after 68.00- unit becomes fine grained, frequent siliceous/hematitic fracture lining - after- 72.00m- unit more fine/medium grained, epidote content dissapating, weak foliation 35 degrees - unit continues as before- intermittently slight epidotitic and occasionally darker chloritic down-hole, finer grained, weak foliation remains 25 to 30 degrees to C.A. - lower contact sharp @ 40 degrees to C.A.I	E5205704	60.80	61.40	0.60	178	0.1	0.004
			E5205705	61.40	62.00	0.60	171	0.1	0.023

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
89.04	- 89.94	4 Felsic Intrusive FELSIC INTRUSIVE - medium grey to slightly tan/grey, aphanitic to v. f. grained, foliated/fluidal @ 20 to 25 degrees, hard, siliceous, blocky fractures, cherty chilled margins - lower contact sharp @ 25 degrees to C.A.							
89.94	- 100.25	2 Mafic Metavolcanic MAFIC VOLCANIC - as before- - 94.30- 94 23- 2 X 2 cm white qtz veinlets @ 30 to 35 degrees to C.A., with specks and masses chalcopyrite - occasional siliceous, hematitic and epidotitic fracture lining - lower contact sharp @ 20 degrees to C.A.	E5205706	94.20	94.50	0.30	1290	4.6	0.09
100.25	- 100.65	4 Felsic Intrusive FELSIC INTRUSIVE - cherty, chilled, hard, siliceous and pink - lower contact sharp @ 60 degrees to C.A.							
100.65	- 111.86	2 Mafic Metavolcanic MAFIC VOLCANIC - as before- - 105.3- 111.00- 8 dikelets of felsic intrusive as above at low angles to C.A. - 109.71- 110.69- irregular white qtz veinlets to 8 cm - EOH	E5205707 E5205708	109.70 110.30	110.30 110.80	0.60 0.50	62.3 138	0.1 0.3	0.0005 0.01

<i>Lithology</i>					<i>Cu</i>	<i>Ag</i>	<i>Au</i>	
<i>From</i>	<i>To</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Len.</i>	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>



Drillhole Log

Units Meters

Cenit Corporation

Province/State		Co-ordinate System		Grid/Property		Hole Type	Length	Date Started
Ontario		UTM NAD83 Canada Zone 16				Exploration hole	104.23	11/24/2011
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed
Sault Ste. Marie		5124896	674818					11/30/2011
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged
Kincaid Breccia		350.00	236.80		-68.20	Superior Drilling		
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified
Coppercorp		3015689		Bruce Edgar		Bruce Edgar		<input type="checkbox"/>
Zone/Prospect		Assessment Rpt. No.	Core Storage		Plug Depth	Makes Water	Capped	Environmental Inspection
			Coppercorp site			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Core Size (1)			Casing Pulled	Casing (1)		Plugged	Pulsed	Geophysics Contractor
(2)			<input type="checkbox"/>	(2)		<input type="checkbox"/>	<input type="checkbox"/>	Date Pulsed
Purpose			Results			Comments		
Intersect mineralized breccia on surface			Intersected mineralized felsite breccia			Updated by D. Tortosa Dec 6, 2011		

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
3.00			236.8		-68.2		<input checked="" type="checkbox"/>			
45.00			240.9		-68		<input checked="" type="checkbox"/>			
95.00			243		-67.8		<input checked="" type="checkbox"/>			

Lithology				Cu	Ag	Au				
From	To		Sample #	From	To	Len.	ppm	ppm	ppm	
0.00	-	1.80	OVB Casing CASING/OVERBURDEN							
1.80	-	4.40	6 Basalt BASALT (Massive) - dark chloritic green, fine/medium grained, massive, abundant blocky fractures, quite strongly magnetic, lower contact sharp, irregular							
4.40	-	19.52	6b Vesicular/Amygdaloidal Basalt BASALT (Amygdaloidal, gabbroic) - 4.40- 4.94- initially fragmental with siliceous infill - generally dark green with epidotitic patches and hairline fracture fill, massive, fine groundmass with prolific coarser epidote/chlorite/calcite/qtz filled amygdules, many amygdules rimmed - after 9.0 m- unit has a gabbroic appearance and exhibits strong epidotization, frequent to abundant epidote fracture lining, prolific coarser dark pheno's - 16.15- 7 cm milky, siliceous veining with hematized fragments @ 70 degrees - 18.98- 19.19- 5 cm and 3 cm milky, siliceous veining @ 70 and 55 degrees - lower flow contact @ 55 degrees to C.A.	E5205716	16.00	16.30	0.30	2840	1	0.004
				E5205717	18.90	19.20	0.30	6170	3.7	0.077
19.52	-	22.66	6a Massive Basalt BASALT (Massive) - dark green/grey to slightly reddish, prolific medium grained dark chloritic pheno's, massive, frequent calcite/siliceous fracture lining - 22.44- 27.66- irregular siliceous infill with masses of cpy 5 to 7% - lower contact sharp @ 75 degrees to C.A.,	E5205718	21.80	22.40	0.60	288	0.1	0.017
				E5205719	22.40	22.70	0.30	37000	21.7	0.303

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
22.66	- 26.16	9 Mafic Dike							
		MAFIC INTRUSIVE	E5205720	22.70	23.30	0.60	302	0.9	0.011
		- cherty, chilled margins, dark grey/black, hard, siliceous, blocky fracturing, strongly magnetic	E5205721	25.60	26.15	0.55	2930	0.1	0.0005
		- 23.55- 23.80- intercallation of silicified, fractured basalt	E5205722	26.15	26.80	0.65	1360	0.1	0.0005
		- 24.00- 25.00- this section appears to be an intercallation of hematized amygdular basalt, silicified, blocky and broken core, diss py							
		- hematitic fracture joining towards lower contact, sharp @ 70 degrees to C.A.							
26.16	- 30.54	Bx Breccia - Felsite							
		MINERALIZED BRECCIA	E5205723	26.80	27.40	0.60	1520	0.1	0.007
		- predominantly red, hematized fragments of aphanitic Felsite, lesser basalt/MV? Fragments, interstitial milky, siliceous qtz/carb infill, some veining up to 28 cm	E5205724	27.40	28.00	0.60	1550	1.2	0.12
		- after 28.30- the breccia is speckled with small masses of native copper, malachite and lesser specks of chalcocite,- the mineralization occurs in the interstitial qtz/calcite and within the fragments of felsite and MV	E5205725	28.00	28.60	0.60	5350	1.6	0.139
		- lower contact sharp @ 70 degrees to C.A.	E5205726	28.60	29.20	0.60	8610	2.3	0.032
			E5205727	29.20	29.80	0.60	1670	1.1	0.027
			E5205728	29.80	30.20	0.40	2610	0.5	0.115
			E5205729	30.20	30.54	0.34	869	1.2	0.031
30.54	- 33.99	2 Mafic Metavolcanic							
		MAFIC VOLCANIC	E5205731	30.54	31.20	0.66	479	0.1	0.005
		- generally dark chloritic green with moderate epidotization and epidotized feldspars, unit is fine/medium grained, hard, siliceous, hairline epidote and hematite fracture lining	E5205732	31.20	32.20	1.00	1320	0.1	0.002
		- highly silicified towards lower contact, sharp @ 35 degrees to C.A.	E5205733	32.20	33.20	1.00	921	0.1	0.002
			E5205734	33.20	33.80	0.60	312	0.1	0.002
			E5205735	33.80	34.40	0.60	481	0.1	0.005

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
33.99	- 35.20	4 Felsic Intrusive FELSIC INTRUSIVE	E5205736	34.40	34.70	0.30	4650	4.9	0.008
		- cherty/chilled margins, aphanitic to v. f. grained, grey to orange/tan color, hard, blocky fracturing, siliceous infill, hematitic fracture lining	E5205737	34.70	35.30	0.60	135	0.1	0.0005
		- 34.44- 34.67- milky, siliceous qtz carrying proliferation of silicified MV, felsic and possible Felsite fragments, fine specks and masses of chalcocite, lesser cpy and tr pyrrhotite all at 40 degree upper, 70 degree lower contacts							
		- lower contact sharp @ 70 degrees to C.A							
35.20	- 42.41	2 Mafic Metavolcanic MAFIC VOLCANIC							
		- dark chloritic green, fine/medium grained, prolific fine epidotized feldspar spotting, frequent to prolific hairline epidote and siliceous fracture lining, weak foliation/common fracture direction 25 degrees, weak magnetism, fine diss py thru-out							
		- lower contact sharp, irregular							
42.41	- 42.74	4 Felsic Intrusive FELSIC INTRUSIVE							
		- as before- lower contact irregular							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
42.74	- 75.00	2 Mafic Metavolcanic - Silicified							
		MAFIC VOLCANIC	E5205738	48.70	49.20	0.50	223	0.1	0.004
		- initially fine grained but becoming v. f. grained down-hole, drak chloritic green/grey, highly silicified, very hard, prolific hairline siliceous fracture fill, minor epidote and hematite lining, blocky fractures, some strongly epidotitic patches and bands	E5205739	51.60	51.90	0.30	305	0.1	0.019
		- 43.48- narrow felsic intrusive dikelet @ 15 degrees upper, 40 degrees lower contacts	E5205741	65.40	65.80	0.40	33.5	0.3	0.0005
		- 48.90- 4 cm white qtz veining @ 55 degrees, with a few narrow stringers	E5205742	67.40	67.70	0.30	31.2	0.1	0.003
		- 51.70- 6 cm wide 50% white xln qtz veining @ 35 degrees	E5205743	71.60	71.90	0.30	117	0.1	0.002
		- unit continues quite homogeneous, aphanitic to v. f, grained, extremely silicified and hard, frequent siliceous, hematitic and lesser epidotitic fracture lining							
		- 65.46- 65.70- white, xln qtz vn @ 55 degrees, chlorite and hematite fracture lining							
		- after 62.00- unit becomes slightly more green in color and slight increase to fine grain size							
		- 67.53- 4 cm white, xln, qtz vein @ 40 degrees, chlorite/hematite fracture lining							
		- 71.74- 3 cm qtz vn as above 55 degrees							
		- lower contact sharp @ 35 degrees to C.A.							
75.00	- 77.97	4 Felsic Intrusive							
		FELSIC INTRUSIVE	E5205744	76.10	76.60	0.50	6.7	0.1	0.0005
		- aphanitic groundmass with frequent , indistinct feldspar pheno's and rare qtz eyes, dark orange/tan color, weak foliation/fluidal @ 30 to 35 degrees, frequent siliceouséqtz stringers and fracture fill							
		- lower contact sharp @ 45 degrees to C.A.							

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
77.97	- 84.15	2 Mafic Metavolcanic MAFIC VOLCANIC	E5205745	80.20	80.80	0.60	274	0.1	0.028
		- as before- f. grained variety, darl chloritic green	E5205746	80.80	81.40	0.60	1100	0.7	0.004
		- 80.28- 81.38- milky qtz veining and vein breccia with host rock fragments							
		- host MV silicified on contacts of veining and somewhat fractured appearance							
		-lower contact sharp @ 45 degrees to C.A. (flow conatct)							
84.15	- 90.95	2 Mafic Metavolcanic MAFIC VOLCANIC							
		- dark chloritic green and epidotized, fine.medium grained, massive to weak foliation, becoming fine grained. More grey and silicified towards lower contact							
		- Lower contact sharp @ 35 degrees to C.A.							
90.95	- 97.55	4b Feldspar Porphyry FELSIC INTRUSIVE (Feldspar Porphyry)	E5205747	94.70	100.30	5.60	1250	0.8	0.051
		- generally medium grey to slight tan orange color, aphanitic to fine grained matrix with proliferation of feldspar pheno's to coarse grain size, weak foliation/ fluidal @ 35 degrees to C.A., phases to aphanitic size with lack of pheno's, could represent multiple fintrusions							
		- lower contact @ 5 degrees to C.A.							

<i>Lithology</i>					<i>Cu</i>	<i>Ag</i>	<i>Au</i>		
<i>From</i>	<i>To</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Len.</i>	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>
97.55	- 104.23	2 Mafic Metavolcanic - Silicified MAFIC VOLCANIC							
		- initially with epidote band, then fine grain size, dark grey, intensely silicified and hard, fine diss py							
		- 99.77- 100.28- 10% py agglomerations ending in a discontinuous Qtz bleb, pseudo lineations py @ 35 degrees							
		- unit continues v.f. to f. grained, quite strongly epidotitic, hard, siliceous							



Drillhole Log

Units Meters

Cenit Corporation

Province/State		Co-ordinate System		Grid/Property		Hole Type	Length	Date Started
Ontario		UTM NAD83 Canada Zone 16				Exploration hole	92.60	11/30/2011
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed
Sault Ste. Marie		5214839	674883					12/15/2011
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged
Kincaid Breccia		357.00	235.20		-45.00	Superior Drilling		
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified
Coppercorp		3015689		Bruce Edgar		Bruce Edgar		<input type="checkbox"/>
Zone/Prospect		Assessment Rpt. No.	Core Storage		Plug Depth	Makes Water	Capped	Environmental Inspection
			Coppercorp site			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Core Size (1)			Casing Pulled	Casing (1)		Plugged	Pulsed	Geophysics Contractor
(2)			<input type="checkbox"/>	(2)		<input type="checkbox"/>	<input type="checkbox"/>	Date Pulsed
Purpose			Results			Comments		
Intersect mineralized breccia on surface			Intersected mineralized felsite breccia			Updated by D. Tortosa Dec 6, 2011		

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
5.00			235.2		-45		<input checked="" type="checkbox"/>	Reflex EZ		
50.00			236.8		-44.7		<input checked="" type="checkbox"/>	Reflex EZ		
90.00			240.4		-43.8		<input checked="" type="checkbox"/>	Reflex EZ		

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
0.00	-	1.50							
		OVB Casing CASING/OVERBURDEN							
1.50	-	31.44							
		6a Massive Basalt BASALT (Massive, Amygdaloidal)	E5205748	17.20	17.70	0.50	50.9	0.1	0.012
		- dark chloritic green/grey, fine/medium grained, massive, prolific coarse dark pheno's, frequent carb/hematite fracture lining							
		- after 5.00m- gradational change to amygdaloidal basalt, f. grained matrix with prolific coarser calcite/qtz amygdules, slight reddish-hematitic tinge, frequent siliceous/calcite/hematite fracture lining							
		- after 8.10m- amygdules dissipate, unit as at 1.50m							
		- after 12.30m- unit gradational to amygdaloidal as at 5.00m							
		- after 17.00m- unit gradational to massive, chloritic variety							
		- 17.28- 17.72- qtz/calcite veining and brecciated fragments @25 degrees, hematitic infill							
		= 19.70- 20.40- amygdaloidal, slightly hematitic variety, weak to locally moderate carbonitization							
		- 20.40- 22.25- massive, coarser chloritic pheno's variety							
		- 22.25= 25.80- amygdaloidal, slightly hematitic variety							
		- 25.80- 29.70- massive, coarser chloritic pheno's variety							
		- 29.70- 30.78- amygdaloidal, hematitic variety							
		- 30.78- 31.44- chloritic variety							
		- lower contact sharp @ 40 degrees to C.A.							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
31.44	- 33.76	9 Mafic Dike MAFIC INTRUSIVE? - very fine grained, massive, dark chloritic gree-grey, moderately to locally more strongly magnetic, few siliceous hairline fractures - lower contact sharp @ 30 degrees to C.A.							
33.76	- 37.27	6 Basalt - Altered MAFIC VOLCANIC- BASALT? - unit is strongly epidotized, v. f. to f. grained, weak foliation? Fluidal? @ 35 to 40 degrees, combination of dark chloritic and epidotitic green, abundant epidote lining, unit appears auto-brecciated towards end of unit. Siliceous, some hematitic infill - lower contact sharp, irregular, @ 80 degrees ?							
37.27	- 40.14	9 Mafic Dike MAFIC INTRUSIVE? - as before @ 31.44, central section is slightly hemattic brown color, fractured at lower contact, sharp @ 70 degrees to C.A.	E5205749	39.40	40.00	0.60	2780	0.3	0.0005
			E5205750	40.00	40.60	0.60	621	0.1	0.01
40.14	- 44.20	Bx Breccia - Felsite QUARTZ/HEMATITE (Felsite) BRECCIA - 40.14- 40.46- brecciated host rock with interstitial calcite/qtz matrix - 40.46- 40.77- Fault gouge/mud @ 80 degrees? - after 40.77- predominantly Felsite fragments, auto-brecciation with minir milky, siliceousminfill, some stringers/veinlets., towards end of section fragments are predominantly MV/basalt?, silicified.- very occasional fine specks of chalcocite and very fine native copper - much of the siliceous matrix is a hematitic pink/red color - lower contact sharp @ 60 degrees to C.A.	E5205751	40.60	41.20	0.60	604	0.5	0.002
			E5205752	41.20	41.80	0.60	692	0.7	0.009
			E5205753	41.80	42.40	0.60	427	0.6	0.007
			E5205754	42.40	43.00	0.60	358	0.8	0.008
			E5205755	43.00	43.60	0.60	213	0.4	0.008
			E5205756	43.60	44.20	0.60	845	0.1	0.004

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
44.20	- 48.60	4b Feldspar Porphyry FELSIC INTRUSIVE (Feldspar Porphyry) - medium grey to tan/brown grey, aphanitic with coarser indistinct feldspar pheno's, weak foliation/fluidal @ low angles to C.A., somewhat brecciated/fractured appearance with dark (chloritic?) infill and some discontinuous siliceous infill, unit is hard, blocky fractured - lower contact sharp @ 35 degrees to C.A.	E5205757	44.20	44.80	0.60	512	0.1	0.0005
48.60	- 57.50	2 Mafic Metavolcanic - Silicified MAFIC VOLCANIC - dark chloritic green, hard, silicified, initially fine spotting (feldspars?), generally very fine grained, frequent siliceous fracture fill, weakly magnetic - 48.87- 49.16- fractured white, xln, qtz veining @ 30 degrees, coarse py agglomerations on margins - 51.14- 51.97- irregular intercallations of dark orange, aphanitic fractured Felsic Intrusive - frequent siliceous and epidote fracture lining, occasional qtz blebs - lower contact sharp @ 45 degrees to C.A.	E5205758	48.80	49.20	0.40	203	0.1	0.008
57.50	- 58.22	4b Feldspar Porphyry FELSIC INTRUSIVE (Feldspar Porphyry) - as before- lower contact sharp @ 60 degrees							

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
58.22	- 62.33	2 Mafic Metavolcanic - Silicified MAFIC VOLCANIC - as before- v. f. grained, dark chloritic green, some minor epidotitic areas, hard, silicified, frequent siliceous, lesser hematitic fracture lining, occasional disc qtz veins blebs with minor agglomerations py in margins - lower contact irregular							
62.33	- 69.83	4 Felsic Intrusive FELSIC INTRUSIVE - as before- but indistinct feldspar pheno's are rare, unit is well fractured with dark chloritic? Infill and some siliceous, few narrow intercallations silicified MV, occasional white qtz veinlets, unit commonly fractured 20 degrees - brecciated lower contact with qtz infill							
69.83	- 77.72	2 Mafic Metavolcanic - Silicified MAFIC VOLCANIC - as before- but more medium grained, dark chloritic green, some minor epidotitic areas, hard, silicified, frequent siliceous, lesser hematitic fracture lining, - 76.15- 5 cm qtz veining @ 30 degrees with mafic fragments and some coarse aggl py in margins - unit slightly epidotitic - lower contact irregular	E5205759	75.40	76.00	0.60	219	0.1	0.002
			E5205761	76.00	76.30	0.30	519	0.1	0.006
			E5205762	76.30	76.90	0.60	1100	0.1	0.0005
77.72	- 78.40	4 Felsic Intrusive FELSIC INTRUSIVE - as before- few indistinct feldspar pheno's, lower conatct sharp @ 30 degrees to c.A.	E5205763	78.20	78.80	0.60	50.2	0.1	0.0005

Lithology						Cu	Ag	Au	
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
78.40	- 92.60	2 Mafic Metavolcanic							
		MAFIC VOLCANIC	E5205764	78.80	79.40	0.60	77	0.1	0.0005
		- as before- more medium grained, with epidotitic feldspar spotting, hard silicified, frequent siliceous + epidote and rare hematite fracture lining	E5205765	79.40	79.70	0.30	64.9	0.1	0.001
			E5205766	79.70	80.30	0.60	633	0.1	0.003
		- 79.55- 5 cm qtz/calcite/hematite veining @ 50 degrees, with few masses chalcocite	E5205767	82.60	83.20	0.60	160	0.1	0.0005
			E5205768	83.20	83.60	0.40	3	0.1	0.0005
		- 83.35- 10 cm as above @ 35 degrees, few specks and masses chalcocite	E5205769	83.60	84.20	0.60	6490	2.5	0.014
			E5205770	85.40	86.00	0.60	10.8	0.1	0.032
		- after 85.40- un it is highly silicified, epidotized, abundant low angle (5 to 10 degrees) qtz veining to a few cm wide, epidote veining and patches, most qtz veinlets carry masses chalcopyrite	E5205771	86.00	86.60	0.60	163	0.1	0.0005
			E5205772	86.60	87.20	0.60	11.8	0.1	0.0005
			E5205773	87.20	87.80	0.60	29.5	0.1	0.0005
			E5205774	87.80	88.40	0.60	1560	0.1	0.002
			E5205775	88.40	89.00	0.60	0.25	0.1	0.0005
			E5205776	89.00	89.60	0.60	1010	0.1	0.01
			E5205777	89.60	90.20	0.60	5.9	0.1	0.0005
			E5205778	90.20	90.80	0.60	401	0.1	0.004
			E5205779	90.80	91.40	0.60	1890	1.5	0.052
			E5205780	91.40	92.00	0.60	3620	0.6	0.0005
			E5205781	92.00	92.60	0.60	1630	1.2	0.003



Drillhole Log

Units Meters

Cenit Corporation

Province/State		Co-ordinate System		Grid/Property		Hole Type	Length	Date Started
Ontario		UTM NAD83 Canada Zone 16				Exploration hole	90.52	2/15/2012
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed
Sault Ste. Marie		5214839	674883					2/20/2012
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged
Kincaid Breccia		357.00	239.20		-69.80	Superior Drilling		
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified
Coppercorp		3015689		Bruce Edgar		Bruce Edgar		<input type="checkbox"/>
Zone/Prospect		Assessment Rpt. No.	Core Storage		Plug Depth	Makes Water	Capped	Environmental Inspection
			Coppercorp Site			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Core Size (1)			Casing Pulled	Casing (1)		Plugged	Pulsed	Geophysics Contractor
(2)			<input type="checkbox"/>	(2)		<input type="checkbox"/>	<input type="checkbox"/>	Date Pulsed
Purpose			Results			Comments		
Intersect mineralized breccia on surface			Intersected mineralized breccia			Updated by D. Tortosa March 19, 2012		

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
5.00			239.2		-69.8		<input checked="" type="checkbox"/>	Reflex EZ		
45.00			240.1		-69.1		<input checked="" type="checkbox"/>	Reflex EZ		
85.00			240.4		-69.3		<input checked="" type="checkbox"/>	Reflex EZ		

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
0.00	- 1.05	OVB Casing CASING/OVERBURDEN							
1.05	- 37.90	6b Vesicular/Amygdaloidal Basalt BASALT (Amygdaloidal)							
		- generally chloritic green-grey, fine/medium grained, prolific fine hematized pheno's and dark black chloritic pheno's, intermittently prolific calcite, lesser chlorite/epidote filled amygdules, unit phases between slight hematitic red-brown color and chloritic green color, generally massive, frequent calcite fracture-fill commonly @ 15 to 20 degrees to C.A., minor epidote fracture lining and amygdule rimming	E5205782	6.25	6.65	0.40	144	0.1	0.004
			E5205783	29.40	29.80	0.40	131	0.1	0.005
			E5205784	36.60	37.20	0.60	11.8	0.1	0.004
			E5205785	37.20	37.80	0.60	1.1	0.1	0.006
			E5205786	37.80	38.40	0.60	4150	1.1	0.008
		- 6.5m- 5 cm calcite veining @ 20 degrees to c.A.							
		- a number of fine calcite fracture linings have hematitic alteration halos to 1- 2 cm wide							
		- quite possibly a number of narrow flows with gradational contacts							
		- 14.00- 17-60- unit overall hematitic red/brown color, mprolific dark, black, chloritic pheno's, infrequent amygdules							
		- after 17.60- unit becomes increasingly dark chloritic green-grey color, prolific dark black, chloritic phenos', frequent calcite fracture lining							
		- after 22.00- frequent dark chloritic amygdules, most frequent calcite fracture fill @ 15 to 20 degrees to C.A.							
		- unit remains fine/medium grained with lighter feldspar pheno's, dark black pheno's, and hematitic red pheno's							
		- 29.56- slip face 45 degrees, broken core/ calcite fill							
		- after 33.00- unit becomes more epidotitic, general increase in ca- carbonitization							
		- after 37.00- proliferation of calcite filled amygdules, few specks specularite, abundant fine epidote linings to lower contact, sharp @ 45 degrees							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
37.90	- 39.02	Bx Breccia BRECCIA	E5205787	38.40	39.00	0.60	5450	1.8	0.017
		- angular fragments of chloritized MV, basalt, felsite with matrix of milky-white quartz, very occasional fine specks chalcocite	E5205788	39.00	39.60	0.60	545	0.1	0.003
		- 38.60- hematitic slip face @ 45 degrees to C.A., after which core is predominantly felsite, broken and blocky							
		- lower contact irregular, approx. 65 degrees to c.A.							
39.02	- 42.55	9 Mafic Dike MAFIC INTRUSIVE	E5205789	41.90	42.50	0.60	7630	0.5	0.002
		- fine grained, accicular feldspars and mafics, slightly greenish-grey, massive, blocky, broken fractures, quite strongly magnetic, disseminated py and fine magnetite, low angle hematitic fractures, unit finer grained to cherty near contacts, possible multiple generations of diking, locally to 5% py	E5205791	42.50	43.10	0.60	1710	0.1	0.02
		- lower contact sharp in broken core							
42.55	- 45.90	VBx Vein Breccia VEIN BRECCIA/ CALCITE VEIN BRECCIA	E5205792	43.10	43.70	0.60	2400	4.4	0.009
		- brecciated/hematized red-brown fragments with calcite infill and calcite vein breccia, fragments appear to be all hematized mafic volcanic, most calcite veinlets and fracture fill @ 65 to 70 degrees to C.A., -some fractured less-brecciated sections, -few very fine metallic specks (chalcocite?) and few small patches malachite	E5205793	43.70	44.30	0.60	1560	1.6	0.01
		- lower contact sharp @ 75 degrees to C.A.	E5205794	44.30	44.90	0.60	2340	0.1	0.061
			E5205795	44.90	45.50	0.60	3490	0.1	0.044
			E5205796	45.50	46.10	0.60	527	0.1	0.015
45.90	- 47.85	Bx Breccia BRECCIA (KINCAID)	E5205797	46.10	46.70	0.60	282	0.1	0.007
		- fractured to brecciated in places, MV host with milky, siliceous matrix, infill and some veining, some hematitic fracture lining, tr. Py and tr chalcocite	E5205798	46.70	47.30	0.60	109	0.1	0.003
		- lower contact sharp @ 75 degrees to C.A.	E5205799	47.30	47.90	0.60	73.4	0.1	0.009

Lithology						Cu	Ag	Au	
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
47.85	- 48.97	4b Feldspar Porphyry FELSIC INTRUSIVE (FELDSPAR PORPHYRY)	E5205801	47.90	48.50	0.60	76.1	0.1	0.003
		- slight tan-grey, aphanitic matrix with frequent, indistinct feldspar pheno's, siliceous, hard, blocky fractures, -minor mafic inclusions, occasional Qtz eyes?	E5205802	48.50	49.10	0.60	19.8	0.1	0.003
		- lower contact sharp, irregular, about 70 degrees to C.A.							
48.97	- 49.23	2 Mafic Metavolcanic MAGIC VOLCANIC	E5205803	49.10	49.70	0.60	10.8	0.1	0.003
		- narrow intercallations of silicified MV, fine/med grained, dark grey, massive							
		- lower contact sharp @ 65 degrees to C.A.							
49.23	- 51.36	4 Felsic Intrusive FELSIC INTRUSIVE	E5205804	49.70	50.30	0.60	8	0.1	0.0005
		- orange/tan color, aphanitic, siliceous with minor mafic inclusions, very finely diss py, massive, hard, blocky fractured appearance, fractures commonly @ 25 degrees to C.A., almost auto-brecciated appearance	E5205805	50.30	50.90	0.60	9.2	0.1	0.002
		- lower contact sharp, irregular	E5205806	50.90	51.50	0.60	10	0.1	0.007
51.36	- 55.15	2 Mafic Metavolcanic MAFIC VOLCANIC	E5205807	54.55	55.15	0.60	10.9	0.1	0.006
		- fine grained, chloritic green-grey, massive, finely diss py, fine calcite fracture lining							
		- 10 cm white, fractured Qtz vein on upper contact, chloritic infill,							
		- unit intensely silicified and hard							
		- lower contact sharp @ 70 degrees to C.A.							

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
55.15	- 55.96	4 Felsic Intrusive FELSIC INTRUSIVE	E5205808	55.15	55.90	0.75	9.5	0.1	0.008
		- slight tan-grey, aphanitic to very fine grained, massive to fluidal?, hard, siliceous, - 5 to 10% white qtz veining with chloritic fracture fill, veining irregular, some discontinuous from 15 to 30 degrees to C.A., and some X-cutting @ 50 to 80 degrees to C.A.	E5205809	55.90	56.50	0.60	16.5	0.1	0.016
		- lower contact sharp 35 degrees to C.A.							
55.96	- 59.24	2 Mafic Metavolcanic MAFIC VOLCANIC/FELSIC INTRUSIVE	E5205811	56.50	57.10	0.60	9.2	0.1	0.003
		- entire section features intensely silicified MV with irregular, often low-angle intercallations of Felsic Intrusive as before, sharp contacts, -2 to 3% white qtz stringers and veinlets @ 5 to 35 degrees to C.A.	E5205812	57.10	57.70	0.60	52	0.1	0.005
		- lower contact sharp, irregular	E5205813	57.70	58.30	0.60	11.9	0.1	0.005
			E5205814	58.30	58.90	0.60	15.2	0.1	0.008
			E5205815	58.90	59.50	0.60	25	0.1	0.005
59.24	- 62.79	2 Mafic Metavolcanic MAFIC VOLCANIC							
		- as before, intensely silicified, initially bleached and coarser grained appearance, somewhat epidotized, fine epidote linings, becomes very fine grained and darker grey,- minor magnetite and fine diss py occasionally							
		- lower contact sharp @ 35 degrees to C.A.							
62.79	- 63.72	4 Felsic Intrusive FELSIC INTRUSIVE							
		- as before- slight tan-grey, hard, siliceous, aphanitic, minor mafic inclusions							
		- lower contact sharp @ 60 degrees to C.A.							

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
63.72	- 66.10	2 Mafic Metavolcanic MAFIC VOLCANIC - as before- fine grained, chloritic green-grey, foliation development @ 40 degrees to C.A., hard, silicified, minor epidote content, tr fine diss py, minor, irregular intercallations of Felsic Intrusive towards lower contact - lower contact sharp @ 25 degrees to C.A.							
66.10	- 66.62	4 Felsic Intrusive FELSIC INTRUSIVE - as before- lower contact sharp @ 45 degrees to C.A.							
66.62	- 67.79	2 Mafic Metavolcanic MAFIC VOLCANIC - as before- hard, intensely silicified - 67.18- 6 cm qtz veinlet with dark mafic fragments and k-spar? @ 35 degrees to C.A. - lower contact sharp @ 15 to 20 degrees to C.A.	E5205816	66.90	67.40	0.50	2	0.1	0.002
67.79	- 68.70	4 Felsic Intrusive FELSIC INTRUSIVE - as before- lower contact sharp @ 25 degrees to C.A.							

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
68.70	- 74.54	<p>2 Mafic Metavolcanic MAFIC VOLCANIC - as before- highly silicified, initially massive, weak foliation development @ 15 to 30 degrees to C.A., remains fine grained, slightly epidotitic, occasional irregular white qtz blebs and stringers</p> <p>- 73.73- irregular 15 cm dikelet of Feldspar Porphyry</p> <p>- 74.33- 3 cm veinlet qtz and mafic fragments @ 25 degrees to C.A.</p> <p>- lower contact sharp @ 60 to C.A.</p>	E5205817	74.10	74.60	0.50	9.5	0.1	0.003
74.54	- 77.51	<p>4b Feldspar Porphyry FELSIC INTRUSIVE (FELDSPAR PORPHYRY)</p> <p>- very slightly tan-grey- aphanitic/siliceous matrix with frequent to prolific, indistinct feldspar pheno's, massive to locally fluidal, hard, blocky, fracturing, occassional siliceous fracture fill</p> <p>- lower contact area pinkish, sharp, irregular</p>							
77.51	- 80.10	<p>2 Mafic Metavolcanic MAFIC VOLCANIC</p> <p>- as before- fine epidote fracture lining, highly silicified- few 1/2 to 1 cm qtz stringers @ 25 degrees to c.A.</p> <p>- lower contact sharp on 1 cm qtz veinlet @ 45 degrees to c.A.</p>							
80.10	- 81.80	<p>4 Felsic Intrusive FELSIC INTRUSIVE</p> <p>- tan to flesh-grey, -as before- aphanitic, siliceous, blocky fractures, massive to fluidal</p> <p>- lower contact sharp @ 45 degrees to C.A.</p>							

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
81.80	- 82.48	Vn Vein QUARTZ VEINING - white, xln qtz carrying dark, silicified host MV fragments and chloritized fragments and fracture lining, ending on calcite/hematite slip face @ 30 degrees to C.A.	E5205818	81.80	82.50	0.70	37.7	0.1	0.003
82.48	- 87.90	2 Mafic Metavolcanic MAFIC VOLCANIC - as before- v. f. to fine grained, intensely silicified, few epidote and siliceous fracture linings - 87.05- 87.60- some irregular white, xln, qtz veining with host rock fragments and a narrow, siliceous mafic breccia @ 15 degrees to c.A. - lower contact irregular	E5205819	87.00	87.60	0.60	7	0.1	0.003
			E5205820	87.60	88.20	0.60	16.4	0.1	0.002
87.90	- 90.41	4b Feldspar Porphyry FELSIC INTRUSIVE (FELDSPAR PORPHYRY) - as before- prolific, coarse feldspar pheno's in aphanitic matrix - to 89.10- 10% white, xln, qtz veinlets and stringers @ 20 degrees to C.A. - lower contact sharp, irregular	E5205821	88.20	89.10	0.90	7	0.1	0.019
90.41	- 90.52	2 Mafic Metavolcanic MAFIC VOLCANIC - as before-							



Drillhole Log

Units Meters

Cenit Corporation

Province/State		Co-ordinate System		Grid/Property		Hole Type	Length	Date Started
Ontario		UTM NAD83 Canada Zone 16				Exploration hole	69.19	2/22/2012
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed
Sault Ste. Marie		5214765	674935					2/25/2012
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged
Kincaid Breccia		339.00	235.10		-46.00	Superior Drilling		
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified
Coppercorp		3015689		Bruce Edgar		Brian Edgar		<input type="checkbox"/>
Zone/Prospect		Assessment Rpt. No.	Core Storage		Plug Depth	Makes Water	Capped	Environmental Inspection
			Coppercorp Site			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Core Size (1)			Casing Pulled	Casing (1)		Plugged	Pulsed	Geophysics Contractor
(2)			<input type="checkbox"/>	(2)		<input type="checkbox"/>	<input type="checkbox"/>	Date Pulsed
Purpose			Results			Comments		
Intersect mineralized breccia on surface			Intersected mineralized breccia			Updated by D. Tortosa March 19, 2012		

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
5.00			235.1		-46		<input checked="" type="checkbox"/>			
35.00			235.6		-46.2		<input checked="" type="checkbox"/>			
65.00			236.3		-45.6		<input checked="" type="checkbox"/>			

<i>Lithology</i>				<i>Cu</i>	<i>Ag</i>	<i>Au</i>
<i>From</i>	<i>To</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Len. ppm</i>
0.00	- 1.10	OVB Casing CASING/OVERBURDEN				
1.10	- 4.05	9 Mafic Dike MAFIC INTRUSIVE - very fine grained, siliceous, medium grey, massive, some hematite fracture fill and very few qtz/carb fracture fill, to <1% diss py, unit highly magnetic - lower contact sharp in broken core				
4.05	- 4.47	6 Basalt BASALT - medium to coarse grained, greenish-grey color, strongly epidotized, massive, few qtz stringers, unit weakly magnetic -lower contact sharp in broken core				
4.47	- 9.35	9 Mafic Dike MAFIC INTRUSIVE - as before @ 1.10, chilled, cherty, upper and lower contacts, unit massive, highly siliceous and strongly magnetic - 4.60- 8.82- some hematitic alteration on fractures, to 1% diss py, to 5% hematized grains - lower contact sharp @ 70 degrees to C.A.				

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
9.35	- 14.78	6 Basalt							
		BASALT	E5205822	10.88	11.48	0.60	8.6	0.1	0.001
		- as before- medium to coarse grained, greenish-grey color, unit epidotized with few hematite fracture fills, locally frequent hematitic pheno's, frequent calcite fracture fill and stringers, weak magnetism, increased slightly towards contacts	E5205823	11.48	12.08	0.60	3210	1.1	0.005
			E5205824	12.08	12.68	0.60	2820	0.4	0.015
			E5205825	12.68	13.58	0.90	34.6	0.1	0.0005
		- 11.28- 7cm qtz veining @ 40 degrees to C.A., with few malachite specks, hematitic fracture fill	E5205826	13.58	14.18	0.60	52	0.1	0.041
			E5205827	14.18	14.78	0.60	606	0.1	0.009
		- after 11.60- more sulphides within host rock to 1- 2% locally, tr cpy							
		- 12.14- 1cm qtz veinlet @ 75 degrees, py,cpy on contact and along fractures							
		- 12.54- 6cm qtz vein approx @ 80 degrees, few malachite blebs and cpy, lesser py							
		- unit more fractured and brecciated appearance towards lower contact							
		- 12.81- 2cm qtz veinlet @ 70 degrees with minor malachite							
		- hematitic fracture fill and veinlets more common towards lower contact, sharp on fault gouge? @ 60 degrees to C.A.							
14.78	- 15.42	Bx Breccia							
		MAFIC BRECCIA (Kincaid Type)	E5205828	14.78	15.38	0.60	2360	0.4	0.006
		- both MV ans Basalt fragments in a siliceous, carbonitized matrix which is milky	E5205829	15.38	15.98	0.60	361	0.3	0.013
		- 14.80- 2 X 1cm qtz veinlets encasing sulphide lense with cpy and py to 5%							
		- lower contact sharp @ 85 degrees to C.A., defined by 1 1/2cm qtz veinlet with malachite and few chalcocite blebs							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
15.42	- 17.40	Bx Breccia - Felsite							
		FELSITE BRECCIA (Minor Mineralization)	E5205831	15.98	16.58	0.60	511	0.1	0.011
		- aphanitic to very fine grained, brick-red felsite fragments, brecciated, milky, siliceous matrix, some malachite stain along fractures, some chalcocite specks and blebs within siliceous stringers/veinlets/infill	E5205832	16.58	17.18	0.60	1120	0.2	0.019
		- 16.70- several chalcocite blebs within randomly oriented siliceous veiniong/matrix	E5205833	17.18	17.58	0.40	649	0.4	0.006
		- lower contact sharp @ 90 degrees to C.A.							
17.40	- 20.82	Bx Breccia							
		MAFIC BRECCIA (Minor Mineralization)	E5205834	17.58	18.18	0.60	1120	0.3	0.0005
		- quite strongly hematized, brecciated, MV fragments which are very fine to fine grained and grey, siliceous/calclitic matrix and vein breccia, minor rare malachite throughout	E5205835	18.18	18.78	0.60	994	0.2	0.001
		- 19.48- fault gouge	E5205836	18.78	19.38	0.60	922	0.1	0.0005
		- 20.82- 10cm qtz vein, brecciated, with large felsite clasts	E5205837	19.38	19.98	0.60	1200	0.2	0.071
		- lower contact sharp @68 degrees to C.A.	E5205838	19.98	20.58	0.60	497	1.8	0.006
			E5205839	20.58	21.08	0.50	888	0.1	0.006
20.82	- 28.34	2 Mafic Metavolcanic							
		MAFIC VOLCANIC	E5205840	22.40	23.00	0.60	403	0.1	0.0005
		- greenish grey, fine grained, massive, strongly epidotized, becoming coarser grained towards veining and contacts	E5205841	23.00	23.60	0.60	1530	0.4	0.007
		- 22.70- blebs and specks cpy for 10cm appearing along epidote lined veining almost parallel to C.A.	E5205842	28.00	28.60	0.60	887	0.1	0.008
		- 23.30- 7cm qtz veining @ 90 degrees banded with hematite and epidote veinlets, few fine sulphides, minor specularite along fractures							
		- unit coarser grained with coarser hematitic pheno's for approx. 25 cm downhole							
		=- lower contact sharp @ 70 degrees to C.A.							

Lithology						Cu	Ag	Au	
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
28.34	- 29.40	Bx Breccia BRECCIA (Kincaid Type) - as before @ 14.78- brecciated and epidote altered, local masses cpy and few mafic inclusions containing py - 28.90- qtz veining with minor chalcocite and possible bornite, tr malachite - lower cointact sharp @ 80 degrees to C.A.	E5205843	28.60	29.50	0.90	4670	3.9	0.01
29.40	- 32.87	2 Mafic Metavolcanic MAFIC VOLCANIC - as before- with less epidotization, unit less siliceous with frequent blebs hematite - lower contact sharp @ 20 degrees to C.A.	E5205844	29.50	30.10	0.60	69.9	0.1	0.0005
32.87	- 36.30	4 Felsic Intrusive FELSIC INTRUSIVE (Qtz-Feldspar Porphyry) - aphanitic to very fine grained, frequent to prolific 0.5 to 2 cm qtz eyes and feldspar pheno's, several qtz strin gers and veinlets at random orientation, to 1% diss py throughout unit, locally within fracture fill to 3% - lower contact sharp @ 60 degrees to C.A.							
36.30	- 39.22	4 Felsic Intrusive FELSIC INTRUSIVE - tan colored, aphanitic to very fine grained, massive, minor cpy within fractures, unit highly siliceous, minor foliation/fluidal? @ 40 to 60 Degrees to C.A., possible tourmaline/ within discontinuous qtz blebs - lower contact sharp @ 35 degrees to C.A.							

<i>Lithology</i>				<i>Cu</i>	<i>Ag</i>	<i>Au</i>			
<i>From</i>	<i>To</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Len.</i>	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>
39.22	- 40.40	2 Mafic Metavolcanic MAFIC VOLCANIC - as before @ 29.40, unit foliated @ 45 degrees for 15cm after upper contact - lower contact sharp @ 45 degrees							
40.40	- 40.87	4 Felsic Intrusive FELSIC INTRUSIVE - as before at 32.87, no visible sulphides - lower contact sharp @ 20 degrees							
40.87	- 42.11	2 Mafic Metavolcanic MAFIC VOLCANIC - as before- few qtz stringers with minor cpy -lower contact sharp @ 45 degrees	E5205845	41.30	41.90	0.60	1390	0.7	0.011
			E5205846	41.90	42.50	0.60	4810	4.2	0.043
42.11	- 43.20	4 Felsic Intrusive FELSIC INTRUSIVE - very fine grained, massive, few cpy blebs - 43.00- 4 cm qtz veinlet, few tan colored fragments, unit appears slightly auto-brecciated -lower contact sharp @ 25 degrees to C.A.	E5205847	42.50	43.10	0.60	1930	1.1	0.012
			E5205848	43.10	43.70	0.60	297	0.1	0.0005

Lithology				Cu	Ag	Au
From	To		Sample #	From	To	Len. ppm
43.20	- 44.84	<p>2 Mafic Metavolcanic MAFIC VOLCANIC</p> <p>- as before @ 42.87- slightly more siliceous, weak foliation @ 45 degrees</p> <p>- lower contact sharp @ 50 degrees to c.A.</p>				
44.84	- 51.80	<p>4 Felsic Intrusive FELSIC Intrusive</p> <p>- as before @ 42.11 but appears auto brecciated, host very fine to aphanitic, grey to tan colored, few cpy blebs within qtz veining, unit displays more qtz eyes down-hole- becoming more pinkish(feldspathic) towards lower contact</p> <p>- epidotized 6cm qtz vein on lower contact, sharp @ 30 degrees to C.A.</p>				
51.80	- 62.39	<p>4 Felsic Intrusive FELSIC INTRUSIVE (Qtz-Feldspar Porphyry)</p> <p>- as before at 48.40- frequent qtz eyes and feldspar pheno's, unit generally epidotitic green, few blebs py with qtz and marginal tourmaline?, unit appears pinkish and granitoid in places, with 10% mafic inclusions</p> <p>- unit gradational to less porphyritic, more massive to slightly brecciated appearance- gradational contact</p>				
62.39	- 66.24	<p>4 Felsic Intrusive FELSIC INTRUSIVE</p> <p>- very fine grained to aphanitic, locally slightly brecciated, quite strongly epidotized, tr sulphides, few random qtz eyes</p> <p>- lower contact sharp @ 65 degrees to c.A.</p>				

<i>Lithology</i>					<i>Cu</i>	<i>Ag</i>	<i>Au</i>
<i>From</i>	<i>To</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Len.</i>	<i>ppm</i>
66.24	- 69.19	4 Felsic Intrusive FELSIC INTRUSIVE (Qtz-Feldspar Porphyry) - as before @ 51.80-					



Drillhole Log

Units Meters

Superior Copper Corporation

Province/State		Co-ordinate System		Grid/Property		Hole Type	Length	Date Started
Ontario		UTM NAD83 Canada Zone 16				Exploration hole	50.90	2/25/2012
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed
Sault Ste. Marie		5214765	674935					2/26/2012
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged
Kincaid Breccia		339.00	235.30		-70.30	Superior Drilling		
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified
Coppercorp		3015689		Bruce Edgar		Brian Edgar		<input type="checkbox"/>
Zone/Prospect		Assessment Rpt. No.	Core Storage		Plug Depth	Makes Water	Capped	Environmental Inspection
			Coppercorp Site			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Core Size (1)			Casing Pulled	Casing (1)		Plugged	Pulsed	Geophysics Contractor
(2)			<input type="checkbox"/>	(2)		<input type="checkbox"/>	<input type="checkbox"/>	Date Pulsed
Purpose			Results			Comments		
Intersect mineralized breccia on surface			Intersected mineralized breccia			Updated by D. Tortosa March 19, 2012		

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
5.00			235.3		-70.3		<input checked="" type="checkbox"/>	Reflex EZ		
25.00			235.6		-69.2		<input checked="" type="checkbox"/>	Reflex EZ		
45.00			236.3		-69.1		<input checked="" type="checkbox"/>	Reflex EZ		

Lithology				Cu	Ag	Au
From	To		Sample #	From	To	Len. ppm
0.00	- 1.40	OVB Casing CASING/OVERBURDEN				
1.40	- 4.98	9 Mafic Dike MAFIC INTRUSIVE - very fine to fine grained, massive, dark grey, strongly magnetic, few siliceous fracture fills with tr py, - lower contact sharp in broken core				
4.98	- 6.58	6 Basalt BASALT (Amygdaloidal) - medium to coarser grained, reddish/brown- grey, hematized, massive, amygdaloidal filled with qtz/calcite/epidote/dark mafic (chlorite) and some hematized pheno's, amygdules more prevalent towards lower contact - lower contact in broken core				
6.58	- 8.13	9 Mafic Dike MAFIC INTRUSIVE - unit strongly hematized with more hematized pheno's in middle section of unit, strongly magnetic, massive, red-brown color, hematitic along fractures, fewer hematized pheno's towards lower contact - lower contact sharp @ 75 degrees to C.A.				

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
8.13	- 12.41	6 Basalt BASALT	E5205849	11.38	11.98	0.60	56.2	0.1	0.0005
		- fine grained, dark grey, locally epidotized, massive, some hematitic stain on fractures, unit locally weakly foliated 50 degrees, qtz/carb stringers and fracture fill containing minor py, unit more silicified towards lower contact, more epidotized, and presence of thicker qtz veinlets/infill	E5205851	11.98	12.58	0.60	88.2	0.1	0.0005
		- lower contact sharp @ 40 degrees to C.A.							
12.41	- 15.77	Bx Breccia BRECCIA (Kincaid Type)	E5205852	12.58	13.18	0.60	6010	1.5	0.013
		- unit brecciated, medium/coarse grained basalt fragments in milky, siliceous matrix, 2 to 3% py/cpy for 70 cm from upper contact, numerous veins/veinlets, fracture fill at random angles, some hematitic stringers	E5205853	13.18	13.78	0.60	3520	0.1	0.044
		- lower contact sharp @ 50 degrees to C.A.	E5205854	13.78	14.38	0.60	166	0.1	0.0005
			E5205855	14.38	14.98	0.60	459	0.1	0.0005
			E5205856	14.98	15.58	0.60	344	0.1	0.001
			E5205857	15.58	16.18	0.60	693	0.1	0.002
15.77	- 21.18	Bx Breccia - Felsite BRECCIA (FELSITE)	E5205858	16.18	16.78	0.60	988	0.6	0.076
		- breccia comprised of angular, brick-red, felsite fragments which are very fine grained to aphanitic, siliceous, milky qtz-rich matrix, few sulphides.- occasional minor malachite and some chalcocite specks at 16.58 and 19.30 m	E5205859	16.78	17.38	0.60	297	0.1	0.011
		- 20.98- 21.18- rusty weathered and hematitic fault gouge	E5205861	17.38	17.98	0.60	293	0.1	0.016
		- lower contact sharp @ 50 degrees to C.A.	E5205862	17.98	18.58	0.60	245	0.1	0.009
			E5205863	18.58	19.18	0.60	407	0.1	0.0005
			E5205864	19.18	19.78	0.60	1790	1.1	0.028
			E5205865	19.78	20.38	0.60	449	0.1	0.005
			E5205866	20.38	20.98	0.60	687	0.1	0.0005
			E5205867	20.98	21.58	0.60	1040	0.1	0.001

Lithology						Cu	Ag	Au	
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
21.18	- 34.45	2 Mafic Metavolcanic							
		MAFIC VOLCANIC	E5205868	21.58	22.18	0.60	585	0.1	0.004
		- fine grained, greenish-grey, generally massive, epidotized, few qtz stringers and veinlets and epidotitic fracture fill and linings, quite silicified	E5205869	22.18	22.78	0.60	48.7	0.1	0.003
			E5205873	23.38	23.98	0.60	1370	2.1	0.006
		- 25.42- 13cm broken qtz vein with fragments @ 60 degrees, specularite on upper contact and blebs cpy within vein	E5205871	25.12	25.72	0.60	1660	2.9	0.006
			E5205872	25.72	26.32	0.60	186	0.1	0.002
		- 25.84- 2cm qtz veinlet @ 70 degrees, minor cpy, laumontite? On upper contact, hematized lower contact	E5205874	33.81	34.41	0.60	120	0.1	0.002
			E5205875	34.41	35.01	0.60	170	0.1	0.002
		- 26.58- 3cm an @ 35 degrees and 10cm qtz vein @ 90 degrees with cpy on lower contact							
		- unit becomes increasingly silicified towards lower contact							
		- 34.11- broken 4cm qtz vein @ 55 degrees, hematized, some possible fine specularite?,							
		- 34.45- qtz vein @ 55 degrees, few chalcocite specks							
34.45	- 50.90	4 Felsic Intrusive							
		FELSIC INTRUSIVE (Qtz-Feldspar Porphyry)	E5205876	35.01	35.61	0.60	441	0.3	0.002
		- very fine grained to aphanitic, prominent coarse qtz eyes and feldspar pheno's up to 1cm, unit grey to tan colored, few qtz veinlets, some hematitic fracture lining, massive, tr sulphides							



Drillhole Log

Units Meters

Superior Copper Corporation

Province/State		Co-ordinate System		Grid/Property		Hole Type	Length	Date Started
Ontario		UTM NAD83 Canada Zone 16				Exploration hole	71.54	3/2/2012
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed
Sault Ste. Marie		5214920	674838					3/3/2012
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged
Kincaid Breccia		331.00	237.90		-60.60	Superior Drilling		
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified
Coppercorp		3015689		Bruce Edgar		Brian Edgar		<input type="checkbox"/>
Zone/Prospect		Assessment Rpt. No.	Core Storage		Plug Depth	Makes Water	Capped	Environmental Inspection
			Coppercorp site			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Core Size (1)			Casing Pulled	Casing (1)		Plugged	Pulsed	Geophysics Contractor
(2)			<input type="checkbox"/>	(2)		<input type="checkbox"/>	<input type="checkbox"/>	Date Pulsed
Purpose			Results			Comments		
Intersect mineralized breccia on surface			Intersected mineralized breccia			Updated by D. Tortosa March 19, 2012		

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
5.00			237.9		-60.6		<input checked="" type="checkbox"/>	Reflex EZ		
40.00			238.3		-60.4		<input checked="" type="checkbox"/>	Reflex EZ		
65.00			239.9		-60.5		<input checked="" type="checkbox"/>	Reflex EZ		

<i>Lithology</i>				<i>Cu</i>	<i>Ag</i>	<i>Au</i>
<i>From</i>	<i>To</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Len. ppm</i>
0.00	- 1.90	OVB Casing CASING/OVERBURDEN				

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
1.90	- 39.91	6b Vesicular/Amygdaloidal Basalt							
		BASALT (Amygdaloidal)	E5205877	14.90	15.20	0.30	337	0.1	0.004
		- initially medium/dark grey, rapidly becoming hematitic red/brown, fine/medium grained matrix with prolific fine/med black (chloritic?) pheno's, frequent calcite/epidote filled amygdules, massive, very fractured, broken and blocky core	E5205878	17.70	18.30	0.60	182	0.1	0.002
			E5205879	25.50	25.80	0.30	17.9	0.1	0.0005
		- 4.0m- fine, prolific hematized pheno's	E5205881	26.80	27.40	0.60	154	0.1	0.008
			E5205882	28.00	28.70	0.70	215	0.1	0.001
		- after 6.0- unit decreases in hematitic(red/brown) content and increasingly epidotitic	E5205883	31.50	32.10	0.60	11600	2.2	0.1
			E5205884	32.10	32.90	0.80	333	0.1	0.0005
		- 5.5- 7.0- prolific epidote/lesser calcite filled amygdules	E5205885	38.70	39.30	0.60	74.2	0.1	0.0005
			E5205886	39.30	39.90	0.60	492	0.1	0.0005
		- after 7.0- frequent to prolific dark, black, chlorite? Amygdules, some calcite and chlorite rims	E5205887	39.90	40.50	0.60	23500	8.1	0.069
		- after 11.5- amygdules dissipating, unit is medium grained, epidotitic green/grey, spotted with white and epidote green pheno's and dark, black, chloritic pheno's, remains massive with occasional fine calcite and epidote fracture linings, unit has appearance of a medium/coarse grained flow							
		- 15.08- 4cm qtz/calcite/epidote/hematite veinlet @ 30 degrees							
		- 17.74- 18.29- 5 calcite/hematite stringers to 2cm @ 40 degrees							
		- unit becomes more red/brown in color, occasional hematitic lined fractures, remains massive, fine/med grained, generally dark, slightly red/brown-green color							
		- 26.62- 7cm qtz/calcite/hematite veinlet @ 65 degrees							
		- 26.86- 27.30- 5% qtz/calcite/hematite veinlets at random angles to C.A. up to 70 degrees							
		- 28.08- 28.62- 3 to 5% qtz/calcite veinlets @ 50 to 70 degrees to C.A.							
		- after 28.60- unit becomes strongly epidotitic, fine qtz filled amygdules							
		- 31.50- 4cm calcite/hematite veinlet @ 70 degrees, followed by siliceous/calcite veining over 6cm							
		- 2 to 3% siliceous/calcite stringers to 32.82							
		- after 32.82- unit fine grained, more hematite red/brown							
		- 35.29- 36.60- deep hematite red/brown, fine grained section with frequent qtz/calcite and dark chloritic amygdules							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
		- after 36.60- unit is epidotitic, medium grained, prolific dark chloritic pheno's, frequent calcite amygdules and chlorite amygdules, occasional to frequent calcite and epidote fracture lining							
39.91	- 44.60	Bx Breccia							
		- 39.91- 44.60- section features intermittent milky, siliceous matrix with silicified basalt fragments interspersed with silicified basalt sections and calcite/hematite fracture fill	E5205888	40.50	41.10	0.60	2060	0.1	0.009
			E5205889	41.10	41.70	0.60	6760	1.4	0.018
		- 39.91- 40.07- specks and patches chalcocite in milky siliceous matrix	E5205890	41.70	42.30	0.60	16000	1.8	0.044
			E5205891	42.30	42.90	0.60	24400	4.8	0.054
		- 41.97- 42.39- intermittent milky, siliceous matrix with specks, masses and patches of chalcopyrite	E5205892	42.90	43.50	0.60	16900	2.4	0.087
			E5205893	43.50	44.10	0.60	5080	0.1	0.01
		- 44.15- 44.60- as above-	E5205894	44.10	44.70	0.60	20900	4.3	0.027
		- lower contact sharp, 85 degrees to C.A.							
44.60	- 45.46	9 Mafic Dike							
		MAFIC INTRUSIVE	E5205895	44.70	45.30	0.60	294	0.1	0.0005
			E5205896	45.30	45.90	0.60	3190	0.1	0.002
		- fine grained, dark green/grey, massive, quite strongly magnetic, fine disseminated py, hematitic fracture lining							
		- lower contact sharp @ 85 degrees to C.A.							
45.46	- 45.82	Bx Breccia							
		BRECCIA (Kincaid type)							
		- milky, siliceous matrix with angular mafic fragments, hematitic lining, patches chalcopyrite, mafic fragments silicified							
		- lower contact sharp @ 75 degrees to C.A.							

Lithology						Cu	Ag	Au	
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
45.82	- 46.20	9 Mafic Dike MAFIC INTRUSIVE - as before- lower contact sharp @ 70 degrees	E5205897	45.90	46.50	0.60	197	0.1	0.001
46.20	- 46.60	6b Vesicular/Amygdaloidal Basalt BASALT - fine grained, hematitic red/brown, massive, frequent calcite amygdules, lower contact in broken core	E5205898	46.50	47.10	0.60	214	0.1	0.008
46.60	- 47.80	9 Mafic Dike MAFIC INTRUSIVE - as before- lower contact sharp @ 80 degrees	E5205899	47.10	47.70	0.60	740	0.1	0.001
			E5205901	47.70	48.30	0.60	427	0.1	0.0005
47.80	- 50.01	VBx Vein Breccia BRECCIA- VEIN BRECCIA - strongly hematized mafic fragments in a siliceous/calcite matrix, brecciated mafic fragments and brecciated veining in places, hematitic lining, minor malachite locally, some non-hematized mafic fragments towards end of section, veining accounts for 50% of section - lower contact sharp on slickenslide and broken core fragments, approximately 85 degrees to C.A.	E5205902	48.30	48.90	0.60	1130	0.1	0.0005
			E5205903	48.90	49.50	0.60	465	0.1	0.007
			E5205904	49.50	50.10	0.60	544	0.1	0.002
50.01	- 53.00	2 Mafic Metavolcanic MAFIC VOLCANIC - dark, chloritic green/grey, very fine to fine grained, massive, silicified, blocky fractures and abundant siliceous infill and blebs, some siliceous/calcite fractures with hematite lining, a fine, narrow dikelet of Felsic Intrusive - lower contact sharp, irregular	E5205905	50.10	50.70	0.60	89.2	0.1	0.002
			E5205906	50.70	51.30	0.60	267	0.1	0.007
			E5205907	51.30	51.90	0.60	1110	0.1	0.03
			E5205908	51.90	52.50	0.60	295	0.1	0.003
			E5205909	52.50	53.10	0.60	135	0.1	0.01

Lithology					Cu	Ag	Au
From	To		Sample #	From	To	Len.	ppm
53.00	- 56.15	4 Felsic Intrusive FELSIC INTRUSIVE - very fine grained to aphanitic, siliceous, massive to locally fluidal, slightly flesh/pink colored grey, blocky fracture pattern with siliceous infill - lower contact sharp @ 20 to 25 degrees to C.A.					
56.15	- 58.88	2 Mafic Metavolcanic MAFIC VOLCANIC - dark chloritic green/grey, very fine grained, hard, silicified, blocky fractures with siliceous/epidote infill, slightly epidotitic throughout, occasional hematite fracture lining, few narrow intercallations of Felsic Intrusive - lower contact sharp @ 20 degrees to C.A.					
58.88	- 61.26	4 Felsic Intrusive FELSIC INTRUSIVE - as before- but prolific fine feldspar pheno's altered to epidote green - lower contact sharp @ 25 degrees to C.A.					
61.26	- 66.14	2 Mafic Metavolcanic MAFIC VOLCANIC - as before- extremely hard and silicified, weak foliation/common fracture direction @ 45 degrees, abundant fractures with siliceous/carbonate infill, few narrow intercallations of dark, slightly tan-grey Felsic Intrusive dikelets, commonly 40 to 45 degrees - lower contact sharp @ 70 degrees to C.A.					

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
66.14	- 67.36	2 Mafic Metavolcanic MAFIC VOLCANIC (Chloritic Clot variety) - dark chloritic green-grey, very fine grained matrix with coarser, prolific dark ,chloritic "clots", highyl silicified - 66.60- 7cm cherty dikelet @ 65 degrees - 66.64- 66.84- vein breccia with contacts on slip/slickenslide faces @ 60 degrees to C.A., some malachite on slip faces - lower contact sharp @ 35 to 40 degrees to C.A.	E5205911	66.64	66.94	0.30	24.5	0.1	0.001
67.36	- 67.93	4 Felsic Intrusive FELSIC INTRUSIVE - very fine grained, slightly tan-grey, massive, siliceous, hard - lower contact sharp @55 degrees							
67.93	- 69.90	2 Mafic Metavolcanic MAFIC VOLCANIC - chloritic "clot" variety as before, lower contact sharp @ 10 to 15 degrees to C.A.							
69.90	- 71.54	4 Felsic Intrusive FELSIC INTRUSIVE - flesh colored, as before- aphanitic with fine, frequent qtz eyes and feldspar pheno's, hard, blocky fractrures, siliceous and epidote fracture lining, tr. to <1% fine diss py EOH							



Drillhole Log

Units Meters

Superior Copper Corporation

Province/State		Co-ordinate System		Grid/Property		Hole Type	Length	Date Started
Ontario		UTM NAD83 Canada Zone 16				Exploration hole	66.43	3/4/2012
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed
Sault Ste. Marie		5214920	674838					3/6/2012
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged
Kincaid Breccia		331.00	242.40		-79.50	Superior Drilling		
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified
Coppercorp		3015689		Bruce Edgar		Bruce Edgar		<input type="checkbox"/>
Zone/Prospect		Assessment Rpt. No.	Core Storage		Plug Depth	Makes Water	Capped	Environmental Inspection
			Coppercorp site			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Core Size (1)			Casing Pulled	Casing (1)		Plugged	Pulsed	Geophysics Contractor
(2)			<input type="checkbox"/>	(2)		<input type="checkbox"/>	<input type="checkbox"/>	Date Pulsed
Purpose			Results			Comments		
Intersect mineralized breccia on surface			Intersected mineralized breccia			Updated by D. Tortosa March 19, 2012		

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
3.00			242.4		-79.5		<input checked="" type="checkbox"/>	Reflex EZ		
32.00			242		-78.1		<input checked="" type="checkbox"/>	Reflex EZ		
65.00			241.6		-76.9		<input checked="" type="checkbox"/>	Reflex EZ		

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
0.00	-	1.84							
		OVB Casing CASING/OVERBURDEN							
1.84	-	45.60							
		6 Basalt BASALT	E5205912	12.90	13.30	0.40	398	0.1	0.001
		- hematitic red/brown, massive, prolific epidote/lesser qtz/calcite/chlorite filled amygdules, blocky, broken core initially, frequent epidote fracture lining, prolific fine to medium dark, black, chloritic pheno's							
		- after 6.0- amygdules begin to dissipate, hematitic red/brown color dissipates, unit becomes more epidotitic green, calcite/epidote fracture linings							
		- 13.13- 2cm qtz/calcite/epidote/hematite veinlet @ 25 degrees							
		- unit overall "dirty" grey color, composed of fine/medium grained white, epidotitic green, hematitic red/brown and black chloritic pheno's, massive, occasional to more frequent calcite and hematite fracture fill							
		- after 16.40- gradual shift to hematitic red/brown color							
		- after 20.60- gradual shift to more epidote green color, epidote fracture fill							
		- 22.30- fault gouge @ 45 degrees to C.A.							
		- after 22.30- amygdaloidal basalt with finer matrix and strong hematite red color, amygdules dissappear after 24.70, reappear after 26.20-							
		- after 26.20- hematitic red/brown, some coarse calcite amygdules to 3-4cm, intermittent areas of coarse dark chloritic amygdules,,calcite stringers and nfracture fill commonly @ 10 to 20 degrees to C.A.							
		- unit continues generally fine/medium grained, prolific dark chloritic pheno's, ranges from slightly hematitic red/brown to darker grey and slightly epidotitic green, occasional sections of frequent amygdules, probably represents gardational changes/various narrow flows, occasional to more frequent calcite fracture fill							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
45.60	- 49.72	6 Basalt - FractureZone							
		- after 44.0- general increase in ca- carbonitization	E5205913	47.40	48.00	0.60	310	0.1	0.0005
		- after 46.20- increasing siliceous/calcite fracture fill	E5205914	48.00	48.60	0.60	524	0.1	0.002
		- 48.21- 48.91- 30% siliceous/calcite/lesser hematite veining @ 20 to 40 degrees to C.A.	E5205915	48.60	49.20	0.60	432	0.1	0.043
		- unit has auto-brecciated appearance, prolific fine calcite/hematite fracture fill	E5205916	49.20	49.80	0.60	2320	0.1	0.011
		- lower contact sharp, irregular, well fractured with calcite/hematite infill							
49.72	- 52.83	9 Mafic Dike							
		MAFIC INTRUSIVE	E5205917	49.80	50.40	0.60	1070	0.1	0.008
		- generally very fine to fine grained, dark grey/black with a slightly reddish tinge, massive, gard, blocky fractures, quite strongly magnetic, one narrow section with fine/medium amygdules appears to be an intercallation of basalt	E5205918	50.40	51.00	0.60	881	0.1	0.0005
			E5205919	51.00	51.60	0.60	199	0.1	0.0005
			E5205920	51.60	52.20	0.60	244	0.1	0.0005
		- lower contact sharp on fault gouge/slickenslide @ 60 degrees to C.A.	E5205921	52.20	52.83	0.63	875	0.1	0.0005
52.83	- 54.72	Bx Breccia							
		BRECCIA/FRACTURE ZONE	E5205922	52.83	53.40	0.57	331	0.1	0.0005
		- fractured and brecciated mafic fragments in a siliceous/calcite/hematite matrix, some sections appear auto-brecciated and others complete vein breccia, trace milky malachite?	E5205923	53.40	54.00	0.60	1490	0.1	0.0005
			E5205924	54.00	54.80	0.80	547	0.1	0.014
		- lower contact sharp @ 20 degrees yo C.A.							
54.72	- 57.80	9 Mafic Dike							
		MAFIC INTRUSIVE	E5205925	54.80	55.40	0.60	523	0.1	0.0005
		- as before- auto-brecciated appearance with calcite/lesser hematite fracture fill, generally magnetic and quite strongly magnetic centrally, lower contact area displays chilled margin and heavy fracturing	E5205926	55.40	56.00	0.60	237	0.1	0.005
			E5205927	56.00	56.60	0.60	527	0.1	0.004
			E5205928	56.60	57.20	0.60	656	0.1	0.027
		- lower contact irregular	E5205929	57.20	57.80	0.60	893	0.1	0.006

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
57.80	- 59.30	Bx Breccia BRECCIA (Kincaid Type) - Felsic Intrusive fragments (felsite?), and milky, siliceous matrix with minor hematite, some sections auto-brecciated with other areas complete brecciation - lower contact in broken core	E5205931	57.80	58.40	0.60	87.5	0.1	0.008
			E5205932	58.40	59.00	0.60	23.9	6.1	0.0005
			E5205933	59.00	59.60	0.60	36.9	0.1	0.003
59.30	- 62.86	2 Mafic Metavolcanic MAFIC VOLCANIC - initially very fine to fine grained, dark grey, silicified, hard, blocky fractures, massive, becoming more fine to medium grained down-hole, darker green/grey, frequent calcite/hematite fracture fill - lower contact sharp @ 35 degrees to C.A.	E5205934	59.60	60.20	0.60	34.4	0.1	0.0005
			E5205935	60.20	60.80	0.60	38.9	0.1	0.0005
62.86	- 64.98	4 Felsic Intrusive FELSIC INTRUSIVE - aphanotic to very fine grained, flesh/tan color, massive, hard, blocky fractured with siliceous infill, minor mafic inclusions and few intermittent indistinct feldspar pheno's - lower contact sharp @ 55 degrees to C.A.							
64.98	- 66.43	2 Mafic Metavolcanic MAFIC VOLCANIC - dark chloritic green/grey, fine grained, massive, blocky fractures, calcite infill, weak to moderate ca- carbonitization EOH							



Drillhole Log

Units Meters

Superior Copper Corporation

Province/State		Co-ordinate System		Grid/Property		Hole Type	Length	Date Started
Ontario		UTM NAD83 Canada Zone 16				Exploration hole	53.95	3/7/2012
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed
Sault Ste. Marie		5214996	674782					3/9/2012
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged
Kincaid Breccia		336.00	238.60		-69.30	Superior Drilling		
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified
Coppercorp		3015689		Bruce Edgar		Bruce Edgar		<input type="checkbox"/>
Zone/Prospect		Assessment Rpt. No.	Core Storage		Plug Depth	Makes Water	Capped	Environmental Inspection
			Coppercorp site			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Core Size (1)			Casing Pulled	Casing (1)		Plugged	Pulsed	Geophysics Contractor
(2)			<input type="checkbox"/>	(2)		<input type="checkbox"/>	<input type="checkbox"/>	Date Pulsed
Purpose			Results			Comments		
Intersect mineralized breccia on surface			Intersected mineralized breccia			Updated by D. Tortosa March 19, 2012		

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
5.00			238.6		-69.3		<input checked="" type="checkbox"/>	Reflex EZ		
29.00			238.1		-69.1		<input checked="" type="checkbox"/>	Reflex EZ		
50.00			237.5		-68.4		<input checked="" type="checkbox"/>	Reflex EZ		

<i>Lithology</i>				<i>Cu</i>	<i>Ag</i>	<i>Au</i>			
<i>From</i>	<i>To</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Len.</i>	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>
0.00	-	4.13							
		OVB Casing							
		CASING/OVERBURDEN							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
4.13	- 26.08	6 Basalt							
		BASALT	E5205936	9.20	10.10	0.90	82.7	0.1	0.003
		- features numerous flows with generally gradational contacts,- initially "dirty" chloritic gree/grey, fine/medium grained, massive, few amygdules, prolific hematitic and chloritic pheno's, occasional to more frequent carb fracture fill, locally mild magnetism, few dark, chloritic fracture fills	E5205937	15.20	16.00	0.80	206	0.1	0.003
		- becoming increasingly darker hematitic red/brown color	E5205938	16.00	16.60	0.60	593	0.1	0.003
		- 9.20- 10.01- five calcite/qtz/hematite stringers/veinlets @ 40 degrees	E5205939	16.60	17.70	1.10	28.9	0.1	0.002
		- 10.10- 12.35- separate flow, hemattic red/brown, fine grained matrix with coarser prolific qtz/calcite amygdules and coarse dark, black, chlorite pheno's, frequent hairline calcite fracture fill	E5205941	18.80	19.60	0.80	413	0.1	0.024
		- after 12.35- separate flow as at 4.13m- becoming quite epidotized	E5205942	21.40	22.00	0.60	783	0.1	0.01
		- after 14.00- gradational contact to hematitic red/brown flow as at 10.10- prolific qtz/calcite/chlorite amygdules, prolific fine hairline calcite fracture fill commonly @ 35 to 40 degrees	E5205943	22.00	23.00	1.00	358	0.1	0.019
		- after 15.33- flow conatct gradational to fine/medium grained hematite and chlorite pheno's as at 12.35m, intermittent calcite veinlets/fracture fill at 35 degrees to C.A.	E5205944	23.00	23.60	0.60	539	0.1	0.018
		- 16.69- 17.66- 1cm calcite/ lesser hematite stringers @ 5 to 10 degrees to C.A.	E5205945	23.60	24.20	0.60	95.7	0.1	0.031
		- after 16.60- gradational; to hematitic red/brown unit as before @ 14.00m	E5205946	24.20	24.80	0.60	1150	0.1	0.033
		- 18.80- 19.60- 5 to 10% qtz/calcite stringers, minor hematite @ 45 degrees to C.A., few fine metallic specks (chalcocite?)	E5205947	24.80	25.40	0.60	942	0.1	0.028
		- after 19.33- flow contact 45 degrees, fine grained flow, eoidotitic with coarser dark black chloritic pheno's	E5205948	25.40	26.00	0.60	2080	0.3	0.009
		- after 21.02- gradational to fine grained matrix amygdular basalt with prolific qtz/calcite and dark black chloritic amygdules, fine epidotized feldspars	E5205949	26.00	26.60	0.60	7620	5.1	0.159
		- 21.42- 21.60- 10% milky,siliceous/calcite veinlets @ 45 degrees with minor py							
		- after 24.20calcite/qtz amygdules dissipate, coarse dark black chloritic amygdules and pheno's continue, unit moderately epidotized, silicified towards lower contact, sharp @ 45 degrees							

Lithology						Cu	Ag	Au	
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
26.08	- 27.25	Bx Breccia BRECCIA (Kincaid Type) - calcite veining with fragments initially to 26.32, then milky, siliceous matrix with both felsic and angular mafic fragments, some hematitic infill and hematite fragments, few patches malachite, fine specks and lineations chalcocite intermittently throughout - lower contact sharp at 65 degrees to C.A.	E5205950	26.60	27.25	0.65	17400	12.7	0.029
27.25	- 30.50	9 Mafic Dike MAFIC INTRUSIVE - initially cherty, silicified, becoming more fine grained, generally dark grey, massive, blocky fractures, locally quite strongly magnetic, some coarser pheno's (few amygdules) locally, abundance of hematitic fracture lining, some calcite - lower contact area brecciated, calcite/hematite infill, irregular	E5205951	27.25	28.00	0.75	5710	2.9	0.023
			E5205952	28.00	29.00	1.00	496	0.1	0.002
			E5205953	29.00	30.00	1.00	1260	0.1	0.013
			E5205954	30.00	30.50	0.50	324	0.1	0.007
30.50	- 36.49	Bx Breccia BRECCIA (Kincaid Type) - initial 1.10 m siliceous/calcite, milky veining, then abundant angular fragments basalt, MV and possibly some Felsite,- matrix is milky, siliceous and also brick-red hematitic/siliceous, some epidotized fragments, some areas of brick-red siliceous matrix appear to be Felsite, but are actually thicker areas of matrix,- few narrow, relatively undisturbed sections (or coarser fragments?), matrix vuggy in places, tr very fine py - lower contact sharp @ 70 degrees to C.A.	E5205955	30.50	31.10	0.60	107	0.1	0.0005
			E5205956	31.10	31.70	0.60	817	0.1	0.0005
			E5205957	31.70	32.30	0.60	1250	0.1	0.007
			E5205958	32.30	32.90	0.60	1120	0.3	0.001
			E5205959	32.90	33.50	0.60	525	0.1	0.006
			E5205961	33.50	34.10	0.60	704	0.1	0.04
			E5205962	34.10	34.70	0.60	387	0.1	0.0005
			E5205963	34.70	35.30	0.60	1620	0.4	0.016
			E5205964	35.30	35.90	0.60	293	0.1	0.002
			E5205965	35.90	36.50	0.60	317	0.1	0.004

Lithology				Cu	Ag	Au				
From	To		Sample #	From	To	Len.	ppm	ppm	ppm	
36.49	-	42.06	4 Felsic Intrusive FELSIC INTRUSIVE	E5205966	36.50	37.10	0.60	1230	0.1	0.006
			- pinkish and light epidotitic green-grey, mottled appearance of feldspathic and epidotitic pheno's gives coarser grained appearance, but actually very fine grained, siliceous, - almost granitoid coloration, mottled ,hard, siliceous, few random qtz eyes, interstitial mafic inclusions, fractured, fine epidotitic lining, occasional irregular white qtz veinlets and blebs	E5205967	37.10	37.70	0.60	648	0.1	0.005
			- lower contact sharp @ 15 degrees	E5205968	37.70	38.30	0.60	506	0.1	0.005
				E5205969	38.30	39.00	0.70	181	0.1	0.0005
42.06	-	46.05	2 Mafic Metavolcanic MAFIC VOLCANIC/ Altered Basalt?	E5205970	43.00	44.00	1.00	256	0.1	0.005
			- unit is initially soft, altered, mottled dark grey with epidotitic mottling which mimics Felsic intrusive above, massive	E5205971	44.00	44.80	0.80	128	0.1	0.0005
			- 43.03- 43.24- milky, siliceous matrix with dark red/brown hematized fragments/breccia							
			- 43.39- 44.80- qtz/calcite irregular veining along core with brecciated fragments host rock/fault gouge, 15 degrees to C.A.							
			- towards lower contact unit is silicified, hard, retains epidotitic mottling and epidotized feldspars							
			- lower contact sharp @ 25 degrees to C.A.							
46.05	-	48.03	4 Felsic Intrusive FELSIC INTRUSIVE							
			- cherty, chilled margins, aphanitic with prolific, fine feldspar and lesser qtz pheno's, generally tan-grey to flesh colored, minor mafic inclusions, hard, siliceous, blocky fractures							
			- lower contact sharp @ 35 degrees to C.A/							

<i>Lithology</i>					<i>Cu</i>	<i>Ag</i>	<i>Au</i>
<i>From</i>	<i>To</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Len.</i>	<i>ppm</i>
48.03	- 53.48	2 Mafic Metavolcanic MAFIC VOLCANIC - generally fine grained, hematitic/epidotitic and chloritized pheno's, dark chloritic green with epidote tinge, fine epidotized feldspars, unit is hard, siliceous, weak foliation/common fracture direction 50 degrees to C.A., tr to <1% fine disseminated py, prolific fine epidote fracture lining - lower contact sharp @ 45 degrees					
53.48	- 53.95	4 Felsic Intrusive FELSIC INTRUSIVE -as before- but prolific feldspar, lesser qtz phenocrysts EOH					



Drillhole Log

Units Meters

Superior Copper Corporation

Province/State		Co-ordinate System		Grid/Property		Hole Type	Length	Date Started
Ontario		UTM NAD83 Canada Zone 16				Exploration hole	72.23	3/10/2012
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed
Sault Ste. Marie		5215020	674822					3/13/2012
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged
Kincaid Breccia		338.00	240.70		-45.40	Superior Drilling		
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified
Coppercorp		3015689		Brian Edgar		Brian Edgar		<input type="checkbox"/>
Zone/Prospect		Assessment Rpt. No.	Core Storage		Plug Depth	Makes Water	Capped	Environmental Inspection
			Coppercorp Site			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Core Size (1)			Casing Pulled	Casing (1)		Plugged	Pulsed	Geophysics Contractor
(2)			<input type="checkbox"/>	(2)		<input type="checkbox"/>	<input type="checkbox"/>	Date Pulsed
Purpose			Results			Comments		
Intersect mineralized breccia on surface			Intersected mineralized breccia			Updated by D. Tortosa March 19, 2012		

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
5.00			240.7		-45.4		<input checked="" type="checkbox"/>	Reflex EZ		
33.00			240.5		-44.3		<input checked="" type="checkbox"/>	Reflex EZ		
72.00			241.1		-43.4		<input checked="" type="checkbox"/>	Reflex EZ		

Lithology						Cu	Ag	Au	
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
0.00	- 5.18	OVB Casing CASING/OVERBURDEN							
5.18	- 56.82	6 Basalt BASALT	E5205972	28.06	28.66	0.60	83.8	0.1	0.002
		- massive amygdular basalt, generally medium grained, greenish-grey color, locally strongly epidotized with somem hematization down-hole, amygdules predominantly calcite filled, some qtz and epidote, unit faorly magnetic	E5205973	33.86	34.46	0.60	2620	0.1	0.007
		- after 21.12- epidote amygdules dissipate, calcite and fine, dark black chloritic amygdules remain. Calcite/qtz veinlets and fracture fill more prevalent unit more silicified and hematized down-hole, rock reddish grey, weak to no magnetism	E5205974	35.64	36.50	0.86	329	0.1	0.006
		- 28.36- qtz veinlet @ 50 degrees with malachite throughout, hematized with felsite fragments	E5205975	40.06	40.66	0.60	307	0.1	0.0005
		- 34.16- qtz/calcite veinlet @ 60 degrees, minor epidote and tr malachite?, specks and blebs chalcocite and chalcopyrite, also bright lustre silvery, metallic mineral?	E5205976	40.66	41.16	0.50	120	0.1	0.021
		- 35.86- 36.11- Felsite Vein Breccia, calcite/qtz vein @ 65 degrees	E5205977	41.16	42.06	0.90	115	0.1	0.005
		- 36.11- 36.35- Mafic breccia, cemented by qtz veining supporting mafic clasts, slightly hematized, approx 90 degrees top C.A.,	E5205978	45.55	46.15	0.60	3210	0.9	0.002
		- 40.36- 41.96- secondary basalt flow? Margins slightly banded qtz/calcite/hematite veinlets., 65 degrees upper, 55 degrees lower contacts unit epidotized basalt, to 1% diss cubic py and stockwork calcite fracture fill	E5205979	49.97	50.57	0.60	3010	0.9	0.008
		- 43.50- some specularite along slip face	E5205981	56.69	57.29	0.60	2480	0.5	0.017
		- 45.80- qtz/calcite vein @ 35 degrees to C.A. 5cm, some malachite							
		- 50.27- 4cm qtz/calcite vein 65 degrees, chalcocite specks							
		- unit coarser towards lower contact, sharp 70 degrees to C.A.							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
56.82	- 56.99	VBx Vein Breccia - Mineralized MINERALIZED VEIN BRECCIA - milky, siliceous matrix, unit displays polymictic content with MV, basalt and some felsite fragments, possible chalcocite specks along veinlet, also orange mineralization unknown?, unit brecciated with qtz - lower contact sharp @ 65 degrees							
56.99	- 57.86	9 Mafic Dike MAFIC INTRUSIVE - fine to very fine grained, dark grey/reddish, strongly hematized, foliated 60 degrees to C.A.?, weak to no magnetism, upper and lower contacts have qtz/calcite/hematite banded margins	E5205982	57.29	57.89	0.60	2340	0.3	0.001
57.86	- 59.84	6 Basalt BASALT - amygdular, as before- medium to coarse grained, abundant calcite fracture fill @ 65 degrees, brecciated appearance towards 58.50 m - 58.50- 12cm strongly hematized qtz/calcite veining with minor Felsite, disseminated chalcocite to 1%, contacts 45 degrees - lower contact sharp @ 70 Degrees	E5205983	57.89	58.49	0.60	12200	2.1	0.008
			E5205984	58.49	59.09	0.60	12400	2.3	0.005
			E5205985	59.09	59.69	0.60	7000	1.3	0.011
			E5205986	59.69	60.29	0.60	7160	1.3	0.01
59.84	- 62.39	2 Mafic Metavolcanic MAFIC VOLCANIC - fine grained, greenish-grey, massive, with few qtz/calcite veinlets, upper contact brecciated for 20cm, one bleb malachite - 6cm pink qtz vein on lower contact with fault gouge, 90 degrees to C.a.	E5205987	62.09	62.69	0.60	2770	0.1	0.013

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppm
62.39	- 66.84	Bx Breccia - Felsite FELSITE BRECCIA	E5205988	62.69	63.29	0.60	1930	0.1	0.004
		- brecciated predominantly Felsite fragments in siliceous,qtz matrix, felsite fragments deep brick red, v. f. grained to aphanitic, siliceous	E5205989	63.29	63.89	0.60	3820	1.5	0.028
		- 62.70- possible shear/fault zone, core is pulverized/muddy, 55 degree upper contact, lower irregular	E5205990	63.89	64.49	0.60	637	0.1	0.002
		- lower contact sharp 80 degrees	E5205991	64.49	65.09	0.60	665	0.1	0.007
			E5205992	65.09	65.69	0.60	700	0.1	0.003
			E5205993	65.69	66.29	0.60	505	0.1	0.0005
			E5205994	66.29	66.89	0.60	908	0.1	0.031
66.84	- 68.79	2 Mafic Metavolcanic MAFIC VOLCANIC	E5205996	66.89	67.49	0.60	613	0.1	0.0005
		- vf to f grained, grey, massive, siliceous, epidote altered blotches throughout, epidote veining and fracture fill	E5205997	67.49	68.09	0.60	195	0.1	0.0005
		- 67.84- 20cm qtz vein upper contact 30 degrees, lower contact 90 degrees on fault gouge	E5205998	68.09	68.69	0.60	719	0.7	0.006
		- lower contact sharp @ 70 degrees							
68.79	- 69.09	4 Felsic Intrusive FELSIC INTRUSIVE							
		- tan/brown color, vf to aphanitic, few black colored fracture fills, some epidote							
		- lower contact sharp @ 90 degrees							
69.09	- 69.53	2 Mafic Metavolcanic MAFIC VOLCANIC							
		- as above- more siliceous with 2cm hematized veinlet @ 69.29m, 45 degrees to C.A.							
		- lower contact sharp @ 20 degrees							

<i>Lithology</i>					<i>Cu</i>	<i>Ag</i>	<i>Au</i>
<i>From</i>	<i>To</i>		<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Len.</i>	<i>ppm</i>
69.53	- 69.83	4 Felsic Intrusive FELSIC INTRUSIVE - as before- tan color, pinkish hue, some hematite along fractures, some qtz veinlets -lower contact on epidote/hematized veinlet @ 20 degrees					
69.83	- 72.23	2 Mafic Metavolcanic MAFIC VOLCANIC - as before- few hematized qtz veins parallel to C.A., one speck chalcocite visible?unit continues siliceous, greyish to locally reddish with calcitq/qtz fracture fill to EOH -EOH					

APPENDIX IV

Assay Certificates



CLIENT NAME: CENIT CORPORATION
SUITE 2810-130 KING ST W, PO BOX 182
TORONTO, ON M5X1A6

ATTENTION TO: DELIO TORTOSA

PROJECT NO:

AGAT WORK ORDER: 11U557534

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Jan 23, 2012

PAGES (INCLUDING COVER): 10

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

*NOTES

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



Certificate of Analysis

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PROJECT NO:

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

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Dec 08, 2011	DATE RECEIVED: Dec 08, 2011			DATE REPORTED: Jan 23, 2012			SAMPLE TYPE: Rock							
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5205674	<0.2	3.18	7	<5	4	<0.5	<1	4.63	<0.5	8	25.6	325	310	4.60
E5205675	<0.2	3.64	9	<5	8	<0.5	<1	7.04	<0.5	9	22.8	549	448	5.73
E5205676	3.1	3.73	9	<5	6	<0.5	<1	8.13	<0.5	5	17.4	760	5540	6.02
E5205677	<0.2	3.67	9	<5	3	<0.5	<1	9.68	<0.5	10	22.8	789	967	6.63
E5205678	0.3	3.75	9	<5	5	0.5	<1	8.81	<0.5	10	25.3	759	1200	6.87
E5205679	2.6	2.23	8	<5	6	<0.5	<1	5.12	<0.5	2	13.9	384	6960	4.08
E5205680	4.7	3.63	10	<5	17	<0.5	<1	5.87	<0.5	<1	21.0	431	>10000	6.41
E5205681	0.4	4.24	10	<5	17	0.6	<1	6.15	<0.5	13	28.8	461	964	6.78
E5205682	<0.2	4.33	7	<5	11	<0.5	<1	7.42	<0.5	13	26.1	497	415	7.17
E5205683	2.0	4.29	13	<5	21	<0.5	<1	3.09	<0.5	<1	22.2	562	>10000	8.74
E5205684	10.9	1.73	21	<5	6	<0.5	<1	1.62	<0.5	<1	16.3	407	>10000	5.06
E5205685	1.1	3.46	24	<5	41	0.6	<1	3.06	<0.5	66	25.1	32.9	1180	8.43
E5205686	2.3	2.69	8	<5	49	<0.5	<1	2.19	<0.5	67	16.9	76.2	2770	8.32
E5205687	<0.2	2.73	6	<5	80	<0.5	<1	2.73	<0.5	71	15.5	57.2	501	8.03
E5205688	<0.2	2.77	9	<5	96	<0.5	<1	2.44	<0.5	65	13.4	50.3	1010	7.59
E5205689	<0.2	2.56	93	28	95	0.7	<1	3.06	<0.5	70	18.5	26.5	687	7.29
E5205690	15.6	1.06	353	<5	27	<0.5	<1	0.04	38.8	48	1.9	170	657	6.19
E5205691	<0.2	0.86	50	9	52	<0.5	<1	4.52	<0.5	32	8.9	6.1	772	2.22
E5205692	6.3	1.57	41	<5	29	<0.5	<1	3.85	1.8	10	19.2	220	1840	3.06
E5205693	4.9	1.15	34	<5	43	<0.5	<1	1.43	<0.5	<1	11.3	195	>10000	6.18
E5205694	5.6	0.76	19	6	51	<0.5	<1	0.17	<0.5	<1	2.8	132	>10000	3.61
E5205695	7.4	0.60	18	10	41	<0.5	<1	0.18	<0.5	<1	2.4	136	>10000	1.47
E5205696	4.6	0.67	12	<5	56	<0.5	<1	0.10	<0.5	<1	2.8	373	>10000	4.45

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U557534

PROJECT NO:

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

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Dec 08, 2011	DATE RECEIVED: Dec 08, 2011					DATE REPORTED: Jan 23, 2012					SAMPLE TYPE: Rock				
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5205674	6	<1	<1	<0.01	2	25	3.19	1680	2.0	<0.01	132	248	6.7	<10	
E5205675	11	<1	1	0.01	2	34	3.89	3080	1.6	0.01	308	253	6.1	10	
E5205676	12	<1	<1	0.03	3	35	3.38	3050	1.7	<0.01	347	247	15.2	12	
E5205677	11	<1	<1	0.02	2	43	3.75	3620	1.4	<0.01	353	216	5.9	11	
E5205678	9	<1	4	0.03	3	52	3.95	3270	2.8	<0.01	319	208	5.8	13	
E5205679	8	<1	3	0.03	3	28	2.07	1900	1.9	<0.01	191	204	13.1	<10	
E5205680	9	<1	3	0.14	4	47	3.14	2370	1.5	<0.01	251	240	20.7	26	
E5205681	11	<1	1	0.11	4	54	4.21	3240	1.8	<0.01	223	265	6.7	25	
E5205682	11	<1	<1	0.11	4	43	4.13	3460	2.7	<0.01	237	233	6.3	24	
E5205683	12	<1	3	0.24	2	42	3.69	2670	6.1	<0.01	292	239	47.5	35	
E5205684	7	<1	3	0.02	1	22	1.68	824	3.4	<0.01	99.4	113	48.3	<10	
E5205685	8	<1	<1	0.12	27	41	2.96	1560	2.6	0.03	61.7	687	9.0	19	
E5205686	6	<1	<1	0.21	30	32	2.87	1190	3.1	0.06	56.1	1100	10.2	25	
E5205687	7	<1	<1	0.15	30	31	2.70	1120	2.6	0.12	49.0	1260	7.5	19	
E5205688	5	<1	2	0.27	27	29	2.54	1040	4.2	0.11	49.7	1260	8.8	38	
E5205689	6	<1	<1	0.45	31	82	3.03	936	2.3	0.03	46.9	1330	8.8	44	
E5205690	<5	4	<1	0.24	21	6	0.78	185	4.9	0.01	3.1	48	1910	12	
E5205691	<5	<1	<1	0.13	16	32	0.84	525	1.8	0.01	19.4	306	13.4	15	
E5205692	6	<1	<1	0.19	5	29	1.46	820	2.0	0.01	67.3	189	17.1	24	
E5205693	<5	<1	<1	0.24	4	17	0.85	344	6.9	0.01	91.5	257	43.5	23	
E5205694	<5	<1	4	0.39	2	8	0.18	42	4.0	0.02	23.3	234	69.0	35	
E5205695	7	<1	<1	0.34	1	6	0.14	41	2.4	0.01	17.6	226	125	28	
E5205696	<5	<1	<1	0.34	3	6	0.18	55	6.8	0.02	30.6	149	52.9	29	

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DATE SAMPLED: Dec 08, 2011	DATE RECEIVED: Dec 08, 2011					DATE REPORTED: Jan 23, 2012					SAMPLE TYPE: Rock				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5205674	0.064	<1	10.9	<10	<5	78.3	<10	<10	<5	0.32	12	<5	115	<1	
E5205675	0.098	<1	12.4	<10	<5	94.5	<10	<10	<5	0.33	10	<5	139	<1	
E5205676	0.372	<1	10.8	<10	<5	130	<10	<10	<5	0.33	12	<5	139	<1	
E5205677	0.189	<1	11.4	<10	<5	100	<10	<10	<5	0.23	7	<5	144	<1	
E5205678	0.180	<1	11.0	<10	<5	62.2	<10	<10	<5	0.17	6	<5	144	<1	
E5205679	0.537	1	7.0	<10	<5	61.8	<10	<10	<5	0.17	6	<5	99.6	<1	
E5205680	0.856	<1	12.5	<10	<5	58.1	<10	<10	<5	0.20	9	<5	142	<1	
E5205681	0.133	<1	13.0	<10	<5	54.1	<10	<10	<5	0.16	6	<5	152	<1	
E5205682	0.196	<1	12.2	<10	<5	55.8	<10	<10	<5	0.15	6	<5	137	<1	
E5205683	2.90	<1	12.6	<10	<5	22.0	<10	<10	<5	0.24	13	<5	148	<1	
E5205684	1.65	<1	5.7	15	<5	5.8	<10	<10	<5	0.06	<5	<5	92.1	<1	
E5205685	1.24	<1	9.1	<10	<5	34.7	<10	<10	<5	0.15	7	<5	208	<1	
E5205686	0.296	<1	12.4	<10	<5	34.9	<10	<10	<5	0.57	22	<5	216	<1	
E5205687	0.186	<1	14.1	<10	<5	46.6	<10	<10	<5	0.65	25	<5	220	<1	
E5205688	0.141	<1	11.5	<10	<5	53.4	<10	<10	<5	0.73	28	<5	217	<1	
E5205689	0.041	<1	12.1	<10	<5	44.0	<10	<10	<5	0.44	16	<5	195	<1	
E5205690	6.46	27	7.0	<10	<5	7.7	<10	<10	<5	<0.01	<5	<5	8.2	<1	
E5205691	0.058	3	3.7	<10	<5	21.2	<10	<10	<5	0.04	<5	<5	51.2	<1	
E5205692	0.054	4	8.5	<10	<5	14.8	<10	<10	<5	0.11	5	<5	89.7	<1	
E5205693	0.449	4	5.7	26	<5	14.3	<10	<10	<5	0.06	5	<5	132	<1	
E5205694	0.785	<1	4.1	<10	<5	13.3	<10	<10	<5	0.01	<5	<5	64.5	<1	
E5205695	0.967	1	3.5	<10	<5	9.6	<10	<10	<5	0.02	<5	<5	30.5	<1	
E5205696	0.326	<1	4.1	<10	<5	12.4	<10	<10	<5	<0.01	<5	<5	119	1	

Certified By:



Certificate of Analysis

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DATE SAMPLED: Dec 08, 2011	DATE RECEIVED: Dec 08, 2011	DATE REPORTED: Jan 23, 2012	SAMPLE TYPE: Rock		
Analyte:	Y	Zn	Zr	Cu-OL	
Unit:	ppm	ppm	ppm	%	
Sample Description	RDL:				
E5205674	7	118	7		
E5205675	7	202	7		
E5205676	7	216	7		
E5205677	7	232	<5		
E5205678	7	224	<5		
E5205679	5	158	<5		
E5205680	8	194	6	1.07	
E5205681	9	266	<5		
E5205682	8	245	<5		
E5205683	8	189	8	3.00	
E5205684	3	91.8	<5	4.35	
E5205685	16	65.2	<5		
E5205686	18	92.7	6		
E5205687	18	57.7	11		
E5205688	18	47.2	10		
E5205689	19	45.8	<5		
E5205690	11	7410	41		
E5205691	8	45.9	<5		
E5205692	6	252	9		
E5205693	6	123	6	1.80	
E5205694	6	9.6	9	3.44	
E5205695	4	2.0	10	4.70	
E5205696	6	15.6	5	1.32	

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U557534

PROJECT NO:

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

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 08, 2011

DATE RECEIVED: Dec 08, 2011

DATE REPORTED: Jan 23, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5205674		1.50	<0.001
E5205675		1.22	<0.001
E5205676		1.76	0.014
E5205677		1.48	0.003
E5205678		1.50	0.012
E5205679		1.58	0.018
E5205680		1.40	0.030
E5205681		1.54	0.028
E5205682		1.38	<0.001
E5205683		1.48	0.041
E5205684		1.62	0.073
E5205685		1.16	0.018
E5205686		0.92	0.009
E5205687		2.42	<0.001
E5205688		2.50	<0.001
E5205689		1.18	<0.001
E5205690		0.08	0.580
E5205691		1.30	0.181
E5205692		2.04	0.082
E5205693		1.16	0.037
E5205694		1.50	0.047
E5205695		1.58	0.054
E5205696		1.40	0.051

Comments: RDL - Reported Detection Limit

Certified By:



Quality Assurance

CLIENT NAME: CENIT CORPORATION

AGAT WORK ORDER: 11U557534

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis											
RPT Date: Jan 23, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2990074	< 0.001	< 0.001	0.0%	< 0.001	0.41	0.417	98%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2990086	0.009	0.015		< 0.001				90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2990096	0.0512	0.0617	18.6%	< 0.001				90%	110%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	2990074	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2990074	3.18	3.45	8.1%	< 0.01				80%	120%
As	1	2990074	7	8	13.3%	< 1				80%	120%
B	1	2990074	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2990074	4	5	22.2%	< 1				80%	120%
Be	1	2990074	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2990074	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2990074	4.63	5.07	9.1%	< 0.01				80%	120%
Cd	1	2990074	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2990074	8	8	0.0%	< 1				80%	120%
Co	1	2990074	25.6	22	15.1%	< 0.5	5.1	5.0	101%	80%	120%
Cr	1	2990074	325	368	12.4%	< 0.5				80%	120%
Cu	1	2990074	310	374	18.7%	< 0.5	3762	3800	99%	80%	120%
Fe	1	2990074	4.60	4.90	6.3%	< 0.01				80%	120%
Ga	1	2990074	6	9		< 5				80%	120%
Hg	1	2990074	< 1	< 1	0.0%	< 1				80%	120%
In	1	2990074	< 1	< 1	0.0%	< 1				80%	120%
K	1	2990074	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
La	1	2990074	2	2	0.0%	< 1				80%	120%
Li	1	2990074	25	26	3.9%	< 1				80%	120%
Mg	1	2990074	3.19	3.35	4.9%	< 0.01				80%	120%
Mn	1	2990074	1680	1870	10.7%	< 1				80%	120%
Mo	1	2990074	2.0	1.4		< 0.5	358	380	94%	80%	120%
Na	1	2990074	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ni	1	2990074	132	141	6.6%	< 0.5	8	7	121%	80%	120%
P	1	2990074	248	262	5.5%	< 10				80%	120%
Pb	1	2990074	6.70	6.75	0.7%	< 0.5				80%	120%
Rb	1	2990074	< 10	< 10	0.0%	< 10	12	13	93%	80%	120%
S	1	2990074	0.0645	0.0744	14.3%	< 0.005				80%	120%
Sb	1	2990074	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2990074	10.9	13.7	22.8%	< 0.5				80%	120%
Se	1	2990074	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2990074	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2990074	78.3	92	16.1%	< 0.5				80%	120%
Ta	1	2990074	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2990074	< 10	< 10	0.0%	< 10				80%	120%



Quality Assurance

CLIENT NAME: CENIT CORPORATION

AGAT WORK ORDER: 11U557534

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis (Continued)												
RPT Date: Jan 23, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
Th	1	2990074	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	2990074	0.319	0.378	16.9%	< 0.01				80%	120%	
Tl	1	2990074	12	12	0.0%	< 5				80%	120%	
U	1	2990074	< 5	< 5	0.0%	< 5				80%	120%	
V	1	2990074	115	135	16.0%	< 0.5				80%	120%	
W	1	2990074	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	2990074	7	8	13.3%	< 1				80%	120%	
Zn	1	2990074	118	127	7.3%	< 0.5				80%	120%	
Zr	1	2990074	7	10		< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	2990096	4.60	4.67	1.5%	< 0.2				80%	120%	
Al	1	2990096	0.67	0.59	12.7%	< 0.01				80%	120%	
As	1	2990096	12	13	8.0%	< 1				80%	120%	
B	1	2990096	< 5	< 5	0.0%	< 5				80%	120%	
Ba	1	2990096	56	54	3.6%	< 1				80%	120%	
Be	1	2990096	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Bi	1	2990096	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	2990096	0.10	0.10	0.0%	< 0.01				80%	120%	
Cd	1	2990096	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Ce	1	2990096	< 1	< 1	0.0%	< 1				80%	120%	
Co	1	2990096	2.8	2.8	0.0%	< 0.5	4.6	5.0	92%	80%	120%	
Cr	1	2990096	373	353	5.5%	< 0.5				80%	120%	
Cu	1	2990096	12900	13100	1.5%	< 0.5	3588	3800	94%	80%	120%	
Fe	1	2990096	4.45	4.33	2.7%	< 0.01				80%	120%	
Ga	1	2990096	< 5	< 5	0.0%	< 5				80%	120%	
Hg	1	2990096	< 1	< 1	0.0%	< 1	1.2	1.3	95%	80%	120%	
In	1	2990096	< 1	2		< 1				80%	120%	
K	1	2990096	0.339	0.305	10.6%	< 0.01				80%	120%	
La	1	2990096	3	3	0.0%	< 1				80%	120%	
Li	1	2990096	6	5	18.2%	< 1				80%	120%	
Mg	1	2990096	0.177	0.162	8.8%	< 0.01				80%	120%	
Mn	1	2990096	55	55	0.0%	< 1				80%	120%	
Mo	1	2990096	6.75	6.59	2.4%	< 0.5	334	380	87%	80%	120%	
Na	1	2990096	0.02	0.02	0.0%	< 0.01				80%	120%	
Ni	1	2990096	30.6	30.3	1.0%	< 0.5	8	7	112%	80%	120%	
P	1	2990096	149	157	5.2%	< 10				80%	120%	
Pb	1	2990096	52.9	55.9	5.5%	< 0.5				80%	120%	
Rb	1	2990096	29	27	7.1%	< 10	13	13	97%	80%	120%	
S	1	2990096	0.326	0.320	1.9%	< 0.005	0.95	0.80	118%	80%	120%	
Sb	1	2990096	< 1	1		< 1				80%	120%	
Sc	1	2990096	4.1	4.1	0.0%	< 0.5				80%	120%	
Se	1	2990096	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	2990096	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	2990096	12.4	10.5	16.6%	< 0.5				80%	120%	



Quality Assurance

CLIENT NAME: CENIT CORPORATION

AGAT WORK ORDER: 11U557534

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis (Continued)

RPT Date: Jan 23, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper
Ta	1	2990096	< 10	< 10	0.0%	< 10			80%	120%
Te	1	2990096	< 10	< 10	0.0%	< 10			80%	120%
Th	1	2990096	< 5	< 5	0.0%	< 5			80%	120%
Ti	1	2990096	< 0.01	< 0.01	0.0%	< 0.01			80%	120%
Tl	1	2990096	< 5	< 5	0.0%	< 5			80%	120%
U	1	2990096	< 5	< 5	0.0%	< 5			80%	120%
V	1	2990096	119	121	1.7%	< 0.5			80%	120%
W	1	2990096	1	1	0.0%	< 1			80%	120%
Y	1	2990096	6	6	0.0%	< 1			80%	120%
Zn	1	2990096	15.6	14.4	8.0%	< 0.5			80%	120%
Zr	1	2990096	5	6	18.2%	< 5			80%	120%

Certified By:



Method Summary

CLIENT NAME: GENIT CORPORATION

AGAT WORK ORDER: 11U557534

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Cu-OL	MIN-200-12032		AA
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



CLIENT NAME: CENIT CORPORATION
2 TORONTO ST, 5TH FLOOR
TORONTO, ON M5C2B6

ATTENTION TO: DELIO TORTOSA

PROJECT NO:

AGAT WORK ORDER: 11U550472

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Dec 14, 2011

PAGES (INCLUDING COVER): 30

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 11U550472

PROJECT NO:

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

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Nov 17, 2011

DATE RECEIVED: Nov 17, 2011

DATE REPORTED: Dec 14, 2011

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Ag ppm 0.2	Al % 0.01	As ppm 1	B ppm 5	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01
E5205565		<0.2	4.33	10	5	8	0.5	<1	7.61	<0.5	<1	71.7	747	111	8.51
E5205566		<0.2	3.41	14	5	10	0.5	<1	10.7	<0.5	3	47.5	685	141	6.52
E5205567		<0.2	4.32	7	5	9	0.5	<1	7.84	<0.5	2	73.8	804	53.2	8.19
E5205568		<0.2	4.18	7	5	7	0.6	<1	8.99	<0.5	6	49.0	708	32.8	7.13
E5205569		<0.2	4.23	7	5	5	0.6	<1	8.30	<0.5	<1	68.8	748	152	7.32
E5205570		<0.2	3.86	9	5	8	0.8	<1	8.46	<0.5	3	38.7	715	34.7	6.72
E5205571		<0.2	3.58	8	5	23	0.6	<1	8.62	<0.5	6	33.9	665	41.8	6.03
E5205572		<0.2	2.05	9	5	22	<0.5	<1	5.17	0.5	4	22.0	463	375	3.34
E5205573		<0.2	4.93	7	5	11	0.7	<1	9.25	<0.5	2	43.5	863	42.0	7.92
E5205574		<0.2	4.60	9	5	4	0.5	<1	9.15	<0.5	1	43.7	771	129	7.32
E5205575		<0.2	4.41	8	5	14	0.7	<1	7.60	<0.5	8	37.3	628	126	6.52
E5205576		<0.2	2.81	16	5	33	0.8	<1	7.37	1.4	13	22.0	252	408	5.63
E5205577		<0.2	2.97	10	5	34	0.6	<1	1.33	<0.5	2	36.0	289	540	4.77
E5205578		<0.2	4.00	10	5	30	0.5	<1	3.21	<0.5	1	44.3	302	821	6.18
E5205579		0.3	2.77	13	5	33	0.6	<1	2.86	<0.5	3	22.4	287	1570	4.72
E5205580		26.3	0.98	773	5	37	<0.5	<1	0.11	128	23	4.9	184	1680	9.65
E5205581		0.9	3.86	11	5	48	<0.5	<1	3.95	<0.5	<1	26.0	371	>10000	5.96
E5205582		1.1	1.91	12	5	34	<0.5	<1	1.12	<0.5	12	15.2	289	7310	3.98
E5205583		<0.2	2.72	7	5	47	0.6	<1	5.76	<0.5	41	17.8	159	2780	4.27
E5205584		1.7	2.93	13	5	38	<0.5	<1	2.91	<0.5	12	29.6	261	4210	4.88
E5205585		13.6	1.70	46	5	31	0.5	15	8.17	<0.5	<1	19.6	156	>10000	6.67
E5205586		0.7	1.06	34	5	27	0.7	6	7.81	<0.5	12	18.8	181	885	3.71
E5205587		<0.2	2.85	110	5	110	1.9	<1	1.23	<0.5	70	48.8	28.6	1300	6.77
E5205588		<0.2	3.10	34	5	101	2.0	<1	3.07	<0.5	62	24.0	49.2	224	7.89
E5205589		<0.2	0.03	<1	5	2	<0.5	<1	0.03	<0.5	15	<0.5	0.8	2.9	0.03
E5205590		<0.2	2.97	12	5	86	1.6	<1	3.02	<0.5	67	25.9	54.0	204	8.54
E5205591		<0.2	2.90	9	5	118	1.5	<1	3.99	<0.5	65	24.3	35.2	503	7.97
E5205592		<0.2	2.01	31	5	133	1.7	<1	3.42	<0.5	51	30.5	55.3	1190	4.91
E5205593		<0.2	1.85	8	5	84	1.6	<1	2.04	<0.5	30	12.0	57.7	1030	3.88
E5205594		<0.2	1.43	12	5	52	1.1	<1	4.62	<0.5	25	11.5	102	2000	3.12
E5205595		<0.2	1.75	21	5	44	0.8	<1	6.59	<0.5	26	9.2	133	1520	2.63
E5205596		0.7	1.56	15	5	20	0.5	<1	3.99	<0.5	11	10.5	211	1480	3.00

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U550472

PROJECT NO:

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

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Nov 17, 2011

DATE RECEIVED: Nov 17, 2011

DATE REPORTED: Dec 14, 2011

SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5205597	0.2	1.22	16	<5	36	<0.5	<1	6.49	0.9	13	9.1	221	1350	2.14
E5205598	0.3	1.84	8	<5	55	<0.5	<1	2.29	<0.5	15	10.5	195	4140	2.52
E5205599	0.3	1.00	5	<5	28	<0.5	<1	1.39	<0.5	5	6.2	182	1600	1.37
E5205600	<0.2	0.54	7	<5	26	<0.5	<1	1.70	<0.5	8	1.9	126	309	0.57
E5205601	0.7	0.83	6	<5	22	<0.5	<1	1.47	<0.5	5	7.1	171	506	1.20
E5205602	1.2	2.02	10	<5	44	0.5	<1	4.24	0.5	2	17.1	136	3270	4.01
E5205603	<0.2	5.38	23	<5	54	1.5	<1	1.61	<0.5	<1	33.9	233	3420	7.94
E5205604	<0.2	2.74	19	<5	41	1.0	<1	8.55	<0.5	12	17.0	122	181	4.70
E5205605	<0.2	3.39	7	<5	89	2.9	<1	6.64	<0.5	46	14.7	76.5	335	7.69
E5205606	0.3	1.43	35	<5	45	<0.5	<1	6.62	0.6	29	11.5	87.5	1580	2.00
E5205607	<0.2	2.41	35	<5	77	<0.5	<1	1.92	<0.5	28	12.5	92.8	299	3.28
E5205608	<0.2	1.56	12	<5	910	<0.5	<1	1.85	<0.5	43	3.0	158	268	1.13
E5205609	7.4	1.92	6	<5	178	<0.5	<1	5.62	<0.5	31	13.5	71.2	4240	1.91
E5205610	16.5	1.16	432	<5	58	<0.5	<1	0.05	40.4	43	2.2	173	666	6.71
E5205611	<0.2	1.58	7	<5	177	<0.5	<1	4.51	<0.5	30	16.6	62.8	1510	1.53
E5205612	<0.2	3.75	7	<5	36	0.8	<1	4.18	<0.5	<1	19.6	174	169	5.70
E5205613	<0.2	4.21	5	<5	19	0.7	<1	4.16	<0.5	<1	17.4	178	75.3	6.31
E5205614	<0.2	2.20	5	<5	30	0.7	<1	2.04	<0.5	<1	12.2	91.4	50.5	3.52
E5205615	<0.2	2.03	6	<5	48	<0.5	<1	1.81	<0.5	<1	14.1	146	179	3.59
E5205616	<0.2	5.04	5	<5	12	1.1	<1	2.40	<0.5	1	17.6	221	50.8	8.04
E5205617	<0.2	2.87	14	<5	30	0.9	<1	1.93	<0.5	6	37.3	170	159	5.89
E5205618	<0.2	4.67	10	<5	24	1.4	<1	0.93	<0.5	<1	34.3	228	92.9	7.48
E5205619	<0.2	5.83	7	<5	13	1.5	<1	0.60	<0.5	<1	22.9	211	32.7	10.5
E5205620	<0.2	3.03	8	<5	12	0.7	<1	2.13	<0.5	3	17.5	137	66.8	5.27
E5205621	<0.2	2.57	4	<5	24	0.6	<1	0.35	<0.5	25	9.7	56.6	14.4	3.89
E5205622	<0.2	3.82	6	<5	21	0.8	<1	0.54	<0.5	29	15.3	104	21.3	6.77
E5205623	<0.2	2.90	5	<5	33	0.8	<1	1.30	<0.5	31	14.0	79.2	72.8	4.51
E5205624	<0.2	2.74	8	<5	28	0.6	<1	1.30	<0.5	14	16.2	66.1	197	4.26
E5205625	<0.2	2.18	4	<5	22	<0.5	<1	1.79	<0.5	1	10.6	51.2	336	3.40
E5205626	<0.2	2.75	8	<5	15	0.7	<1	1.58	<0.5	<1	23.5	96.6	202	4.39
E5205627	<0.2	2.74	7	<5	32	0.6	<1	2.34	<0.5	<1	27.1	95.4	979	4.29
E5205628	4.5	2.97	10	<5	23	0.8	10	1.28	<0.5	<1	40.7	119	651	5.24

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U550472

PROJECT NO:

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

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Nov 17, 2011

DATE RECEIVED: Nov 17, 2011

DATE REPORTED: Dec 14, 2011

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Ag ppm 0.2	Al % 0.01	As ppm 1	B ppm 5	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01
E5205629		<0.2	7.18	4	5	5	1.7	<1	0.94	<0.5	<1	28.6	190	93.2	11.0
E5205630		28.8	1.17	856	5	45	<0.5	<1	0.13	142	25	5.2	207	1880	10.8
E5205631		4.1	4.14	10	5	5	0.9	<1	4.28	<0.5	<1	26.8	129	>10000	8.07
E5205632		<0.2	5.79	5	5	3	1.3	<1	0.92	<0.5	<1	25.2	262	22.6	9.04
E5205633		<0.2	6.59	6	5	3	1.3	<1	1.43	<0.5	<1	23.4	202	322	10.3
E5205634		<0.2	7.04	6	5	<1	1.0	<1	0.69	<0.5	1	27.2	175	92.3	13.5
E5205635		<0.2	2.53	4	5	<1	<0.5	<1	0.67	<0.5	<1	16.8	128	72.0	9.13
E5205636		<0.2	2.17	3	5	3	<0.5	<1	1.05	<0.5	<1	22.5	109	9.1	8.89
E5205637		<0.2	5.30	5	5	<1	<0.5	<1	2.62	<0.5	<1	37.6	216	19.5	12.6
E5205638		<0.2	4.57	6	5	<1	<0.5	<1	1.24	<0.5	<1	40.1	283	14.4	10.7
E5205639		<0.2	4.48	5	5	<1	<0.5	<1	1.41	<0.5	<1	45.0	250	24.3	11.2
E5205640		<0.2	0.03	<1	5	2	<0.5	<1	0.03	<0.5	14	<0.5	0.6	2.5	0.03
E5205641		<0.2	4.22	4	5	<1	<0.5	<1	0.89	<0.5	<1	39.0	286	10.1	12.5
E5205642		1.3	3.11	7	5	28	<0.5	<1	2.26	<0.5	24	14.1	132	72.2	5.39
E5205643		0.3	1.30	9	5	28	<0.5	<1	4.24	<0.5	36	9.1	90.9	252	2.11
E5205644		3.1	5.03	12	5	22	<0.5	<1	6.28	0.5	4	23.7	113	2870	8.49
E5205645		6.5	2.83	113	5	6	1.0	<1	8.24	53.4	<1	131	134	3130	11.3
E5205646		3.5	4.72	141	5	5	0.9	<1	3.62	14.1	<1	149	214	324	17.3
E5205647		<0.2	1.36	39	5	<1	<0.5	<1	7.68	<0.5	<1	69.6	78.1	125	10.1
E5205648		3.6	2.70	52	5	1	<0.5	<1	3.17	10.9	<1	90.3	101	3200	10.7
E5205649		0.3	2.89	39	5	3	<0.5	<1	5.15	<0.5	<1	58.2	116	595	18.2
E5205650		<0.2	3.73	18	5	<1	<0.5	<1	7.75	<0.5	<1	18.3	158	115	19.9
E5205651		<0.2	6.38	7	5	15	1.5	<1	0.86	<0.5	<1	28.9	325	85.6	10.6
E5205652		<0.2	4.71	14	5	<1	0.7	<1	1.24	<0.5	<1	107	208	73.2	10.0
E5205653		<0.2	5.64	4	5	2	0.7	<1	0.35	<0.5	<1	38.2	285	8.5	9.82
E5205654		<0.2	6.90	3	5	14	1.4	<1	0.24	<0.5	<1	28.8	320	5.0	12.3
E5205655		<0.2	5.57	4	5	15	1.6	<1	0.48	<0.5	9	31.6	276	55.6	9.56
E5205656		<0.2	3.65	4	5	4	0.9	<1	0.14	<0.5	14	33.0	228	7.3	6.66
E5205657		<0.2	3.29	7	5	6	1.1	<1	0.18	<0.5	143	51.4	216	11.0	6.13
E5205658		<0.2	5.53	9	5	12	1.4	<1	0.27	<0.5	129	36.2	260	44.7	10.4
E5205659		<0.2	5.97	5	5	14	1.5	<1	0.26	<0.5	71	28.5	317	3.2	11.4
E5205660		16.7	0.96	435	5	35	<0.5	<1	0.05	41.0	42	2.3	168	665	6.59

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U550472

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

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Nov 17, 2011	DATE RECEIVED: Nov 17, 2011					DATE REPORTED: Dec 14, 2011					SAMPLE TYPE: Rock				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5205661	<0.2	4.93	5	<5	14	1.2	<1	0.18	<0.5	32	43.5	281	8.6	9.76	
E5205662	<0.2	5.37	10	<5	16	1.2	<1	0.30	<0.5	150	38.6	322	122	10.7	
E5205663	<0.2	4.35	5	<5	7	0.8	<1	0.20	<0.5	56	45.5	300	6.9	8.44	
E5205664	<0.2	4.87	5	<5	8	1.0	<1	0.33	<0.5	14	28.5	277	3.4	9.48	
E5205665	<0.2	6.18	6	<5	9	1.2	<1	0.44	<0.5	3	34.7	307	24.5	12.2	
E5205666	<0.2	5.15	5	<5	28	1.4	<1	1.07	<0.5	13	34.2	320	35.7	8.55	
E5205667	<0.2	3.23	19	<5	64	1.5	<1	3.62	<0.5	9	60.7	273	68.5	6.36	
E5205668	<0.2	5.01	4	<5	40	1.5	<1	0.77	<0.5	<1	39.5	298	16.7	8.40	
E5205669	<0.2	4.74	10	<5	32	1.2	<1	0.54	<0.5	<1	37.8	323	237	8.68	
E5205670	<0.2	0.03	<1	<5	2	<0.5	<1	0.03	<0.5	16	<0.5	0.6	2.1	0.03	
E5205671	<0.2	2.56	15	<5	17	<0.5	<1	0.58	<0.5	24	35.2	218	25.6	5.09	
E5205672	<0.2	5.13	10	<5	181	1.0	<1	0.70	<0.5	12	38.7	343	56.0	9.42	

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<http://www.agatlabs.com>

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Nov 17, 2011	DATE RECEIVED: Nov 17, 2011						DATE REPORTED: Dec 14, 2011					SAMPLE TYPE: Rock			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5205565	7	<1	<1	<0.01	2	16	6.70	1730	<0.5	<0.01	641	213	8.5	11	
E5205566	10	<1	<1	<0.01	2	19	5.33	1810	0.9	<0.01	514	187	9.4	11	
E5205567	8	<1	<1	<0.01	3	28	6.42	1820	<0.5	<0.01	637	247	8.4	10	
E5205568	11	<1	<1	<0.01	4	31	6.05	2040	<0.5	<0.01	510	244	10.6	10	
E5205569	8	<1	<1	<0.01	2	27	5.75	2160	<0.5	<0.01	479	234	13.6	10	
E5205570	7	<1	<1	0.02	3	35	4.01	2350	0.5	<0.01	475	221	7.1	13	
E5205571	7	<1	<1	0.15	4	27	3.35	2020	<0.5	<0.01	443	237	7.4	30	
E5205572	6	<1	<1	0.18	3	16	1.75	1110	<0.5	<0.01	282	201	6.6	29	
E5205573	11	<1	<1	0.07	3	28	4.84	3190	<0.5	<0.01	465	283	7.5	19	
E5205574	10	<1	<1	0.02	2	27	4.91	3210	<0.5	<0.01	429	247	6.3	14	
E5205575	9	<1	<1	0.10	5	36	3.92	2690	<0.5	<0.01	377	263	8.5	22	
E5205576	<5	<1	<1	0.25	7	25	1.96	1410	1.1	<0.01	144	224	29.4	40	
E5205577	5	<1	<1	0.30	2	31	1.87	974	<0.5	<0.01	179	262	6.6	37	
E5205578	9	<1	<1	0.26	2	44	2.58	1580	<0.5	<0.01	192	311	9.0	39	
E5205579	<5	<1	<1	0.25	3	33	2.00	1130	<0.5	<0.01	141	256	9.0	34	
E5205580	<5	12	<1	0.26	15	7	0.59	224	4.5	0.01	4.9	37	2920	13	
E5205581	11	<1	<1	0.31	4	42	3.06	1810	<0.5	<0.01	207	320	38.6	44	
E5205582	<5	<1	<1	0.23	10	26	1.41	786	1.1	<0.01	118	455	28.0	29	
E5205583	7	<1	<1	0.31	20	39	1.99	1700	0.7	<0.01	84.9	820	13.7	43	
E5205584	8	<1	1	0.29	9	31	2.35	1600	<0.5	<0.01	101	270	16.5	42	
E5205585	7	<1	<1	0.09	5	24	1.50	1250	0.7	<0.01	69.1	152	93.4	21	
E5205586	<5	<1	<1	0.12	8	28	1.27	1490	1.1	<0.01	41.3	88	17.8	22	
E5205587	8	<1	<1	0.53	35	125	2.64	1320	<0.5	0.02	57.3	1780	16.6	67	
E5205588	5	<1	<1	0.62	28	152	3.12	1370	<0.5	0.03	51.1	1680	10.0	46	
E5205589	<5	<1	<1	0.01	7	<1	0.01	5	<0.5	<0.01	<0.5	28	<0.5	<10	
E5205590	8	<1	<1	0.46	30	102	3.17	1340	<0.5	0.03	62.2	1880	9.9	44	
E5205591	7	<1	<1	0.43	33	123	3.07	1850	<0.5	0.02	55.8	1770	13.5	53	
E5205592	6	<1	<1	0.47	27	73	1.83	1630	<0.5	0.01	38.7	1190	26.4	68	
E5205593	<5	<1	<1	0.36	17	60	1.44	687	<0.5	0.01	26.0	855	11.8	24	
E5205594	6	<1	<1	0.35	16	30	0.94	932	0.7	<0.01	22.2	626	12.3	49	
E5205595	6	<1	<1	0.46	17	22	1.15	1550	<0.5	0.01	26.8	352	8.1	64	
E5205596	<5	<1	<1	0.15	8	18	1.33	1160	<0.5	<0.01	45.8	132	8.1	23	

Certified By:



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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Nov 17, 2011

DATE RECEIVED: Nov 17, 2011

DATE REPORTED: Dec 14, 2011

SAMPLE TYPE: Rock

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5205597	<5	<1	1	0.25	7	14	0.80	633	<0.5	<0.01	42.5	209	6.3	36
E5205598	7	<1	<1	0.43	7	14	0.88	699	0.9	<0.01	75.4	342	13.7	46
E5205599	<5	<1	<1	0.26	3	7	0.46	360	1.6	<0.01	29.7	92	5.8	28
E5205600	<5	<1	<1	0.23	3	3	0.17	192	0.6	<0.01	5.0	25	2.8	24
E5205601	<5	<1	<1	0.18	3	8	0.45	290	<0.5	<0.01	35.3	54	4.5	19
E5205602	<5	<1	<1	0.29	5	21	1.52	978	1.1	<0.01	42.3	199	22.3	35
E5205603	16	<1	<1	0.33	5	81	5.21	1760	<0.5	0.02	71.8	229	25.0	31
E5205604	6	<1	<1	0.28	9	34	2.08	1040	<0.5	0.04	32.1	198	7.9	52
E5205605	10	<1	<1	0.35	19	56	3.39	988	<0.5	0.12	44.1	1690	9.1	71
E5205606	<5	<1	<1	0.28	15	12	0.96	720	0.6	0.03	30.0	207	96.9	34
E5205607	6	<1	<1	0.41	16	29	1.57	764	<0.5	0.03	28.9	261	4.9	43
E5205608	<5	<1	<1	0.64	21	7	0.32	287	0.6	0.02	6.6	229	2.9	57
E5205609	6	<1	<1	0.59	18	16	0.74	771	1.2	0.03	8.2	359	12.1	66
E5205610	<5	5	<1	0.28	23	7	0.81	184	3.8	0.01	3.7	55	2050	13
E5205611	5	<1	<1	0.57	15	12	0.55	662	0.9	0.03	8.9	412	10.3	54
E5205612	8	<1	<1	0.13	2	40	3.09	1930	<0.5	0.01	70.9	384	10.1	21
E5205613	9	<1	<1	0.11	2	40	3.40	2180	<0.5	0.03	67.5	232	9.5	19
E5205614	<5	<1	<1	0.15	<1	13	1.72	890	<0.5	0.19	45.9	264	8.3	16
E5205615	<5	<1	<1	0.17	<1	14	1.68	855	1.0	0.12	46.2	191	15.4	16
E5205616	10	<1	<1	0.02	4	55	5.18	2460	<0.5	0.04	86.0	273	11.7	10
E5205617	<5	<1	<1	0.14	5	32	3.11	1150	1.3	0.11	79.1	307	12.9	22
E5205618	11	<1	<1	0.18	1	67	5.24	1310	203	0.07	81.0	285	20.1	24
E5205619	13	<1	<1	0.10	2	74	6.95	1810	<0.5	0.05	97.2	334	15.4	18
E5205620	7	<1	<1	0.06	3	32	3.14	940	29.1	0.07	40.5	185	22.0	12
E5205621	7	<1	<1	0.15	13	28	2.42	675	1.4	0.16	18.3	299	27.6	16
E5205622	9	<1	<1	0.12	15	32	3.89	1230	4.1	0.12	59.6	610	10.6	17
E5205623	7	<1	<1	0.14	14	31	2.80	1060	<0.5	0.14	38.7	745	9.0	19
E5205624	6	<1	<1	0.13	6	23	2.45	920	0.6	0.16	46.2	486	20.7	16
E5205625	<5	<1	<1	0.15	<1	12	1.76	800	2.9	0.20	40.6	305	15.1	15
E5205626	6	<1	<1	0.11	<1	24	2.71	1170	1.8	0.15	62.9	248	21.1	13
E5205627	6	<1	<1	0.11	<1	20	2.47	1320	<0.5	0.12	67.9	266	40.6	14
E5205628	5	<1	<1	0.09	<1	28	3.21	1170	2.6	0.11	67.4	252	56.1	14

Certified By:



Certificate of Analysis

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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Nov 17, 2011	DATE RECEIVED: Nov 17, 2011						DATE REPORTED: Dec 14, 2011					SAMPLE TYPE: Rock			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5205629	10	<1	<1	<0.01	<1	97	8.27	2980	<0.5	0.03	128	360	15.6	<10	
E5205630	<5	14	<1	0.32	17	8	0.68	252	5.3	0.01	5.9	43	3250	16	
E5205631	7	<1	<1	0.01	5	43	4.76	1960	0.5	0.03	96.5	215	137	10	
E5205632	8	<1	<1	<0.01	1	57	7.43	2490	47.1	0.04	119	140	9.5	<10	
E5205633	11	<1	<1	0.02	2	61	7.52	2680	<0.5	0.02	88.4	261	14.5	<10	
E5205634	10	<1	<1	<0.01	7	43	7.71	2320	14.6	0.01	93.1	337	16.6	<10	
E5205635	<5	<1	<1	<0.01	<1	7	3.69	645	6.2	0.02	42.5	62	12.5	<10	
E5205636	<5	<1	<1	0.01	1	8	3.17	853	3.1	0.04	43.9	110	42.9	<10	
E5205637	6	<1	<1	<0.01	<1	13	7.24	1380	7.7	<0.01	82.4	162	9.5	<10	
E5205638	5	<1	<1	<0.01	<1	15	5.88	1260	1.1	<0.01	77.0	133	8.3	<10	
E5205639	<5	<1	<1	<0.01	<1	10	5.70	1310	1.1	<0.01	67.1	99	6.4	<10	
E5205640	<5	<1	<1	0.01	7	<1	0.01	4	<0.5	<0.01	<0.5	25	0.6	<10	
E5205641	8	<1	<1	<0.01	1	11	5.36	1550	5.0	<0.01	72.7	140	7.7	<10	
E5205642	<5	<1	<1	0.20	14	17	2.44	1440	30.0	0.02	37.4	112	10.5	23	
E5205643	<5	<1	<1	0.19	17	8	1.00	731	1.7	0.01	10.5	60	4.6	24	
E5205644	10	<1	<1	0.18	7	31	3.93	2740	7.0	<0.01	42.0	203	61.2	30	
E5205645	<5	<1	<1	<0.01	3	7	2.88	2350	19.3	0.03	99.6	98	1970	12	
E5205646	<5	<1	<1	<0.01	<1	10	4.52	3160	28.9	0.03	84.1	154	540	<10	
E5205647	<5	<1	<1	<0.01	<1	3	1.96	1590	2.6	0.01	19.4	95	32.6	10	
E5205648	<5	<1	<1	<0.01	2	8	2.82	1850	4.8	0.02	44.1	111	1000	<10	
E5205649	<5	<1	<1	<0.01	<1	7	2.91	2330	<0.5	0.01	49.9	105	111	<10	
E5205650	<5	<1	<1	<0.01	<1	9	3.69	3400	<0.5	<0.01	72.4	90	13.8	11	
E5205651	7	<1	<1	0.20	7	44	6.92	2390	3.1	0.02	125	165	19.9	35	
E5205652	7	<1	<1	<0.01	3	17	5.81	1370	1.9	<0.01	79.0	147	11.2	<10	
E5205653	11	<1	<1	0.02	3	27	6.80	1480	<0.5	<0.01	85.3	149	12.1	<10	
E5205654	11	<1	<1	0.11	4	59	8.66	1660	<0.5	0.02	117	220	11.7	19	
E5205655	7	<1	<1	0.14	7	54	6.12	1650	<0.5	0.01	108	166	12.0	24	
E5205656	6	<1	<1	0.07	8	35	4.13	942	<0.5	0.01	70.5	113	7.6	12	
E5205657	9	<1	<1	0.03	62	27	3.52	876	1.2	0.01	61.1	126	8.6	<10	
E5205658	8	<1	<1	0.17	58	34	5.69	1520	<0.5	0.01	103	181	10.8	32	
E5205659	11	<1	<1	0.16	35	35	6.21	1760	<0.5	0.01	123	177	11.3	27	
E5205660	<5	5	<1	0.21	22	6	0.76	181	3.4	0.01	3.7	53	2090	11	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U550472

PROJECT NO:

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

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Nov 17, 2011	DATE RECEIVED: Nov 17, 2011						DATE REPORTED: Dec 14, 2011				SAMPLE TYPE: Rock			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5205661	<5	<1	<1	0.22	17	31	4.91	1280	<0.5	0.01	119	126	9.9	43
E5205662	11	<1	<1	0.09	70	30	5.35	1550	2.1	0.02	127	198	11.2	15
E5205663	11	<1	<1	0.06	26	23	4.56	1110	<0.5	0.03	93.8	164	8.1	<10
E5205664	8	<1	<1	0.04	10	30	5.25	1490	<0.5	0.02	88.9	165	9.3	<10
E5205665	12	<1	<1	0.05	7	35	6.53	2250	<0.5	0.01	108	200	14.9	14
E5205666	6	<1	<1	0.13	9	35	5.34	1790	<0.5	0.03	122	208	13.7	24
E5205667	<5	<1	<1	0.20	7	24	2.63	1460	0.6	0.05	114	177	17.1	39
E5205668	5	<1	<1	0.19	2	41	5.42	1800	<0.5	0.03	127	193	13.1	33
E5205669	7	<1	<1	0.16	2	27	4.77	1650	<0.5	0.03	126	182	11.9	27
E5205670	<5	<1	<1	0.01	8	<1	0.02	5	<0.5	<0.01	<0.5	27	0.6	<10
E5205671	5	<1	<1	0.10	10	16	2.44	759	3.8	0.04	64.4	1100	7.8	13
E5205672	11	<1	<1	0.19	11	34	4.88	1990	<0.5	0.02	114	168	11.6	27

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

DATE SAMPLED: Nov 17, 2011	DATE RECEIVED: Nov 17, 2011					DATE REPORTED: Dec 14, 2011					SAMPLE TYPE: Rock				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5205565	0.328	<1	15.0	<10	<5	48.2	<10	<10	<5	0.13	<5	<5	152	<1	
E5205566	0.718	<1	11.4	<10	<5	67.8	<10	<10	<5	0.06	<5	<5	139	<1	
E5205567	0.205	<1	14.8	<10	<5	50.2	<10	<10	<5	0.08	<5	<5	167	<1	
E5205568	0.148	<1	14.2	<10	<5	46.8	<10	<10	<5	0.05	<5	<5	163	<1	
E5205569	0.363	<1	13.5	<10	<5	35.5	<10	<10	<5	0.07	<5	<5	160	<1	
E5205570	0.092	<1	14.0	<10	<5	41.8	<10	<10	<5	0.13	<5	<5	180	<1	
E5205571	0.098	<1	11.7	<10	<5	31.0	<10	<10	<5	0.03	<5	<5	139	<1	
E5205572	0.069	<1	6.0	<10	<5	19.0	<10	<10	<5	0.02	<5	<5	89.9	<1	
E5205573	0.269	<1	14.9	<10	<5	47.3	<10	<10	<5	0.05	<5	<5	193	<1	
E5205574	0.261	<1	14.0	<10	<5	45.6	<10	<10	<5	0.03	<5	<5	175	<1	
E5205575	0.130	<1	12.0	<10	<5	43.8	<10	<10	<5	0.03	<5	<5	178	<1	
E5205576	0.094	<1	6.8	<10	<5	25.5	<10	<10	<5	0.02	<5	<5	152	<1	
E5205577	0.203	<1	8.1	<10	<5	10.5	<10	<10	<5	0.02	<5	<5	104	<1	
E5205578	0.578	<1	10.5	<10	<5	14.8	<10	<10	<5	0.02	<5	<5	136	<1	
E5205579	0.324	<1	6.8	<10	<5	20.0	<10	<10	<5	0.02	<5	<5	109	<1	
E5205580	>10	40	5.5	<10	<5	4.6	<10	24	6	<0.01	<5	<5	17.1	15	
E5205581	0.467	<1	9.2	<10	<5	33.0	<10	<10	<5	0.03	<5	<5	149	<1	
E5205582	0.202	<1	6.6	<10	<5	9.6	<10	<10	<5	0.03	<5	<5	171	<1	
E5205583	0.130	<1	8.7	<10	<5	18.4	<10	<10	<5	0.04	<5	<5	170	<1	
E5205584	0.131	<1	7.5	<10	<5	13.4	<10	<10	<5	0.02	<5	<5	131	<1	
E5205585	0.888	2	5.6	<10	<5	22.6	<10	<10	<5	0.02	<5	<5	177	1	
E5205586	0.094	4	4.2	<10	<5	26.4	<10	<10	<5	<0.01	<5	<5	98.3	<1	
E5205587	0.024	<1	11.2	<10	<5	30.4	<10	<10	<5	0.09	<5	<5	153	<1	
E5205588	0.037	<1	15.2	<10	<5	40.6	<10	<10	<5	0.24	10	<5	177	<1	
E5205589	0.007	<1	<0.5	<10	<5	0.8	<10	<10	<5	<0.01	<5	<5	0.6	<1	
E5205590	0.036	<1	15.1	<10	<5	37.8	<10	<10	<5	0.24	10	<5	234	<1	
E5205591	0.045	<1	13.0	<10	<5	42.2	<10	<10	<5	0.13	7	<5	192	<1	
E5205592	0.042	<1	9.3	<10	<5	29.9	<10	<10	<5	0.10	5	<5	116	<1	
E5205593	0.023	<1	7.7	<10	<5	21.2	<10	<10	<5	0.05	<5	<5	82.9	<1	
E5205594	0.051	2	8.8	<10	<5	20.1	<10	<10	<5	0.03	<5	<5	79.0	<1	
E5205595	0.075	2	9.0	<10	<5	24.0	<10	<10	<5	0.01	<5	<5	102	<1	
E5205596	0.046	2	6.5	<10	<5	12.0	<10	<10	<5	0.01	<5	<5	108	<1	

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

DATE SAMPLED: Nov 17, 2011	DATE RECEIVED: Nov 17, 2011					DATE REPORTED: Dec 14, 2011					SAMPLE TYPE: Rock				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5205597	0.077	2	5.0	<10	<5	16.0	<10	<10	<5	0.01	<5	<5	60.0	<1	
E5205598	0.121	<1	6.9	<10	<5	12.3	<10	<10	<5	0.05	5	<5	93.1	<1	
E5205599	0.050	1	3.7	<10	<5	5.5	<10	<10	<5	<0.01	<5	<5	42.3	<1	
E5205600	0.021	2	1.6	<10	<5	4.4	<10	<10	<5	<0.01	<5	<5	13.2	<1	
E5205601	0.018	2	2.7	<10	<5	5.9	<10	<10	<5	<0.01	<5	<5	32.8	<1	
E5205602	0.108	<1	6.9	<10	<5	12.5	<10	<10	<5	<0.01	<5	<5	98.7	<1	
E5205603	0.017	<1	20.3	<10	<5	15.7	<10	<10	<5	0.02	<5	<5	183	<1	
E5205604	0.096	<1	10.4	<10	<5	38.7	<10	<10	<5	0.17	<5	<5	117	<1	
E5205605	0.081	<1	20.2	<10	<5	39.7	<10	<10	<5	0.70	21	<5	154	<1	
E5205606	0.405	2	4.6	<10	<5	21.9	<10	<10	<5	<0.01	<5	<5	38.0	<1	
E5205607	0.021	<1	4.4	<10	<5	9.7	<10	<10	<5	0.01	<5	<5	53.5	<1	
E5205608	0.045	1	2.1	<10	<5	28.9	<10	<10	<5	<0.01	<5	<5	16.0	<1	
E5205609	0.252	1	3.4	<10	<5	26.9	<10	<10	<5	0.03	<5	<5	29.6	<1	
E5205610	6.89	31	7.1	<10	<5	4.8	<10	<10	8	<0.01	<5	<5	15.4	<1	
E5205611	0.180	1	2.9	<10	<5	29.2	<10	<10	<5	0.03	<5	<5	23.5	<1	
E5205612	0.047	<1	14.2	<10	<5	62.3	<10	<10	<5	0.24	9	<5	148	<1	
E5205613	0.054	<1	19.0	<10	<5	64.8	<10	<10	<5	0.23	9	<5	179	<1	
E5205614	0.058	<1	10.9	<10	<5	17.1	<10	<10	<5	0.32	10	<5	115	<1	
E5205615	0.081	<1	9.2	<10	<5	18.6	<10	<10	<5	0.26	9	<5	101	<1	
E5205616	0.047	<1	24.7	<10	<5	23.5	<10	<10	<5	0.31	12	<5	243	<1	
E5205617	1.19	<1	15.5	<10	<5	14.2	<10	<10	<5	0.19	7	<5	166	<1	
E5205618	0.526	<1	23.4	<10	<5	8.4	<10	<10	<5	0.09	6	<5	228	<1	
E5205619	0.230	<1	31.4	<10	<5	5.4	<10	<10	<5	0.12	7	<5	302	<1	
E5205620	0.254	<1	10.6	<10	<5	9.8	<10	<10	<5	0.05	5	<5	128	<1	
E5205621	0.061	<1	9.6	<10	<5	9.7	<10	<10	<5	0.08	<5	<5	65.7	<1	
E5205622	0.051	<1	16.9	<10	<5	7.6	<10	<10	<5	0.14	7	<5	164	<1	
E5205623	0.077	<1	12.1	<10	<5	25.6	<10	<10	<5	0.22	9	<5	116	<1	
E5205624	0.110	<1	9.0	<10	<5	17.1	<10	<10	<5	0.22	8	<5	110	<1	
E5205625	0.083	<1	9.1	<10	<5	11.8	<10	<10	<5	0.25	10	<5	102	<1	
E5205626	0.114	<1	11.4	<10	<5	11.5	<10	<10	<5	0.29	10	<5	139	<1	
E5205627	0.166	<1	10.4	<10	<5	21.1	<10	<10	<5	0.25	9	<5	125	<1	
E5205628	0.727	<1	12.3	<10	<5	11.0	<10	<10	<5	0.33	10	<5	156	<1	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U550472

PROJECT NO:

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MISSISSAUGA, ONTARIO
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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Nov 17, 2011	DATE RECEIVED: Nov 17, 2011					DATE REPORTED: Dec 14, 2011					SAMPLE TYPE: Rock				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5205629	0.022	<1	29.9	<10	<5	12.2	<10	<10	<5	0.36	13	<5	272	<1	
E5205630	>10	43	6.4	<10	<5	4.6	<10	25	8	<0.01	<5	<5	20.6	14	
E5205631	2.17	<1	11.9	<10	<5	42.6	<10	<10	<5	0.24	8	<5	138	<1	
E5205632	0.015	<1	13.3	<10	<5	17.7	<10	<10	<5	0.21	8	<5	172	<1	
E5205633	0.049	<1	20.8	<10	<5	30.3	<10	<10	<5	0.26	11	<5	237	<1	
E5205634	0.309	<1	27.8	<10	<5	3.2	<10	<10	<5	0.17	7	<5	305	<1	
E5205635	0.208	<1	5.5	<10	<5	8.1	<10	<10	<5	0.03	<5	<5	145	<1	
E5205636	0.206	<1	6.3	<10	<5	6.7	<10	<10	<5	0.03	<5	<5	146	<1	
E5205637	0.330	<1	22.1	18	<5	10.9	<10	<10	<5	0.02	<5	<5	236	<1	
E5205638	0.393	<1	33.5	<10	<5	7.2	<10	<10	<5	0.02	<5	<5	250	<1	
E5205639	0.659	<1	24.6	<10	<5	3.6	<10	<10	<5	0.01	<5	<5	238	<1	
E5205640	0.007	<1	<0.5	<10	<5	0.5	<10	<10	<5	<0.01	<5	<5	<0.5	<1	
E5205641	0.383	<1	29.8	<10	<5	0.6	<10	<10	<5	0.03	<5	<5	290	<1	
E5205642	0.052	<1	10.5	<10	<5	15.3	<10	<10	<5	0.02	<5	<5	81.1	<1	
E5205643	0.069	<1	4.6	<10	<5	9.9	<10	<10	<5	<0.01	<5	<5	35.6	<1	
E5205644	0.264	<1	20.4	<10	<5	24.0	<10	<10	<5	0.04	<5	<5	170	<1	
E5205645	4.40	<1	26.7	<10	<5	33.4	<10	<10	<5	0.10	<5	<5	178	<1	
E5205646	4.20	<1	25.7	<10	<5	19.5	<10	<10	<5	0.16	8	<5	197	<1	
E5205647	0.966	<1	14.1	<10	<5	15.3	<10	<10	<5	0.04	<5	<5	130	<1	
E5205648	1.78	<1	9.9	<10	<5	14.2	<10	<10	<5	0.06	<5	<5	128	<1	
E5205649	2.43	<1	7.3	<10	<5	9.9	<10	<10	<5	0.07	<5	<5	136	<1	
E5205650	0.439	<1	6.7	<10	<5	12.8	<10	<10	<5	0.12	<5	<5	154	<1	
E5205651	0.129	<1	23.4	<10	<5	9.0	<10	<10	<5	0.15	7	<5	221	<1	
E5205652	1.25	<1	20.8	<10	<5	3.2	<10	<10	<5	0.03	<5	<5	187	<1	
E5205653	0.157	<1	22.8	<10	<5	3.4	<10	<10	<5	0.09	<5	<5	220	<1	
E5205654	0.116	<1	32.3	<10	<5	4.5	<10	<10	<5	0.07	<5	<5	256	<1	
E5205655	0.049	<1	24.8	<10	<5	5.0	<10	<10	<5	0.13	6	<5	203	<1	
E5205656	0.164	<1	15.6	<10	<5	1.4	<10	<10	<5	0.04	<5	<5	138	<1	
E5205657	0.415	<1	15.2	<10	<5	5.3	<10	<10	<5	0.03	<5	<5	129	<1	
E5205658	0.418	<1	23.1	<10	<5	5.5	<10	<10	<5	0.08	<5	<5	202	<1	
E5205659	0.110	<1	25.5	<10	<5	1.8	<10	<10	<5	0.08	6	<5	235	<1	
E5205660	6.96	31	6.7	<10	<5	3.6	<10	<10	8	<0.01	<5	<5	15.2	<1	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U550472

PROJECT NO:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
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 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Nov 17, 2011	DATE RECEIVED: Nov 17, 2011					DATE REPORTED: Dec 14, 2011					SAMPLE TYPE: Rock				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5205661	0.184	<1	19.8	<10	<5	3.1	<10	<10	<5	0.07	<5	<5	173	<1	
E5205662	0.303	<1	31.2	<10	<5	6.1	<10	<10	<5	0.09	<5	<5	254	<1	
E5205663	0.176	<1	25.3	<10	<5	3.5	<10	<10	<5	0.09	<5	<5	205	<1	
E5205664	0.111	<1	24.8	<10	<5	3.6	<10	<10	<5	0.10	<5	<5	205	<1	
E5205665	0.097	<1	26.4	<10	<5	3.6	<10	<10	<5	0.07	<5	<5	248	<1	
E5205666	0.043	<1	23.0	<10	<5	12.0	<10	<10	<5	0.19	7	<5	225	<1	
E5205667	0.296	<1	19.3	<10	<5	53.0	<10	<10	<5	0.26	8	<5	191	<1	
E5205668	0.082	<1	21.2	<10	<5	15.9	<10	<10	<5	0.22	8	<5	210	<1	
E5205669	0.197	<1	24.0	<10	<5	8.4	<10	<10	<5	0.16	6	<5	228	<1	
E5205670	0.007	<1	0.6	<10	<5	1.4	<10	<10	<5	<0.01	<5	<5	0.6	<1	
E5205671	0.873	<1	9.9	<10	<5	3.1	<10	<10	<5	0.05	<5	<5	116	<1	
E5205672	0.318	<1	20.9	<10	<5	8.5	<10	<10	<5	0.05	<5	<5	228	<1	

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AGAT WORK ORDER: 11U550472

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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Nov 17, 2011

DATE RECEIVED: Nov 17, 2011

DATE REPORTED: Dec 14, 2011

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Cu-OL % 0.01	Zn-OL % 0.01
E5205565		7	84.1	<5		
E5205566		7	67.2	<5		
E5205567		8	78.5	<5		
E5205568		9	91.5	<5		
E5205569		7	151	<5		
E5205570		7	153	9		
E5205571		9	136	8		
E5205572		6	81.3	5		
E5205573		10	177	9		
E5205574		8	187	9		
E5205575		9	169	9		
E5205576		10	115	<5		
E5205577		5	117	6		
E5205578		7	158	8		
E5205579		5	96.0	9		
E5205580		9	>10000	34		
E5205581		6	184	10	1.48	
E5205582		12	168	14		
E5205583		21	125	23		
E5205584		9	159	10		
E5205585		6	195	<5	3.94	
E5205586		8	139	<5		
E5205587		23	112	6		
E5205588		21	65.4	13		
E5205589		<1	0.9	<5		
E5205590		23	68.5	14		
E5205591		22	70.2	8		
E5205592		16	69.5	8		
E5205593		10	68.3	13		
E5205594		12	107	13		
E5205595		13	105	12		
E5205596		7	122	6		

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AGAT WORK ORDER: 11U550472

PROJECT NO:

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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Nov 17, 2011	DATE RECEIVED: Nov 17, 2011		DATE REPORTED: Dec 14, 2011		SAMPLE TYPE: Rock	
Analyte:	Y	Zn	Zr	Cu-OL	Zn-OL	
Unit:	ppm	ppm	ppm	%	%	
RDL:	1	0.5	5	0.01	0.01	
E5205597	9	74.3	8			
E5205598	11	68.2	14			
E5205599	3	48.8	<5			
E5205600	4	19.0	6			
E5205601	3	67.5	<5			
E5205602	5	141	7			
E5205603	21	321	<5			
E5205604	12	75.8	5			
E5205605	39	84.2	19			
E5205606	8	223	8			
E5205607	6	112	6			
E5205608	6	20.6	6			
E5205609	8	43.0	7			
E5205610	13	8060	43			
E5205611	8	40.7	<5			
E5205612	10	175	<5			
E5205613	14	175	<5			
E5205614	10	63.1	<5			
E5205615	8	71.6	<5			
E5205616	18	230	<5			
E5205617	10	71.9	<5			
E5205618	13	108	<5			
E5205619	17	137	<5			
E5205620	9	81.1	<5			
E5205621	9	71.1	18			
E5205622	12	97.8	8			
E5205623	11	113	9			
E5205624	9	117	<5			
E5205625	9	83.5	<5			
E5205626	11	137	<5			
E5205627	9	334	<5			
E5205628	11	96.3	<5			

Certified By:



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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Nov 17, 2011

DATE RECEIVED: Nov 17, 2011

DATE REPORTED: Dec 14, 2011

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Cu-OL % 0.01	Zn-OL % 0.01
E5205629		7	272	<5		
E5205630		11	>10000	39		2.69
E5205631		7	230	<5	2.05	
E5205632		14	243	<5		
E5205633		10	208	<5		
E5205634		7	168	<5		
E5205635		2	134	<5		
E5205636		3	163	<5		
E5205637		4	181	<5		
E5205638		4	178	<5		
E5205639		4	125	<5		
E5205640		<1	0.7	<5		
E5205641		4	134	<5		
E5205642		7	172	<5		
E5205643		11	57.8	7		
E5205644		9	693	<5		
E5205645		15	9330	<5		
E5205646		15	943	<5		
E5205647		11	223	<5		
E5205648		11	2030	<5		
E5205649		9	217	<5		
E5205650		10	138	<5		
E5205651		11	193	<5		
E5205652		8	108	<5		
E5205653		12	100	<5		
E5205654		11	106	<5		
E5205655		8	120	<5		
E5205656		6	73.1	<5		
E5205657		12	105	<5		
E5205658		10	125	<5		
E5205659		11	121	<5		
E5205660		12	8170	41		

Certified By:



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AGAT WORK ORDER: 11U550472

PROJECT NO:

5623 McADAM ROAD
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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Nov 17, 2011	DATE RECEIVED: Nov 17, 2011		DATE REPORTED: Dec 14, 2011		SAMPLE TYPE: Rock	
Analyte:	Y	Zn	Zr	Cu-OL	Zn-OL	
Unit:	ppm	ppm	ppm	%	%	
Sample Description	RDL:					
E5205661	7	88.8	<5			
E5205662	11	98.3	<5			
E5205663	7	78.5	<5			
E5205664	7	110	<5			
E5205665	8	206	<5			
E5205666	9	151	<5			
E5205667	10	110	<5			
E5205668	8	124	<5			
E5205669	8	112	<5			
E5205670	<1	0.9	<5			
E5205671	5	70.3	<5			
E5205672	9	190	<5			

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U550472

PROJECT NO:

5623 McADAM ROAD
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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 17, 2011

DATE RECEIVED: Nov 17, 2011

DATE REPORTED: Dec 14, 2011

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5205565		1.38	0.001
E5205566		1.54	0.022
E5205567		1.34	0.001
E5205568		1.52	<0.001
E5205569		1.38	<0.001
E5205570		1.48	0.005
E5205571		1.54	0.005
E5205572		1.42	0.014
E5205573		1.62	0.002
E5205574		1.52	0.007
E5205575		1.52	0.004
E5205576		1.34	0.010
E5205577		1.32	0.010
E5205578		1.50	0.007
E5205579		1.42	0.052
E5205580		0.08	1.38
E5205581		1.14	0.011
E5205582		0.98	0.051
E5205583		1.36	0.008
E5205584		1.40	0.007
E5205585		1.36	0.245
E5205586		1.44	0.019
E5205587		1.18	0.003
E5205588		1.26	0.005
E5205589		1.66	0.003
E5205590		0.08	<0.001
E5205591		1.20	0.003
E5205592		1.28	<0.001
E5205593		0.98	<0.001
E5205594		1.26	<0.001
E5205595		1.54	<0.001

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U550472

PROJECT NO:

5623 McADAM ROAD
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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 17, 2011

DATE RECEIVED: Nov 17, 2011

DATE REPORTED: Dec 14, 2011

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5205596		1.42	0.004
E5205597		1.48	0.038
E5205598		1.24	0.007
E5205599		1.26	0.005
E5205600		1.40	<0.001
E5205601		1.30	0.018
E5205602		1.44	0.248
E5205603		1.36	0.009
E5205604		1.20	0.005
E5205605		0.96	0.002
E5205606		1.16	0.013
E5205607		1.62	0.004
E5205608		0.70	0.003
E5205609		1.18	0.015
E5205610		0.08	0.484
E5205611		0.94	0.008
E5205612		1.54	0.002
E5205613		1.18	<0.001
E5205614		1.28	<0.001
E5205615		0.86	<0.001
E5205616		0.62	<0.001
E5205617		1.32	0.006
E5205618		0.98	0.010
E5205619		0.92	0.001
E5205620		1.16	0.009
E5205621		1.40	0.001
E5205622		1.40	0.001
E5205623		1.46	0.001
E5205624		1.08	0.003
E5205625		1.70	0.014
E5205626		1.50	0.002

Certified By:



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AGAT WORK ORDER: 11U550472

PROJECT NO:

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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 17, 2011

DATE RECEIVED: Nov 17, 2011

DATE REPORTED: Dec 14, 2011

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5205627		1.02	0.002
E5205628		1.58	0.486
E5205629		1.68	0.002
E5205630		0.08	1.40
E5205631		1.22	0.056
E5205632		1.40	<0.001
E5205633		1.82	<0.001
E5205634		1.48	<0.001
E5205635		1.54	0.012
E5205636		1.76	<0.001
E5205637		1.60	0.002
E5205638		1.70	0.001
E5205639		1.46	0.002
E5205640		0.08	<0.001
E5205641		1.40	<0.001
E5205642		0.96	0.009
E5205643		1.02	0.002
E5205644		1.48	0.008
E5205645		1.44	0.014
E5205646		1.08	0.067
E5205647		1.80	0.002
E5205648		1.54	0.009
E5205649		1.78	0.009
E5205650		1.70	<0.001
E5205651		1.40	<0.001
E5205652		1.76	0.030
E5205653		1.52	<0.001
E5205654		1.64	<0.001
E5205655		1.38	<0.001
E5205656		1.46	0.009
E5205657		1.00	<0.001

Certified By:



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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Nov 17, 2011 DATE RECEIVED: Nov 17, 2011 DATE REPORTED: Dec 14, 2011 SAMPLE TYPE: Rock

Sample Description	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5205658		1.56	<0.001
E5205659		1.40	<0.001
E5205660		0.08	0.442
E5205661		1.06	0.002
E5205662		1.34	<0.001
E5205663		1.32	<0.001
E5205664		1.64	<0.001
E5205665		1.42	<0.001
E5205666		2.22	<0.001
E5205667		1.36	0.028
E5205668		1.54	<0.001
E5205669		1.24	<0.001
E5205670		0.08	<0.001
E5205671		1.64	0.002
E5205672		1.42	0.003

Comments: RDL - Reported Detection Limit

Certified By:



Quality Assurance

CLIENT NAME: CENIT CORPORATION

AGAT WORK ORDER: 11U550472

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis											
RPT Date: Dec 14, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2920330	0.003	0.003	0.0%	< 0.001	0.0791	0.0849	93%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2920248	0.003	0.026		< 0.001	0.872	0.922	95%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2920272	< 0.001	< 0.001	0.0%	< 0.001	0.402	0.417	97%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2920297	0.002	0.003		< 0.001	0.2	0.203	99%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2920322	< 0.001	0.008		< 0.001				90%	110%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	2920222	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2920222	4.33	3.76	14.1%	< 0.01				80%	120%
As	1	2920222	10	9	10.5%	< 1				80%	120%
B	1	2920222	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2920222	8	7	13.3%	< 1				80%	120%
Be	1	2920222	0.5	0.5	0.0%	< 0.5				80%	120%
Bi	1	2920222	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2920222	7.61	6.78	11.5%	< 0.01				80%	120%
Cd	1	2920222	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2920222	< 1	< 1	0.0%	< 1				80%	120%
Co	1	2920222	71.7	66.4	7.7%	< 0.5	5.3	5.0	107%	80%	120%
Cr	1	2920222	747	680	9.4%	< 0.5				80%	120%
Cu	1	2920222	111	102	8.5%	< 0.5	3513	3800	92%	80%	120%
Fe	1	2920222	8.51	7.46	13.1%	< 0.01				80%	120%
Ga	1	2920222	7	8	13.3%	< 5				80%	120%
Hg	1	2920222	< 1	< 1	0.0%	< 1				80%	120%
In	1	2920222	< 1	< 1	0.0%	< 1				80%	120%
K	1	2920222	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
La	1	2920222	2	2	0.0%	< 1				80%	120%
Li	1	2920222	16	15	6.5%	< 1				80%	120%
Mg	1	2920222	6.70	6.05	10.2%	< 0.01				80%	120%
Mn	1	2920222	1730	1540	11.6%	< 1				80%	120%
Mo	1	2920222	< 0.5	< 0.5	0.0%	< 0.5	345	380	90%	80%	120%
Na	1	2920222	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ni	1	2920222	641	600	6.6%	< 0.5	7	7	100%	80%	120%
P	1	2920222	213	196	8.3%	< 10				80%	120%
Pb	1	2920222	8.45	7.45	12.6%	0.6				80%	120%
Rb	1	2920222	11	10	9.5%	< 10	12	13	90%	80%	120%
S	1	2920222	0.328	0.287	13.3%	< 0.005	0.85	0.80	106%	80%	120%
Sb	1	2920222	< 1	< 1	0.0%	< 1				80%	120%



Quality Assurance

CLIENT NAME: GENIT CORPORATION

AGAT WORK ORDER: 11U550472

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis (Continued)												
RPT Date: Dec 14, 2011			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
							Lower			Upper		
Sc	1	2920222	15.0	13.3	12.0%	< 0.5				80%	120%	
Se	1	2920222	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	2920222	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	2920222	48.2	44.2	8.7%	1.1	281	290	96%	80%	120%	
Ta	1	2920222	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	2920222	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	2920222	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	2920222	0.13	0.11	16.7%	< 0.01				80%	120%	
Tl	1	2920222	< 5	< 5	0.0%	< 5				80%	120%	
U	1	2920222	< 5	< 5	0.0%	< 5				80%	120%	
V	1	2920222	152	138	9.7%	< 0.5				80%	120%	
W	1	2920222	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	2920222	7	7	0.0%	< 1				80%	120%	
Zn	1	2920222	84.1	76.8	9.1%	< 0.5				80%	120%	
Zr	1	2920222	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	2920272	< 0.2	< 0.2	0.0%	< 0.2				80%	120%	
Al	1	2920272	2.03	2.06	1.5%	< 0.01				80%	120%	
As	1	2920272	6	5	18.2%	< 1				80%	120%	
B	1	2920272	< 5	< 5	0.0%	< 5				80%	120%	
Ba	1	2920272	48	47	2.1%	< 1				80%	120%	
Be	1	2920272	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Bi	1	2920272	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	2920272	1.81	1.83	1.1%	< 0.01				80%	120%	
Cd	1	2920272	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Ce	1	2920272	< 1	1		< 1				80%	120%	
Co	1	2920272	14.1	13.6	3.6%	< 0.5	5.2	5.0	105%	80%	120%	
Cr	1	2920272	146	141	3.5%	< 0.5				80%	120%	
Cu	1	2920272	179	174	2.8%	< 0.5	3771	3800	99%	80%	120%	
Fe	1	2920272	3.59	3.59	0.0%	< 0.01				80%	120%	
Ga	1	2920272	< 5	< 5	0.0%	< 5				80%	120%	
Hg	1	2920272	< 1	< 1	0.0%	< 1				80%	120%	
In	1	2920272	< 1	< 1	0.0%	< 1				80%	120%	
K	1	2920272	0.17	0.17	0.0%	< 0.01				80%	120%	
La	1	2920272	< 1	< 1	0.0%	< 1				80%	120%	
Li	1	2920272	14	14	0.0%	< 1				80%	120%	
Mg	1	2920272	1.68	1.65	1.8%	< 0.01				80%	120%	
Mn	1	2920272	855	815	4.8%	< 1				80%	120%	
Mo	1	2920272	1.0	< 0.5		< 0.5				80%	120%	
Na	1	2920272	0.12	0.12	0.0%	< 0.01				80%	120%	
Ni	1	2920272	46.2	44.9	2.9%	< 0.5	7	7	100%	80%	120%	
P	1	2920272	191	191	0.0%	< 10				80%	120%	
Pb	1	2920272	15.4	15.0	2.6%	< 0.5				80%	120%	
Rb	1	2920272	16	15	6.5%	< 10	14	13	106%	80%	120%	
S	1	2920272	0.081	0.080	1.2%	< 0.005	0.82	0.80	102%	80%	120%	



Quality Assurance

CLIENT NAME: CENIT CORPORATION

AGAT WORK ORDER: 11U550472

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis (Continued)												
RPT Date: Dec 14, 2011			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
Sb	1	2920272	< 1	< 1	0.0%	< 1				80%	120%	
Sc	1	2920272	9.16	8.87	3.2%	< 0.5				80%	120%	
Se	1	2920272	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	2920272	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	2920272	18.6	17.6	5.5%	< 0.5	312	290	107%	80%	120%	
Ta	1	2920272	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	2920272	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	2920272	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	2920272	0.262	0.269	2.6%	< 0.01				80%	120%	
Tl	1	2920272	9	10	10.5%	< 5				80%	120%	
U	1	2920272	< 5	< 5	0.0%	< 5				80%	120%	
V	1	2920272	101	99.5	1.5%	< 0.5				80%	120%	
W	1	2920272	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	2920272	8	8	0.0%	< 1				80%	120%	
Zn	1	2920272	71.6	69.8	2.5%	< 0.5				80%	120%	
Zr	1	2920272	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	2920294	< 0.2	< 0.2	0.0%	< 0.2				80%	120%	
Al	1	2920294	2.17	2.12	2.3%	< 0.01				80%	120%	
As	1	2920294	3	3	0.0%	< 1				80%	120%	
B	1	2920294	< 5	< 5	0.0%	< 5				80%	120%	
Ba	1	2920294	3	3	0.0%	< 1				80%	120%	
Be	1	2920294	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Bi	1	2920294	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	2920294	1.05	0.98	6.9%	< 0.01				80%	120%	
Cd	1	2920294	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Ce	1	2920294	< 1	< 1	0.0%	< 1				80%	120%	
Co	1	2920294	22.5	17.6	24.4%	< 0.5	4.8	5.0	96%	80%	120%	
Cr	1	2920294	109	105	3.7%	< 0.5				80%	120%	
Cu	1	2920294	9.1	10.4	13.3%	< 0.5				80%	120%	
Fe	1	2920294	8.89	8.78	1.2%	< 0.01	1.36	1.31	103%	80%	120%	
Ga	1	2920294	< 5	< 5	0.0%	< 5				80%	120%	
Hg	1	2920294	< 1	< 1	0.0%	< 1	1	1	100%	80%	120%	
In	1	2920294	< 1	< 1	0.0%	< 1				80%	120%	
K	1	2920294	0.01	0.01	0.0%	< 0.01				80%	120%	
La	1	2920294	1	1	0.0%	< 1				80%	120%	
Li	1	2920294	8	8	0.0%	< 1				80%	120%	
Mg	1	2920294	3.17	3.21	1.3%	< 0.01				80%	120%	
Mn	1	2920294	853	839	1.7%	< 1				80%	120%	
Mo	1	2920294	3.1	4.7		< 0.5	343	380	90%	80%	120%	
Na	1	2920294	0.036	0.035	2.8%	< 0.01				80%	120%	
Ni	1	2920294	43.9	42.7	2.8%	< 0.5	8	7	111%	80%	120%	
P	1	2920294	110	114	3.6%	< 10				80%	120%	
Pb	1	2920294	42.9	44.4	3.4%	< 0.5				80%	120%	



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CLIENT NAME: CENIT CORPORATION

AGAT WORK ORDER: 11U550472

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis (Continued)											
RPT Date: Dec 14, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
						Lower				Upper	
Rb	1	2920294	< 10	< 10	0.0%	< 10	12	13	91%	80%	120%
S	1	2920294	0.206	0.216	4.7%	< 0.005	0.87	0.80	109%	80%	120%
Sb	1	2920294	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2920294	6.27	6.09	2.9%	< 0.5				80%	120%
Se	1	2920294	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2920294	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2920294	6.7	5.8	14.4%	0.6				80%	120%
Ta	1	2920294	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2920294	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2920294	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2920294	0.03	0.03	0.0%	< 0.01				80%	120%
Tl	1	2920294	< 5	< 5	0.0%	< 5				80%	120%
U	1	2920294	< 5	< 5	0.0%	< 5				80%	120%
V	1	2920294	146	144	1.4%	< 0.5				80%	120%
W	1	2920294	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2920294	3	3	0.0%	< 1				80%	120%
Zn	1	2920294	163	158	3.1%	< 0.5				80%	120%
Zr	1	2920294	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	2920297	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2920297	4.48	4.28	4.6%	< 0.01				80%	120%
As	1	2920297	5	4	22.2%	< 1				80%	120%
B	1	2920297	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2920297	< 1	< 1	0.0%	< 1				80%	120%
Be	1	2920297	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2920297	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2920297	1.41	1.35	4.3%	< 0.01				80%	120%
Cd	1	2920297	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2920297	< 1	< 1	0.0%	< 1				80%	120%
Co	1	2920297	45.0	45.4	0.9%	< 0.5	5	5.0	100%	80%	120%
Cr	1	2920297	250	259	3.5%	< 0.5				80%	120%
Cu	1	2920297	24.3	24.3	0.0%	< 0.5	3424	3800	90%	80%	120%
Fe	1	2920297	11.2	10.7	4.6%	< 0.01				80%	120%
Ga	1	2920297	5	6	18.2%	< 5				80%	120%
Hg	1	2920297	< 1	< 1	0.0%	< 1	1	1	100%	80%	120%
In	1	2920297	< 1	< 1	0.0%	< 1				80%	120%
K	1	2920297	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
La	1	2920297	< 1	< 1	0.0%	< 1				80%	120%
Li	1	2920297	10	10	0.0%	< 1				80%	120%
Mg	1	2920297	5.70	5.63	1.2%	< 0.01				80%	120%
Mn	1	2920297	1310	1330	1.5%	< 1				80%	120%
Mo	1	2920297	1.1	1.2	8.7%	< 0.5	361	380	95%	80%	120%
Na	1	2920297	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ni	1	2920297	67.1	68.5	2.1%	< 0.5	8	7	117%	80%	120%



Quality Assurance

CLIENT NAME: CENIT CORPORATION

AGAT WORK ORDER: 11U550472

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis (Continued)												
RPT Date: Dec 14, 2011			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
P	1	2920297	99	100	1.0%	< 10				80%	120%	
Pb	1	2920297	6.43	6.13	4.8%	< 0.5				80%	120%	
Rb	1	2920297	< 10	< 10	0.0%	< 10	13	13	102%	80%	120%	
S	1	2920297	0.659	0.620	6.1%	< 0.005	0.85	0.80	106%	80%	120%	
Sb	1	2920297	< 1	< 1	0.0%	< 1				80%	120%	
Sc	1	2920297	24.6	25.1	2.0%	< 0.5				80%	120%	
Se	1	2920297	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	2920297	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	2920297	3.6	3.9	8.0%	< 0.5	287	290	98%	80%	120%	
Ta	1	2920297	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	2920297	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	2920297	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	2920297	0.015	0.017	12.5%	< 0.01				80%	120%	
Tl	1	2920297	< 5	< 5	0.0%	< 5				80%	120%	
U	1	2920297	< 5	< 5	0.0%	< 5				80%	120%	
V	1	2920297	238	244	2.5%	< 0.5				80%	120%	
W	1	2920297	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	2920297	4	4	0.0%	< 1				80%	120%	
Zn	1	2920297	125	132	5.4%	< 0.5				80%	120%	
Zr	1	2920297	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	2920322	< 0.2	< 0.2	0.0%	< 0.2				80%	120%	
Al	1	2920322	4.87	5.26	7.7%	< 0.01				80%	120%	
As	1	2920322	5	6	18.2%	< 1				80%	120%	
B	1	2920322	< 5	< 5	0.0%	< 5				80%	120%	
Ba	1	2920322	8	8	0.0%	< 1				80%	120%	
Be	1	2920322	1.03	1.05	1.9%	< 0.5				80%	120%	
Bi	1	2920322	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	2920322	0.33	0.35	5.9%	< 0.01				80%	120%	
Cd	1	2920322	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Ce	1	2920322	14	16	13.3%	< 1				80%	120%	
Co	1	2920322	28.5	36.4	24.3%	< 0.5	5.6	5.0	111%	80%	120%	
Cr	1	2920322	277	284	2.5%	< 0.5				80%	120%	
Cu	1	2920322	3.4	3.4	0.0%	< 0.5	3820	3800	100%	80%	120%	
Fe	1	2920322	9.48	10.1	6.3%	< 0.01				80%	120%	
Ga	1	2920322	8	7	13.3%	< 5				80%	120%	
Hg	1	2920322	< 1	< 1	0.0%	< 1				80%	120%	
In	1	2920322	< 1	< 1	0.0%	< 1				80%	120%	
K	1	2920322	0.041	0.049	17.8%	< 0.01				80%	120%	
La	1	2920322	10	11	9.5%	< 1				80%	120%	
Li	1	2920322	30	31	3.3%	< 1				80%	120%	
Mg	1	2920322	5.25	5.41	3.0%	< 0.01				80%	120%	
Mn	1	2920322	1490	1490	0.0%	< 1				80%	120%	
Mo	1	2920322	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Na	1	2920322	0.02	0.02	0.0%	< 0.01				80%	120%	



Quality Assurance

CLIENT NAME: CENIT CORPORATION

AGAT WORK ORDER: 11U550472

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis (Continued)												
RPT Date: Dec 14, 2011			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
Ni	1	2920322	88.9	89.2	0.3%	< 0.5				80%	120%	
P	1	2920322	165	162	1.8%	< 10				80%	120%	
Pb	1	2920322	9.3	10.2	9.2%	< 0.5				80%	120%	
Rb	1	2920322	< 10	< 10	0.0%	< 10	13	13	100%	80%	120%	
S	1	2920322	0.111	0.118	6.1%	< 0.005	0.81	0.80	101%	80%	120%	
Sb	1	2920322	< 1	< 1	0.0%	< 1				80%	120%	
Sc	1	2920322	24.8	25.7	3.6%	< 0.5				80%	120%	
Se	1	2920322	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	2920322	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	2920322	3.59	4.77	28.2%	< 0.5	308	290	106%	80%	120%	
Ta	1	2920322	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	2920322	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	2920322	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	2920322	0.098	0.107	8.8%	< 0.01				80%	120%	
Tl	1	2920322	5	5	0.0%	< 5				80%	120%	
U	1	2920322	< 5	< 5	0.0%	< 5				80%	120%	
V	1	2920322	205	209	1.9%	< 0.5				80%	120%	
W	1	2920322	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	2920322	7	7	0.0%	< 1				80%	120%	
Zn	1	2920322	110	112	1.8%	< 0.5				80%	120%	
Zr	1	2920322	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	2920330	< 0.2	< 0.2	0.0%	< 0.2				80%	120%	
Al	1	2920330	5.13	5.37	4.6%	< 0.01				80%	120%	
As	1	2920330	10	8	22.2%	< 1				80%	120%	
B	1	2920330	< 5	< 5	0.0%	< 5				80%	120%	
Ba	1	2920330	181	193	6.4%	< 1				80%	120%	
Be	1	2920330	0.98	0.93	5.2%	< 0.5				80%	120%	
Bi	1	2920330	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	2920330	0.702	0.728	3.6%	< 0.01				80%	120%	
Cd	1	2920330	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Ce	1	2920330	12	13	8.0%	< 1				80%	120%	
Co	1	2920330	38.7	49.5	24.5%	< 0.5	5.4	5.0	109%	80%	120%	
Cr	1	2920330	343	330	3.9%	< 0.5				80%	120%	
Cu	1	2920330	56.0	54.9	2.0%	< 0.5	3625	3800	95%	80%	120%	
Fe	1	2920330	9.42	9.88	4.8%	< 0.01				80%	120%	
Ga	1	2920330	11	8		< 5				80%	120%	
Hg	1	2920330	< 1	< 1	0.0%	< 1				80%	120%	
In	1	2920330	< 1	< 1	0.0%	< 1				80%	120%	
K	1	2920330	0.195	0.204	4.5%	< 0.01				80%	120%	
La	1	2920330	11	10	9.5%	< 1				80%	120%	
Li	1	2920330	34	35	2.9%	< 1				80%	120%	
Mg	1	2920330	4.88	5.11	4.6%	< 0.01				80%	120%	
Mn	1	2920330	1990	1870	6.2%	< 1				80%	120%	



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CLIENT NAME: CENIT CORPORATION

AGAT WORK ORDER: 11U550472

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis (Continued)

RPT Date: Dec 14, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
						Lower				Upper	
Mo	1	2920330	< 0.5	< 0.5	0.0%	< 0.5	357	380	93%	80%	120%
Na	1	2920330	0.02	0.02	0.0%	< 0.01				80%	120%
Ni	1	2920330	114	109	4.5%	< 0.5	7	7	100%	80%	120%
P	1	2920330	168	164	2.4%	< 10				80%	120%
Pb	1	2920330	11.6	12.6	8.3%	< 0.5				80%	120%
Rb	1	2920330	27	25	7.7%	< 10	13	13	103%	80%	120%
S	1	2920330	0.318	0.341	7.0%	< 0.005	0.85	0.80	106%	80%	120%
Sb	1	2920330	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2920330	20.9	20.1	3.9%	< 0.5				80%	120%
Se	1	2920330	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2920330	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2920330	8.5	8.3	2.4%	< 0.5	282	290	97%	80%	120%
Ta	1	2920330	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2920330	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2920330	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2920330	0.05	0.05	0.0%	< 0.01				80%	120%
Tl	1	2920330	4	5	22.2%	< 5				80%	120%
U	1	2920330	< 5	< 5	0.0%	< 5				80%	120%
V	1	2920330	228	220	3.6%	< 0.5				80%	120%
W	1	2920330	< 1	10		< 1				80%	120%
Y	1	2920330	9	8	11.8%	< 1				80%	120%
Zn	1	2920330	190	183	3.8%	< 0.5				80%	120%
Zr	1	2920330	< 5	< 5	0.0%	< 5				80%	120%

Certified By:

Method Summary

CLIENT NAME: GENIT CORPORATION

AGAT WORK ORDER: 11U550472

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Cu-OL	MIN-200-12032		AA
Zn-OL	MIN-200-12032		AA
Sample Login Weight	MIN-12009		BALANCE



Method Summary

CLIENT NAME: GENIT CORPORATION

AGAT WORK ORDER: 11U550472

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



CLIENT NAME: SUPERIOR COPPER CORPORATION
SUITE 2810-130 KING ST W, PO BOX 182
TORONTO, ON M5X1A6

ATTENTION TO: Bruce Edgar

PROJECT NO:

AGAT WORK ORDER: 12U583529

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Mar 29, 2012

PAGES (INCLUDING COVER): 31

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

***NOTES**

VERSION 1: Updated certificate with missing over-limit - March 29, 2012.



Certificate of Analysis

AGAT WORK ORDER: 12U583529

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012

DATE RECEIVED: Mar 16, 2012

DATE REPORTED: Mar 29, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Ag ppm 0.2	Al % 0.01	As ppm 1	B ppm 5	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01
E5205873		2.1	2.74	9	6	11	0.6	<1	4.65	0.8	4	33.4	131	1370	4.55
E5205874		<0.2	3.08	9	8	49	0.8	<1	5.03	<0.5	13	40.1	107	120	6.06
E5205875		<0.2	3.68	10	13	43	0.9	<1	1.99	<0.5	9	40.6	154	170	6.23
E5205876		0.3	1.51	5	<5	99	0.5	<1	1.34	<0.5	17	12.3	106	441	2.11
E5205877		<0.2	2.94	7	6	14	<0.5	<1	7.92	<0.5	14	14.1	215	337	5.07
E5205878		<0.2	2.69	6	6	23	<0.5	<1	5.72	<0.5	16	17.2	170	182	6.99
E5205879		<0.2	3.10	9	10	14	<0.5	<1	4.21	<0.5	4	33.5	369	17.9	6.13
E5205880		29.6	1.03	682	5	43	<0.5	<1	0.13	167	28	5.3	212	1850	11.9
E5205881		<0.2	3.70	6	11	8	<0.5	<1	6.31	<0.5	6	35.5	754	154	6.23
E5205882		<0.2	4.18	9	10	4	<0.5	<1	8.28	<0.5	6	40.9	777	215	6.42
E5205883		2.2	1.98	13	<5	23	<0.5	<1	6.72	0.6	<1	18.5	700	>10000	4.13
E5205884		<0.2	3.43	9	11	6	<0.5	<1	10.6	<0.5	8	37.3	735	333	6.29
E5205885		<0.2	4.68	9	10	34	0.6	<1	6.15	<0.5	8	23.5	373	74.2	8.10
E5205886		<0.2	4.71	13	12	52	0.6	<1	2.83	<0.5	10	24.1	365	492	7.43
E5205887		8.1	2.89	12	6	40	<0.5	<1	1.54	<0.5	<1	26.9	479	>10000	6.42
E5205888		<0.2	3.15	11	14	70	0.6	<1	8.35	<0.5	17	9.5	293	2060	4.90
E5205889		1.4	4.11	10	12	67	0.7	<1	5.58	<0.5	<1	22.4	389	6760	8.01
E5205890		1.8	2.34	14	11	49	0.6	<1	2.01	<0.5	<1	13.5	218	>10000	5.09
E5205891		4.8	2.20	12	10	42	<0.5	<1	4.47	<0.5	<1	15.3	441	>10000	6.17
E5205892		2.4	2.80	10	8	45	<0.5	<1	4.78	<0.5	<1	17.1	491	>10000	6.41
E5205893		<0.2	2.50	11	8	70	<0.5	<1	4.62	<0.5	7	12.0	456	5080	3.60
E5205894		4.3	2.92	33	11	59	<0.5	<1	2.70	<0.5	<1	15.0	357	>10000	6.12
E5205895		<0.2	3.28	21	16	75	1.0	<1	4.37	<0.5	74	20.9	61.8	294	8.72
E5205896		<0.2	1.98	10	7	55	0.8	<1	2.23	<0.5	31	12.0	194	3190	4.73
E5205897		<0.2	2.95	6	10	82	1.2	<1	3.59	<0.5	76	16.7	43.3	197	8.85
E5205898		<0.2	2.81	6	5	117	0.9	<1	2.74	<0.5	68	17.0	37.9	214	8.76
E5205899		<0.2	3.17	4	11	93	1.1	<1	3.21	<0.5	76	14.8	50.7	740	8.83
E5205900		<0.2	0.03	<1	<5	2	<0.5	<1	0.03	<0.5	17	<0.5	0.7	2.8	0.03
E5205901		<0.2	2.77	11	54	140	1.6	<1	2.99	<0.5	54	12.3	47.7	427	7.45
E5205902		<0.2	1.82	16	39	112	1.0	<1	6.62	0.8	46	13.9	83.0	1130	4.57
E5205903		<0.2	0.93	23	13	17	<0.5	<1	22.6	6.9	18	7.9	52.2	465	1.85
E5205904		<0.2	1.04	17	21	43	<0.5	<1	27.3	7.2	21	6.7	33.1	544	1.88

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012	DATE RECEIVED: Mar 16, 2012					DATE REPORTED: Mar 29, 2012					SAMPLE TYPE: Rock				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5205905	<0.2	5.20	17	21	70	1.6	<1	2.13	0.5	25	21.3	164	89.2	7.26	
E5205906	<0.2	2.77	6	<5	33	<0.5	<1	0.88	<0.5	22	9.8	98.0	267	3.53	
E5205907	<0.2	5.45	9	12	41	1.1	<1	1.43	<0.5	7	29.5	170	1110	7.60	
E5205908	<0.2	5.33	9	13	49	1.2	<1	3.23	<0.5	1	27.5	268	295	7.71	
E5205909	<0.2	5.24	8	12	19	1.2	<1	1.46	<0.5	5	40.9	264	135	7.93	
E5205910	18.3	1.03	466	6	45	<0.5	2	0.05	50.6	50	2.4	192	705	7.57	
E5205911	<0.2	4.87	6	11	11	1.0	<1	0.70	<0.5	<1	40.4	230	24.5	8.06	
E5205912	<0.2	3.12	5	9	17	<0.5	<1	3.21	<0.5	11	25.0	125	398	5.77	
E5205913	<0.2	3.95	8	9	35	0.6	<1	3.81	<0.5	10	27.0	261	310	7.20	
E5205914	<0.2	3.25	21	14	40	0.8	<1	12.9	1.0	16	19.6	178	524	5.36	
E5205915	<0.2	4.15	35	28	40	1.5	<1	5.20	<0.5	17	29.4	302	432	6.92	
E5205916	<0.2	3.96	39	16	16	0.8	<1	9.94	<0.5	9	39.6	704	2320	7.25	
E5205917	<0.2	3.78	19	11	69	1.0	<1	4.14	<0.5	53	16.3	125	1070	8.05	
E5205918	<0.2	2.59	10	8	119	0.9	<1	2.39	<0.5	58	15.1	141	881	7.11	
E5205919	<0.2	2.85	8	9	86	1.1	<1	3.18	<0.5	73	16.0	69.6	199	8.73	
E5205920	<0.2	2.70	13	15	70	1.3	<1	2.36	<0.5	78	18.8	41.0	244	8.63	
E5205921	<0.2	3.06	6	13	129	0.7	<1	2.43	<0.5	80	16.0	45.6	875	9.01	
E5205922	<0.2	2.92	19	32	86	1.7	<1	2.29	<0.5	61	14.6	84.4	331	6.57	
E5205923	<0.2	2.80	24	40	91	1.1	<1	3.92	0.9	36	12.8	56.6	1490	3.92	
E5205924	<0.2	2.53	16	36	72	0.8	<1	12.9	1.3	26	11.2	153	547	5.31	
E5205925	<0.2	3.38	8	23	47	0.9	<1	2.08	<0.5	32	22.0	276	523	7.93	
E5205926	<0.2	3.81	9	21	61	0.6	<1	4.54	<0.5	30	16.8	238	237	8.73	
E5205927	<0.2	3.56	8	18	54	0.7	<1	6.63	0.6	29	16.6	152	527	8.83	
E5205928	<0.2	3.26	10	31	53	0.8	<1	7.74	<0.5	26	19.5	114	656	7.14	
E5205929	<0.2	3.06	10	34	56	1.5	<1	3.27	<0.5	28	26.9	135	893	7.26	
E5205930	31.2	0.95	923	10	35	<0.5	4	0.13	169	30	5.2	213	1940	11.4	
E5205931	<0.2	2.64	15	18	40	0.7	<1	1.39	<0.5	22	17.0	163	87.5	3.35	
E5205932	6.1	1.15	26	8	15	<0.5	<1	2.02	<0.5	19	9.1	212	23.9	1.51	
E5205933	<0.2	4.37	10	16	32	0.9	<1	2.87	<0.5	14	35.4	212	36.9	5.88	
E5205934	<0.2	4.18	10	14	52	1.2	<1	6.37	<0.5	4	15.7	209	34.4	6.38	
E5205935	<0.2	4.32	10	8	54	0.8	<1	5.95	<0.5	2	16.7	230	38.9	6.98	
E5205936	<0.2	4.17	11	12	19	0.8	<1	7.03	<0.5	8	33.2	395	82.7	5.91	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012

DATE RECEIVED: Mar 16, 2012

DATE REPORTED: Mar 29, 2012

SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5205937	<0.2	3.34	9	13	64	<0.5	<1	8.93	<0.5	14	23.5	278	206	6.12
E5205938	<0.2	3.76	9	11	41	<0.5	<1	11.8	0.5	12	23.0	242	593	5.80
E5205939	<0.2	2.98	10	9	24	<0.5	<1	9.43	<0.5	12	25.5	233	28.9	5.97
E5205940	<0.2	0.03	<1	<5	2	<0.5	<1	0.03	<0.5	16	<0.5	0.7	2.5	0.03
E5205941	<0.2	4.40	10	18	49	0.6	<1	8.64	<0.5	13	29.2	332	413	6.86
E5205942	<0.2	4.33	12	15	38	0.7	<1	7.54	<0.5	9	28.7	258	783	6.21
E5205943	<0.2	4.33	12	11	36	0.6	<1	6.54	<0.5	12	34.5	255	358	6.36
E5205944	<0.2	4.33	10	13	32	0.6	<1	6.81	<0.5	11	32.8	250	539	6.62
E5205945	<0.2	3.94	12	18	25	0.7	<1	6.42	<0.5	15	31.8	263	95.7	5.77
E5205946	<0.2	4.50	15	15	25	0.7	<1	5.25	<0.5	11	38.6	287	1150	6.82
E5205947	<0.2	3.44	24	14	23	0.5	<1	8.76	<0.5	14	29.6	280	942	5.39
E5205948	0.3	4.36	11	16	26	0.7	<1	6.16	<0.5	5	42.2	344	2080	6.70
E5205949	5.1	2.72	19	<5	17	<0.5	<1	9.42	<0.5	4	21.5	184	7620	4.61
E5205950	12.7	1.33	25	14	33	<0.5	<1	15.8	<0.5	10	27.6	87.2	>10000	8.57
E5205951	2.9	2.81	17	15	62	1.3	<1	9.72	<0.5	94	16.7	54.6	5710	8.08
E5205952	<0.2	3.04	8	8	94	0.9	<1	5.11	<0.5	70	18.6	37.1	496	8.39
E5205953	<0.2	2.94	10	12	99	0.7	<1	2.58	<0.5	74	20.3	35.4	1260	8.99
E5205954	<0.2	2.55	15	25	63	1.1	<1	5.73	<0.5	61	15.5	37.5	324	6.28
E5205955	<0.2	1.20	13	44	53	<0.5	<1	0.57	<0.5	<1	4.1	212	107	0.45
E5205956	<0.2	1.95	11	60	97	0.8	<1	0.77	<0.5	12	6.1	129	817	2.30
E5205957	<0.2	2.24	17	22	75	1.2	2	1.17	0.7	16	35.8	290	1250	4.06
E5205958	0.3	1.74	9	9	51	0.6	<1	0.32	<0.5	12	29.7	219	1120	3.89
E5205959	<0.2	0.94	27	7	18	<0.5	<1	6.15	5.1	15	13.4	205	525	2.12
E5205960	28.7	1.11	820	9	65	<0.5	5	0.13	151	42	5.3	208	1910	11.2
E5205961	<0.2	2.12	13	<5	48	<0.5	<1	0.97	<0.5	11	13.8	227	704	3.38
E5205962	<0.2	0.89	18	<5	27	<0.5	<1	1.03	<0.5	29	4.9	199	387	1.13
E5205963	0.4	0.95	19	<5	16	<0.5	<1	6.28	<0.5	22	11.7	166	1620	1.89
E5205964	<0.2	1.18	17	<5	33	<0.5	<1	5.32	6.3	15	9.0	157	293	1.71
E5205965	<0.2	2.28	14	<5	49	<0.5	<1	0.90	<0.5	16	13.0	130	317	3.54
E5205966	<0.2	2.14	12	6	94	0.6	<1	1.55	<0.5	38	6.4	79.8	1230	2.39
E5205967	<0.2	1.80	9	7	65	0.5	<1	0.91	<0.5	45	8.4	98.0	648	2.36
E5205968	<0.2	1.70	8	5	46	<0.5	2	0.42	<0.5	45	8.9	73.0	506	2.41

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

PROJECT NO:

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 MISSISSAUGA, ONTARIO
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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012

DATE RECEIVED: Mar 16, 2012

DATE REPORTED: Mar 29, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Ag ppm 0.2	Al % 0.01	As ppm 1	B ppm 5	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01
E5205969		<0.2	1.76	10	7	54	<0.5	3	1.09	<0.5	59	6.4	129	181	2.21
E5205970		<0.2	2.93	11	29	88	1.0	<1	1.68	<0.5	41	9.7	73.4	256	3.84
E5205971		<0.2	2.56	12	12	81	0.5	<1	8.56	2.1	44	8.8	65.8	128	2.93
E5205972		<0.2	3.70	7	11	10	<0.5	<1	7.07	<0.5	14	30.0	399	83.8	6.83
E5205973		<0.2	3.45	10	6	20	<0.5	<1	9.43	0.5	19	22.8	258	2620	5.52
E5205974		<0.2	3.02	15	5	20	<0.5	<1	7.23	1.1	17	25.7	252	329	5.26
E5205975		<0.2	2.94	14	<5	21	<0.5	<1	7.04	1.1	17	25.6	256	307	5.06
E5205976		<0.2	4.23	18	6	15	0.5	1	5.49	0.8	18	31.8	328	120	7.00
E5205977		<0.2	4.17	19	<5	14	<0.5	<1	5.38	0.6	17	30.2	320	115	6.91
E5205978		0.9	3.45	13	10	36	<0.5	<1	9.42	0.8	23	28.5	215	3210	6.08
E5205979		0.9	3.31	11	6	32	<0.5	<1	9.21	0.6	22	27.1	203	3010	6.00
E5205980		17.9	1.18	421	<5	70	<0.5	4	0.05	44.9	55	2.3	192	710	7.17
E5205981		0.5	2.70	16	24	55	1.3	<1	5.19	0.8	57	23.1	109	2480	5.91
E5205982		0.3	2.61	15	19	58	1.1	<1	4.94	<0.5	56	21.7	105	2340	6.91
E5205983		2.1	2.69	14	11	29	0.6	<1	9.15	<0.5	17	29.0	390	>10000	5.50
E5205984		2.3	2.70	13	7	26	0.5	<1	9.51	0.6	13	31.5	420	>10000	5.47
E5205985		1.3	2.47	18	11	23	<0.5	<1	7.36	0.7	18	34.0	430	7000	5.47
E5205986		1.3	2.88	17	6	28	<0.5	<1	8.45	<0.5	20	34.1	436	7160	6.37
E5205987		<0.2	2.68	17	39	61	0.8	<1	6.14	<0.5	39	20.6	161	2770	5.22
E5205988		<0.2	2.18	20	48	91	1.1	<1	4.68	<0.5	53	15.4	56.6	1930	4.65
E5205989		1.5	1.88	28	24	48	0.9	<1	7.50	0.8	26	35.5	206	3820	5.23
E5205990		<0.2	1.25	16	<5	23	<0.5	<1	0.55	<0.5	10	12.1	160	637	2.79
E5205991		<0.2	1.30	16	<5	25	<0.5	<1	0.55	<0.5	11	12.7	175	665	2.93
E5205992		<0.2	1.28	16	5	23	<0.5	<1	0.55	<0.5	11	12.9	176	700	2.84
E5205993		<0.2	1.11	22	<5	52	<0.5	<1	0.76	<0.5	24	6.8	251	505	1.74
E5205994		<0.2	1.66	17	<5	33	<0.5	<1	2.26	<0.5	15	13.6	182	908	2.95
E5205995		<0.2	0.03	2	<5	2	<0.5	<1	0.03	<0.5	16	<0.5	0.8	2.8	0.03
E5205996		<0.2	1.46	34	7	52	<0.5	<1	6.90	<0.5	34	7.9	185	613	1.90
E5205997		<0.2	2.17	20	6	56	<0.5	<1	1.89	<0.5	28	11.2	146	195	3.02
E5205998		0.7	4.52	11	17	30	0.9	<1	3.25	0.6	20	30.8	210	719	7.73
E5205999		<0.2	2.70	13	8	56	0.5	2	3.22	<0.5	25	12.6	131	105	3.48

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012

DATE RECEIVED: Mar 16, 2012

DATE REPORTED: Mar 29, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Ga ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Rb ppm
E5205873		8	<1	<1	0.04	2	22	1.90	1320	1.5	<0.01	50.9	258	41.5	11
E5205874		7	<1	<1	0.16	6	26	2.03	1340	<0.5	<0.01	67.4	265	9.8	23
E5205875		13	<1	<1	0.13	7	33	2.60	1520	1.0	<0.01	76.0	277	8.6	21
E5205876		<5	<1	1	0.38	8	10	0.71	481	<0.5	<0.01	22.7	294	15.2	40
E5205877		13	<1	<1	0.04	4	20	3.13	1090	<0.5	0.23	70.6	380	7.9	12
E5205878		13	<1	<1	0.05	5	27	3.51	1690	<0.5	0.09	62.4	477	9.9	12
E5205879		12	<1	<1	0.07	2	30	6.03	1180	1.4	0.18	355	215	7.1	20
E5205880		<5	14	<1	0.26	18	8	0.68	240	6.0	0.01	5.3	44	3270	12
E5205881		13	<1	<1	0.02	2	26	6.60	1490	<0.5	0.05	404	230	6.5	12
E5205882		15	<1	<1	<0.01	2	27	7.09	1760	<0.5	0.04	446	241	5.9	11
E5205883		8	<1	<1	0.11	3	28	1.86	967	1.0	<0.01	187	155	1.2	23
E5205884		13	<1	<1	<0.01	3	27	4.55	2380	<0.5	0.01	457	249	4.7	11
E5205885		16	<1	<1	0.32	4	49	4.08	2720	<0.5	0.05	131	334	10.2	54
E5205886		13	<1	<1	0.43	5	55	3.30	1730	<0.5	0.03	158	354	11.5	64
E5205887		9	<1	<1	0.23	3	31	2.07	969	2.2	0.01	159	256	1.6	29
E5205888		9	<1	<1	0.39	8	18	1.40	1670	<0.5	0.03	102	316	6.0	64
E5205889		16	<1	<1	0.42	3	37	2.94	2220	<0.5	0.02	212	334	3.6	71
E5205890		8	<1	<1	0.34	8	28	1.57	786	2.0	0.02	90.6	425	2.3	37
E5205891		8	<1	<1	0.27	5	22	1.58	922	2.2	0.02	107	176	<0.5	34
E5205892		9	<1	<1	0.35	5	21	1.75	1270	3.7	0.01	201	269	<0.5	55
E5205893		8	<1	2	0.65	5	12	1.02	1020	2.0	0.02	223	316	3.5	99
E5205894		12	<1	<1	0.48	6	23	1.92	1150	1.6	0.02	72.0	496	3.2	66
E5205895		10	<1	<1	0.47	34	36	2.91	1280	2.6	0.07	59.9	1720	10.0	62
E5205896		9	<1	<1	0.23	15	25	1.73	782	3.1	0.04	40.9	733	7.0	32
E5205897		12	<1	<1	0.15	35	33	2.85	1290	1.4	0.10	52.4	1610	8.8	25
E5205898		12	<1	<1	0.20	30	30	2.71	1140	2.7	0.14	54.8	1710	8.5	31
E5205899		13	<1	<1	0.32	34	43	2.71	1030	0.9	0.11	62.8	1610	10.0	46
E5205900		<5	<1	<1	0.01	8	<1	0.02	5	<0.5	<0.01	<0.5	27	<0.5	<10
E5205901		11	<1	<1	0.52	25	92	2.43	1180	0.9	0.07	45.9	1210	17.7	46
E5205902		6	<1	<1	0.40	23	62	1.44	739	0.5	0.04	30.7	914	17.4	31
E5205903		6	<1	<1	0.06	8	23	0.92	1640	1.6	0.01	22.6	94	6.0	17
E5205904		7	<1	<1	0.19	8	26	0.82	1580	1.5	0.03	21.9	184	5.7	31

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012

DATE RECEIVED: Mar 16, 2012

DATE REPORTED: Mar 29, 2012

SAMPLE TYPE: Rock

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5205905	19	<1	<1	0.34	13	145	6.05	1740	1.0	0.08	64.9	185	12.5	53
E5205906	9	<1	<1	0.20	9	36	2.87	742	1.5	0.09	18.9	285	5.7	23
E5205907	16	<1	<1	0.22	5	69	6.46	1490	1.4	0.06	62.4	194	9.7	29
E5205908	15	<1	<1	0.33	2	86	6.68	1610	<0.5	0.07	95.7	198	12.6	59
E5205909	18	<1	<1	0.10	5	95	7.54	1580	1.0	0.08	98.3	193	9.2	21
E5205910	<5	5	<1	0.22	26	7	0.84	194	5.1	0.01	3.7	55	2250	11
E5205911	21	<1	<1	0.03	2	62	6.85	1450	<0.5	0.06	71.8	144	9.6	<10
E5205912	14	<1	<1	0.07	4	16	2.72	1000	<0.5	0.26	58.2	376	17.3	11
E5205913	16	<1	<1	0.11	5	60	4.85	1760	<0.5	0.09	87.4	333	10.4	21
E5205914	15	<1	2	0.27	6	80	3.61	1420	0.7	0.06	65.5	275	12.2	45
E5205915	21	<1	<1	0.23	10	109	4.54	2380	<0.5	0.03	99.3	370	17.2	43
E5205916	16	<1	<1	0.04	5	53	4.73	2900	0.5	0.03	444	270	5.9	15
E5205917	14	<1	<1	0.29	22	45	3.41	1740	0.8	0.13	92.4	1460	12.9	42
E5205918	13	<1	<1	0.22	26	32	2.57	1180	1.3	0.14	51.3	1290	9.1	28
E5205919	13	<1	<1	0.14	33	30	2.88	1250	<0.5	0.16	52.0	1590	9.3	20
E5205920	15	<1	<1	0.10	36	29	2.96	1240	0.5	0.11	61.9	1680	9.8	20
E5205921	12	1	<1	0.31	36	32	2.76	1130	2.1	0.18	59.3	1650	9.1	49
E5205922	12	<1	<1	0.36	27	63	2.36	911	<0.5	0.17	47.5	1310	12.4	41
E5205923	7	<1	<1	0.29	18	52	1.39	807	0.5	0.60	40.1	679	16.4	27
E5205924	10	<1	<1	0.44	9	57	2.15	1310	1.4	0.08	70.0	513	10.4	55
E5205925	13	<1	<1	0.40	13	50	4.10	1470	1.1	0.16	125	951	10.9	68
E5205926	11	<1	<1	0.75	12	48	3.90	1380	<0.5	0.16	110	828	14.6	121
E5205927	10	<1	<1	0.55	11	57	3.75	1390	1.5	0.16	111	832	24.4	87
E5205928	13	<1	<1	0.42	12	49	3.08	1530	<0.5	0.10	97.7	706	13.9	78
E5205929	15	<1	<1	0.39	13	49	3.69	1360	0.8	0.16	110	913	14.9	75
E5205930	5	14	5	0.24	19	8	0.64	252	5.7	0.01	4.7	45	3350	12
E5205931	12	<1	<1	0.29	11	42	2.99	732	<0.5	0.11	49.0	226	11.6	48
E5205932	<5	<1	1	0.21	9	8	0.81	295	1.7	0.08	6.6	111	2.8	21
E5205933	17	<1	<1	0.28	8	74	5.25	1330	<0.5	0.06	71.9	283	13.2	49
E5205934	17	<1	<1	0.22	2	75	5.07	1750	<0.5	0.10	86.2	167	10.0	40
E5205935	13	<1	<1	0.16	2	54	5.17	1740	<0.5	0.09	85.3	173	9.2	24
E5205936	17	<1	<1	0.03	3	64	7.51	1830	<0.5	0.01	296	213	9.8	13

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012	DATE RECEIVED: Mar 16, 2012							DATE REPORTED: Mar 29, 2012				SAMPLE TYPE: Rock			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5205937	13	<1	<1	0.31	6	43	2.77	1860	<0.5	0.06	174	284	8.7	43	
E5205938	13	<1	<1	0.24	5	57	3.02	1750	<0.5	0.02	94.0	268	8.9	32	
E5205939	12	<1	<1	0.17	5	55	3.21	1370	<0.5	0.02	125	251	8.3	25	
E5205940	<5	<1	<1	0.01	8	<1	0.01	4	<0.5	<0.01	<0.5	26	<0.5	<10	
E5205941	16	<1	2	0.32	6	68	3.84	1950	<0.5	0.04	154	287	10.9	44	
E5205942	14	<1	<1	0.29	4	68	3.17	1930	1.1	0.01	153	308	13.7	44	
E5205943	16	<1	<1	0.19	5	67	3.84	2110	<0.5	<0.01	122	267	10.9	34	
E5205944	15	<1	<1	0.38	5	53	3.40	1740	<0.5	0.01	157	312	10.1	53	
E5205945	17	<1	2	0.26	6	56	3.00	1760	<0.5	0.01	179	314	8.6	45	
E5205946	18	<1	2	0.19	7	78	4.21	1580	0.5	<0.01	149	323	9.8	32	
E5205947	15	<1	<1	0.25	7	55	3.06	1740	<0.5	0.01	137	279	8.7	40	
E5205948	19	<1	2	0.23	5	68	3.91	2290	<0.5	<0.01	193	328	8.8	42	
E5205949	10	<1	<1	0.14	6	33	2.45	1130	1.8	<0.01	65.9	166	5.4	23	
E5205950	7	<1	<1	0.05	19	17	1.27	1910	1.7	<0.01	91.7	103	<0.5	13	
E5205951	18	<1	<1	0.12	52	37	2.60	2210	1.0	0.11	61.0	1140	6.4	22	
E5205952	14	<1	<1	0.16	31	40	3.06	1500	2.0	0.16	50.9	1590	8.2	19	
E5205953	15	1	<1	0.19	32	42	3.30	1310	2.8	0.12	58.5	2010	9.8	27	
E5205954	14	<1	<1	0.26	26	77	3.05	1440	2.0	0.07	42.9	1300	10.4	34	
E5205955	<5	<1	1	0.28	<1	35	0.67	58	1.6	0.02	3.3	24	1.1	12	
E5205956	<5	<1	<1	0.46	6	56	1.24	352	1.3	0.03	31.9	265	8.1	27	
E5205957	13	<1	<1	0.48	8	48	1.26	734	0.7	0.02	194	380	9.7	92	
E5205958	6	<1	<1	0.26	6	34	1.22	590	1.9	0.01	118	255	11.6	31	
E5205959	5	<1	2	0.11	5	11	0.74	660	2.2	<0.01	36.8	120	19.6	20	
E5205960	5	14	5	0.30	19	8	0.64	251	6.0	0.02	4.6	55	3260	14	
E5205961	6	<1	<1	0.36	4	16	1.31	699	1.0	<0.01	60.0	148	6.8	38	
E5205962	<5	<1	<1	0.27	13	6	0.45	270	1.0	<0.01	21.6	207	3.0	27	
E5205963	7	<1	<1	0.11	11	9	0.80	794	0.9	<0.01	33.8	82	6.1	19	
E5205964	6	<1	<1	0.17	7	11	0.75	609	1.1	<0.01	25.9	234	5.3	29	
E5205965	7	<1	<1	0.27	7	22	1.90	849	<0.5	0.01	31.0	161	4.6	30	
E5205966	7	<1	2	0.58	18	13	1.12	617	0.9	0.04	9.6	517	3.7	71	
E5205967	8	<1	2	0.39	21	14	1.13	640	0.8	0.04	5.0	523	2.0	57	
E5205968	9	<1	2	0.26	21	10	1.14	487	7.1	0.05	7.0	529	3.3	33	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012

DATE RECEIVED: Mar 16, 2012

DATE REPORTED: Mar 29, 2012

SAMPLE TYPE: Rock

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5205969	8	<1	2	0.36	28	12	1.05	568	2.0	0.05	5.8	503	1.2	47
E5205970	9	<1	<1	0.59	19	38	1.88	634	0.8	0.04	8.9	878	6.9	59
E5205971	8	<1	3	0.54	25	29	1.42	754	1.5	0.02	6.3	853	4.4	75
E5205972	20	<1	<1	0.04	4	36	5.87	1650	0.7	0.07	230	341	6.4	15
E5205973	14	<1	<1	0.17	7	36	3.05	1480	1.3	<0.01	94.3	332	4.6	33
E5205974	12	<1	<1	0.17	5	31	2.65	1470	1.6	<0.01	129	375	30.1	29
E5205975	13	<1	<1	0.18	5	32	2.69	1440	1.4	<0.01	133	372	28.6	32
E5205976	19	<1	<1	0.07	6	35	4.79	1530	1.0	0.04	155	445	13.5	15
E5205977	18	<1	<1	0.07	5	35	4.73	1480	1.2	0.04	151	423	12.9	15
E5205978	15	<1	3	0.19	9	37	3.34	1800	1.1	0.02	90.0	471	7.0	30
E5205979	14	<1	<1	0.17	8	36	3.28	1710	0.9	0.02	86.0	442	6.0	26
E5205980	<5	5	2	0.28	25	7	0.87	194	4.8	0.01	3.7	66	2130	13
E5205981	17	<1	6	0.22	26	42	2.34	1440	0.5	0.03	95.1	1440	18.9	43
E5205982	14	<1	<1	0.28	25	49	2.73	1350	2.5	0.04	91.2	1350	15.6	44
E5205983	15	<1	4	0.20	12	33	2.09	1830	0.9	0.02	280	435	<0.5	37
E5205984	16	<1	<1	0.21	11	33	1.97	1940	0.9	0.02	307	383	0.6	37
E5205985	17	<1	<1	0.09	12	35	2.41	1650	2.4	0.02	276	372	11.6	19
E5205986	17	<1	<1	0.11	12	38	2.62	1660	2.5	0.02	279	373	12.0	20
E5205987	13	<1	<1	0.32	18	59	2.70	1370	1.1	0.04	89.4	864	10.0	34
E5205988	10	<1	3	0.35	25	71	2.37	1210	2.3	0.05	25.9	1200	10.8	31
E5205989	12	<1	<1	0.17	15	53	2.21	1760	2.0	0.02	85.8	245	11.3	20
E5205990	<5	<1	2	0.14	5	14	0.99	549	1.1	<0.01	34.1	207	12.1	15
E5205991	5	<1	3	0.16	5	15	1.00	593	1.5	<0.01	36.6	219	12.9	17
E5205992	6	<1	3	0.15	5	15	1.00	610	1.1	<0.01	37.4	221	12.8	17
E5205993	<5	<1	<1	0.34	9	8	0.55	384	0.9	0.01	15.2	163	3.6	43
E5205994	6	<1	<1	0.19	7	25	1.22	689	0.7	<0.01	59.6	142	6.3	24
E5205995	<5	<1	<1	0.01	8	<1	0.01	5	<0.5	<0.01	<0.5	30	0.6	<10
E5205996	6	<1	<1	0.28	24	12	0.88	1360	1.2	0.01	18.2	184	5.9	37
E5205997	7	<1	1	0.26	13	21	1.31	920	<0.5	<0.01	43.3	299	4.4	28
E5205998	17	<1	2	0.19	8	70	4.20	2270	1.2	0.01	96.0	421	10.7	23
E5205999	12	<1	<1	0.23	10	21	1.52	1270	0.6	<0.01	49.9	522	5.3	38

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012	DATE RECEIVED: Mar 16, 2012					DATE REPORTED: Mar 29, 2012					SAMPLE TYPE: Rock				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5205873	0.201	<1	11.5	<10	<5	70.5	<10	<10	<5	0.33	15	<5	108	<1	
E5205874	0.057	<1	12.4	<10	<5	42.2	<10	<10	<5	0.05	6	<5	119	<1	
E5205875	0.168	1	14.7	<10	<5	27.5	<10	<10	<5	0.11	10	<5	148	<1	
E5205876	0.079	2	3.2	<10	<5	11.1	<10	<10	<5	<0.01	6	<5	29.5	<1	
E5205877	0.091	<1	14.1	<10	<5	80.7	<10	<10	<5	0.57	23	<5	187	<1	
E5205878	0.065	<1	17.7	<10	<5	33.6	<10	<10	<5	0.55	24	<5	196	<1	
E5205879	0.043	<1	6.6	<10	<5	42.0	<10	<10	<5	0.21	11	<5	96.8	<1	
E5205880	12.2	39	6.8	22	<5	2.6	<10	41	<5	<0.01	<5	<5	16.3	99	
E5205881	0.071	<1	6.5	<10	<5	48.4	<10	<10	<5	0.35	16	<5	133	<1	
E5205882	0.089	<1	8.3	<10	<5	63.6	<10	<10	<5	0.33	15	<5	151	<1	
E5205883	0.415	<1	6.3	<10	<5	29.6	<10	<10	<5	0.11	7	<5	107	<1	
E5205884	0.120	<1	11.5	<10	<5	59.9	<10	<10	<5	0.26	12	<5	143	<1	
E5205885	0.064	<1	19.0	<10	<5	45.0	<10	<10	<5	0.48	22	<5	195	<1	
E5205886	0.169	<1	18.0	<10	<5	43.3	<10	<10	<5	0.41	20	<5	187	<1	
E5205887	0.658	<1	9.9	<10	<5	20.0	<10	<10	<5	0.17	12	<5	165	<1	
E5205888	0.201	<1	15.0	<10	<5	88.8	<10	<10	<5	0.25	12	<5	153	<1	
E5205889	0.308	<1	17.2	<10	<5	34.7	<10	<10	<5	0.37	18	<5	205	<1	
E5205890	0.729	<1	10.9	<10	<5	17.0	<10	<10	<5	0.29	14	<5	149	<1	
E5205891	1.21	1	8.2	<10	<5	21.4	<10	<10	<5	0.09	8	<5	189	<1	
E5205892	1.17	<1	11.0	<10	<5	33.4	<10	<10	<5	0.25	14	<5	178	<1	
E5205893	0.711	<1	11.5	<10	<5	37.8	<10	<10	<5	0.24	13	<5	103	<1	
E5205894	2.25	<1	15.4	<10	<5	17.5	<10	<10	<5	0.40	19	<5	178	<1	
E5205895	0.522	<1	14.8	<10	<5	47.5	<10	<10	<5	0.54	26	<5	247	<1	
E5205896	0.383	<1	13.2	<10	<5	21.4	<10	<10	<5	0.52	20	<5	157	<1	
E5205897	0.168	<1	16.8	<10	<5	44.3	<10	<10	<5	0.73	33	<5	232	<1	
E5205898	0.138	<1	15.9	<10	<5	54.5	<10	<10	<5	0.88	38	<5	235	<1	
E5205899	0.058	<1	18.1	<10	<5	41.1	<10	<10	<5	0.95	44	<5	275	<1	
E5205900	0.008	<1	0.6	<10	<5	2.5	<10	<10	<5	<0.01	<5	<5	0.9	<1	
E5205901	0.033	<1	13.9	<10	<5	33.3	<10	<10	<5	0.61	29	<5	175	<1	
E5205902	0.067	1	11.0	<10	<5	33.6	<10	<10	<5	0.17	9	<5	89.9	<1	
E5205903	0.253	8	4.3	<10	13	47.8	<10	<10	<5	0.02	<5	<5	42.9	<1	
E5205904	0.335	6	6.3	<10	21	63.7	<10	<10	<5	0.07	<5	<5	39.2	<1	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012	DATE RECEIVED: Mar 16, 2012					DATE REPORTED: Mar 29, 2012					SAMPLE TYPE: Rock				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5205905	0.021	<1	20.4	<10	<5	31.1	<10	<10	<5	0.13	10	<5	145	<1	
E5205906	0.016	<1	8.3	<10	<5	14.0	<10	<10	<5	0.03	5	<5	59.7	<1	
E5205907	0.058	<1	21.9	18	<5	8.2	<10	<10	<5	0.06	9	<5	175	<1	
E5205908	0.042	<1	26.1	<10	<5	20.4	<10	<10	<5	0.08	7	<5	219	<1	
E5205909	0.036	<1	28.1	<10	<5	11.0	<10	<10	<5	0.01	6	<5	241	<1	
E5205910	7.18	32	7.8	13	<5	6.3	<10	16	<5	<0.01	<5	<5	12.5	<1	
E5205911	0.010	<1	22.5	<10	<5	8.8	<10	<10	<5	0.10	9	<5	194	<1	
E5205912	0.066	<1	10.1	<10	<5	101	<10	<10	<5	0.52	23	<5	163	<1	
E5205913	0.045	<1	16.7	<10	<5	21.3	<10	<10	<5	0.33	17	<5	206	<1	
E5205914	0.132	2	11.6	<10	<5	38.1	<10	<10	<5	0.22	9	<5	125	<1	
E5205915	0.054	<1	17.1	<10	<5	31.3	<10	<10	<5	0.33	15	<5	181	<1	
E5205916	0.251	<1	17.2	<10	<5	49.6	<10	<10	<5	0.35	16	<5	182	<1	
E5205917	0.413	<1	19.7	<10	<5	40.1	<10	<10	<5	1.05	43	<5	241	<1	
E5205918	0.121	<1	20.5	<10	<5	33.4	<10	<10	<5	0.77	32	<5	235	<1	
E5205919	0.111	<1	18.3	<10	<5	83.3	<10	<10	<5	0.88	39	<5	253	<1	
E5205920	0.144	<1	18.2	<10	<5	71.5	<10	<10	<5	0.87	34	<5	259	<1	
E5205921	0.099	<1	14.9	<10	<5	56.4	<10	<10	<5	0.91	40	<5	267	<1	
E5205922	0.025	<1	15.9	<10	<5	33.5	<10	<10	<5	0.74	30	<5	199	<1	
E5205923	0.041	1	9.4	<10	<5	26.9	<10	<10	<5	0.18	10	<5	76.4	<1	
E5205924	0.141	<1	11.7	<10	<5	60.8	<10	<10	<5	0.37	14	<5	116	<1	
E5205925	0.029	<1	23.5	<10	<5	39.3	<10	<10	<5	0.69	27	<5	254	<1	
E5205926	0.048	<1	21.2	<10	<5	48.9	<10	<10	<5	0.68	31	<5	225	<1	
E5205927	0.069	<1	20.2	<10	<5	57.2	<10	<10	<5	0.64	28	<5	215	<1	
E5205928	0.095	<1	18.7	<10	<5	48.6	<10	<10	<5	0.27	13	<5	192	<1	
E5205929	0.070	<1	26.1	<10	<5	42.6	<10	<10	<5	0.54	21	<5	268	<1	
E5205930	11.3	39	6.9	42	<5	4.1	<10	40	<5	<0.01	<5	6	15.6	108	
E5205931	0.016	2	14.8	<10	<5	14.2	<10	<10	<5	0.10	8	<5	112	<1	
E5205932	0.021	3	3.9	<10	<5	8.5	<10	<10	<5	0.02	7	<5	14.7	<1	
E5205933	0.029	<1	21.7	<10	<5	17.4	<10	<10	<5	0.08	8	<5	162	<1	
E5205934	0.064	<1	25.5	<10	<5	28.4	<10	<10	<5	0.28	14	<5	177	<1	
E5205935	0.058	<1	24.7	<10	<5	30.2	<10	<10	<5	0.17	11	<5	193	<1	
E5205936	0.068	<1	16.6	<10	<5	51.3	<10	<10	<5	0.37	17	<5	146	<1	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

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5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012	DATE RECEIVED: Mar 16, 2012					DATE REPORTED: Mar 29, 2012					SAMPLE TYPE: Rock				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5205937	0.099	1	14.2	<10	<5	48.9	<10	<10	<5	0.21	10	<5	175	<1	
E5205938	0.136	3	10.2	<10	<5	58.5	<10	<10	<5	0.05	<5	<5	152	<1	
E5205939	0.097	1	8.0	<10	<5	40.7	<10	<10	<5	0.11	7	<5	131	<1	
E5205940	0.007	<1	0.5	<10	<5	2.3	<10	<10	<5	<0.01	<5	<5	<0.5	<1	
E5205941	0.114	<1	12.1	<10	<5	39.9	<10	<10	<5	0.10	6	<5	174	<1	
E5205942	0.253	<1	13.5	<10	<5	29.9	<10	<10	<5	0.23	11	<5	176	<1	
E5205943	0.203	<1	13.6	<10	<5	32.5	<10	<10	<5	0.27	13	<5	157	<1	
E5205944	0.129	<1	12.9	<10	<5	32.7	<10	<10	<5	0.18	11	<5	162	<1	
E5205945	0.066	2	14.1	<10	<5	31.7	<10	<10	<5	0.17	10	<5	155	<1	
E5205946	0.178	1	12.8	<10	<5	26.2	<10	<10	<5	0.04	7	<5	166	<1	
E5205947	0.688	3	10.0	<10	<5	34.6	<10	<10	<5	0.03	5	<5	132	<1	
E5205948	0.386	3	11.9	<10	<5	31.6	<10	<10	<5	0.01	7	<5	162	<1	
E5205949	0.296	1	7.2	<10	<5	29.2	<10	<10	<5	0.01	<5	<5	120	<1	
E5205950	0.754	3	9.2	<10	<5	48.8	<10	<10	<5	0.09	<5	<5	189	<1	
E5205951	0.481	<1	20.4	<10	<5	49.0	<10	<10	<5	0.79	32	<5	245	<1	
E5205952	0.113	<1	18.1	<10	<5	57.0	<10	<10	<5	0.67	31	<5	240	<1	
E5205953	0.102	<1	22.2	<10	<5	55.2	<10	<10	<5	0.92	31	<5	282	<1	
E5205954	0.068	<1	14.7	<10	<5	41.0	<10	<10	<5	0.54	21	<5	179	<1	
E5205955	0.010	2	<0.5	<10	<5	13.5	<10	<10	<5	<0.01	<5	<5	7.0	<1	
E5205956	0.009	1	4.3	<10	<5	17.0	<10	<10	<5	0.04	6	<5	48.8	<1	
E5205957	0.016	4	12.6	<10	<5	21.5	<10	<10	<5	0.08	7	<5	164	<1	
E5205958	<0.005	<1	6.3	<10	<5	12.0	<10	<10	<5	0.02	<5	<5	109	<1	
E5205959	0.074	6	6.0	<10	<5	10.9	<10	<10	<5	0.01	5	<5	66.1	<1	
E5205960	11.7	46	7.2	32	<5	9.9	<10	46	<5	<0.01	<5	<5	11.5	126	
E5205961	0.014	1	6.7	<10	<5	5.8	<10	<10	<5	0.01	6	<5	77.8	<1	
E5205962	0.016	3	2.6	<10	<5	8.2	<10	<10	<5	<0.01	6	<5	30.4	<1	
E5205963	0.103	6	4.5	<10	<5	17.8	<10	<10	<5	<0.01	5	<5	51.0	<1	
E5205964	0.063	6	4.1	<10	<5	13.2	<10	<10	<5	<0.01	5	<5	39.7	<1	
E5205965	0.013	1	4.9	<10	<5	8.4	<10	<10	<5	<0.01	5	<5	50.9	<1	
E5205966	0.050	3	3.2	<10	<5	17.6	<10	<10	<5	0.01	6	<5	29.3	<1	
E5205967	0.047	3	4.1	<10	<5	11.6	<10	<10	<5	<0.01	6	<5	29.1	<1	
E5205968	0.122	3	5.0	<10	<5	8.5	<10	<10	<5	<0.01	<5	<5	36.2	<1	

Certified By:



Certificate of Analysis

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012	DATE RECEIVED: Mar 16, 2012					DATE REPORTED: Mar 29, 2012					SAMPLE TYPE: Rock				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5205969	0.054	5	4.7	<10	<5	11.1	<10	<10	<5	<0.01	7	<5	35.1	<1	
E5205970	0.025	2	4.8	<10	<5	21.1	<10	<10	<5	<0.01	6	<5	45.4	<1	
E5205971	0.100	7	3.6	<10	<5	27.8	<10	<10	<5	<0.01	<5	<5	33.3	<1	
E5205972	0.085	1	20.5	<10	<5	44.6	<10	<10	<5	0.45	15	<5	220	<1	
E5205973	0.203	4	11.5	<10	<5	60.1	<10	<10	<5	0.23	7	<5	125	<1	
E5205974	0.323	5	9.2	<10	<5	38.7	<10	<10	<5	0.02	5	<5	117	<1	
E5205975	0.320	4	9.3	<10	<5	38.8	<10	<10	<5	0.02	<5	<5	118	<1	
E5205976	0.566	4	16.4	<10	<5	38.6	<10	<10	<5	0.04	7	<5	214	<1	
E5205977	0.567	3	15.8	<10	<5	38.2	<10	<10	<5	0.04	7	<5	207	<1	
E5205978	0.183	6	12.5	<10	<5	72.1	<10	<10	<5	0.02	<5	<5	165	<1	
E5205979	0.174	4	11.8	<10	<5	71.5	<10	<10	<5	0.02	<5	<5	156	<1	
E5205980	7.13	37	8.1	24	<5	9.1	<10	15	<5	<0.01	<5	<5	8.9	<1	
E5205981	0.145	4	18.0	<10	<5	38.0	<10	<10	<5	0.45	16	<5	195	<1	
E5205982	0.155	2	17.4	<10	<5	42.8	<10	<10	<5	0.45	16	<5	190	<1	
E5205983	0.386	4	12.2	<10	<5	44.9	<10	<10	<5	0.07	<5	<5	135	<1	
E5205984	0.425	4	11.3	<10	<5	42.7	<10	<10	<5	0.04	<5	<5	128	<1	
E5205985	0.302	3	12.2	<10	<5	33.5	<10	<10	<5	0.14	8	<5	160	<1	
E5205986	0.357	3	12.5	<10	<5	32.8	<10	<10	<5	0.16	8	<5	161	<1	
E5205987	0.143	3	12.5	<10	<5	45.6	<10	<10	<5	0.15	8	<5	137	<1	
E5205988	0.060	4	11.4	<10	<5	39.7	<10	<10	<5	0.15	9	<5	121	<1	
E5205989	0.098	3	8.2	<10	<5	33.6	<10	<10	<5	0.07	5	<5	103	<1	
E5205990	0.008	2	3.9	<10	<5	6.7	<10	<10	<5	<0.01	5	<5	52.9	<1	
E5205991	0.008	3	4.4	<10	<5	6.0	<10	<10	<5	<0.01	5	<5	58.0	<1	
E5205992	0.008	3	4.3	<10	<5	6.6	<10	<10	<5	<0.01	6	<5	58.3	<1	
E5205993	0.011	3	4.4	<10	<5	10.4	<10	<10	<5	<0.01	6	<5	43.0	<1	
E5205994	0.026	4	5.2	<10	<5	12.0	<10	<10	<5	0.01	6	<5	69.3	<1	
E5205995	0.007	<1	0.5	<10	<5	2.3	<10	<10	<5	<0.01	<5	<5	<0.5	<1	
E5205996	0.082	6	2.8	<10	<5	31.4	<10	<10	<5	<0.01	<5	<5	30.7	<1	
E5205997	0.021	4	5.1	<10	<5	40.5	<10	<10	<5	0.04	7	<5	44.4	<1	
E5205998	0.042	1	16.6	<10	<5	40.7	<10	<10	<5	0.13	10	7	181	<1	
E5205999	0.036	6	10.5	<10	<5	53.7	<10	<10	<5	0.21	10	<5	90.6	<1	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012	DATE RECEIVED: Mar 16, 2012		DATE REPORTED: Mar 29, 2012		SAMPLE TYPE: Rock	
Analyte:	Y	Zn	Zr	Cu-OL	Zn-OL	
Unit:	ppm	ppm	ppm	%	%	
RDL:	1	0.5	5	0.01	0.05	
E5205873	6	216	6			
E5205874	14	153	<5			
E5205875	10	138	6			
E5205876	4	67.1	8			
E5205877	13	65.0	21			
E5205878	16	78.3	25			
E5205879	7	64.7	6			
E5205880	11	>10000	39		2.69	
E5205881	9	86.6	8			
E5205882	9	114	<5			
E5205883	5	131	<5	1.16		
E5205884	9	157	<5			
E5205885	13	233	7			
E5205886	12	197	8			
E5205887	7	142	13	2.35		
E5205888	12	78.6	7			
E5205889	12	147	13			
E5205890	9	93.9	19	1.6		
E5205891	5	72.8	9	2.44		
E5205892	8	81.5	14	1.69		
E5205893	8	59.4	18			
E5205894	11	81.0	28	2.09		
E5205895	21	51.5	15			
E5205896	11	63.7	24			
E5205897	20	59.8	25			
E5205898	20	54.5	25			
E5205899	23	57.3	18			
E5205900	<1	0.8	<5			
E5205901	18	61.9	15			
E5205902	13	106	22			
E5205903	7	49.9	<5			
E5205904	9	56.4	<5			

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Certificate of Analysis

AGAT WORK ORDER: 12U583529

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012	DATE RECEIVED: Mar 16, 2012		DATE REPORTED: Mar 29, 2012		SAMPLE TYPE: Rock	
Analyte:	Y	Zn	Zr	Cu-OL	Zn-OL	
Unit:	ppm	ppm	ppm	%	%	
RDL:	1	0.5	5	0.01	0.05	
E5205905	20	157	<5			
E5205906	8	87.0	24			
E5205907	12	120	9			
E5205908	16	94.8	<5			
E5205909	12	117	<5			
E5205910	13	8630	46			
E5205911	9	104	<5			
E5205912	12	55.6	19			
E5205913	12	122	9			
E5205914	10	113	9			
E5205915	11	167	13			
E5205916	9	95.4	14			
E5205917	18	72.0	31			
E5205918	19	69.4	33			
E5205919	20	58.6	15			
E5205920	21	62.0	20			
E5205921	23	47.6	14			
E5205922	19	62.4	21			
E5205923	10	159	13			
E5205924	11	88.9	15			
E5205925	16	144	31			
E5205926	16	130	25			
E5205927	16	117	21			
E5205928	17	151	15			
E5205929	21	101	26			
E5205930	11	>10000	40		3.04	
E5205931	10	75.8	16			
E5205932	6	22.9	16			
E5205933	14	110	8			
E5205934	14	86.7	<5			
E5205935	13	91.4	<5			
E5205936	9	75.6	10			

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Certificate of Analysis

AGAT WORK ORDER: 12U583529

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012	DATE RECEIVED: Mar 16, 2012		DATE REPORTED: Mar 29, 2012		SAMPLE TYPE: Rock	
Analyte:	Y	Zn	Zr	Cu-OL	Zn-OL	
Unit:	ppm	ppm	ppm	%	%	
RDL:	1	0.5	5	0.01	0.05	
E5205937	12	87.3	5			
E5205938	10	110	<5			
E5205939	10	72.4	<5			
E5205940	<1	0.6	<5			
E5205941	12	113	<5			
E5205942	11	115	9			
E5205943	14	121	7			
E5205944	12	106	6			
E5205945	13	111	7			
E5205946	13	138	<5			
E5205947	16	112	<5			
E5205948	11	191	<5			
E5205949	6	119	<5			
E5205950	12	59.5	6	1.74		
E5205951	23	52.2	30			
E5205952	21	57.1	24			
E5205953	23	60.1	37			
E5205954	18	58.3	21			
E5205955	<1	5.6	<5			
E5205956	5	56.9	7			
E5205957	10	126	16			
E5205958	7	150	10			
E5205959	9	123	<5			
E5205960	11	>10000	41		2.82	
E5205961	4	102	<5			
E5205962	7	37.5	6			
E5205963	10	70.6	<5			
E5205964	7	63.7	5			
E5205965	5	101	10			
E5205966	9	50.9	9			
E5205967	9	66.9	15			
E5205968	8	56.4	16			

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Certificate of Analysis

AGAT WORK ORDER: 12U583529

PROJECT NO:

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012	DATE RECEIVED: Mar 16, 2012		DATE REPORTED: Mar 29, 2012		SAMPLE TYPE: Rock	
Analyte:	Y	Zn	Zr	Cu-OL	Zn-OL	
Unit:	ppm	ppm	ppm	%	%	
RDL:	1	0.5	5	0.01	0.05	
Sample Description						
E5205969	9	51.3	16			
E5205970	8	112	12			
E5205971	9	84.6	8			
E5205972	13	69.7	12			
E5205973	11	61.6	8			
E5205974	10	111	5			
E5205975	10	114	5			
E5205976	11	100	6			
E5205977	11	98.4	5			
E5205978	11	91.4	<5			
E5205979	11	86.4	<5			
E5205980	13	7900	48			
E5205981	19	106	40			
E5205982	18	102	36			
E5205983	11	86.9	15	1.22		
E5205984	10	89.1	12	1.24		
E5205985	10	160	15			
E5205986	10	159	16			
E5205987	14	102	20			
E5205988	17	69.0	23			
E5205989	10	204	7			
E5205990	5	140	<5			
E5205991	5	146	5			
E5205992	6	150	<5			
E5205993	6	54.7	<5			
E5205994	5	104	<5			
E5205995	<1	0.8	<5			
E5205996	8	58.8	<5			
E5205997	9	69.8	<5			
E5205998	14	201	<5			
E5205999	11	79.2	5			

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AGAT Laboratories

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AGAT WORK ORDER: 12U583529

PROJECT NO:

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

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

DATE SAMPLED: Mar 16, 2012

DATE RECEIVED: Mar 16, 2012

DATE REPORTED: Mar 29, 2012

SAMPLE TYPE: Rock

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Mar 16, 2012

DATE RECEIVED: Mar 16, 2012

DATE REPORTED: Mar 29, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5205873		1.40	0.006
E5205874		1.38	0.002
E5205875		1.60	0.002
E5205876		1.32	0.002
E5205877		0.66	0.004
E5205878		1.72	0.002
E5205879		0.86	<0.001
E5205880		0.08	1.26
E5205881		1.66	0.008
E5205882		1.78	0.001
E5205883		1.54	0.100
E5205884		1.88	<0.001
E5205885		1.42	<0.001
E5205886		1.32	<0.001
E5205887		0.86	0.069
E5205888		0.78	0.009
E5205889		1.30	0.018
E5205890		1.44	0.044
E5205891		0.92	0.054
E5205892		1.44	0.087
E5205893		1.20	0.010
E5205894		1.62	0.027
E5205895		1.34	<0.001
E5205896		1.58	0.002
E5205897		1.20	0.001
E5205898		1.46	0.008
E5205899		1.28	0.001
E5205900		0.08	<0.001
E5205901		1.14	<0.001
E5205902		1.32	<0.001
E5205903		1.44	0.007

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

PROJECT NO:

5623 McADAM ROAD
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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Mar 16, 2012

DATE RECEIVED: Mar 16, 2012

DATE REPORTED: Mar 29, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5205904		1.34	0.002
E5205905		1.64	0.002
E5205906		1.46	0.007
E5205907		1.56	0.030
E5205908		1.66	0.003
E5205909		1.26	0.010
E5205910		0.08	0.425
E5205911		0.80	0.001
E5205912		1.16	0.001
E5205913		1.54	<0.001
E5205914		1.50	0.002
E5205915		1.60	0.043
E5205916		1.88	0.011
E5205917		1.24	0.008
E5205918		1.08	<0.001
E5205919		1.30	<0.001
E5205920		1.62	<0.001
E5205921		1.62	<0.001
E5205922		1.08	<0.001
E5205923		1.76	<0.001
E5205924		1.78	0.014
E5205925		1.66	<0.001
E5205926		1.18	0.005
E5205927		1.66	0.004
E5205928		1.58	0.027
E5205929		1.58	0.006
E5205930		0.08	1.35
E5205931		1.34	0.008
E5205932		1.32	<0.001
E5205933		1.46	0.003
E5205934		1.64	<0.001

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Mar 16, 2012 DATE RECEIVED: Mar 16, 2012 DATE REPORTED: Mar 29, 2012 SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5205935		2.22	<0.001
E5205936		1.78	0.003
E5205937		1.88	0.003
E5205938		1.40	0.003
E5205939		2.90	0.002
E5205940		0.08	<0.001
E5205941		1.98	0.024
E5205942		1.60	0.010
E5205943		2.40	0.019
E5205944		1.48	0.018
E5205945		1.30	0.031
E5205946		1.36	0.033
E5205947		1.26	0.028
E5205948		1.46	0.009
E5205949		1.28	0.159
E5205950		1.70	0.029
E5205951		1.42	0.023
E5205952		2.48	0.002
E5205953		2.66	0.013
E5205954		0.92	0.007
E5205955		1.22	<0.001
E5205956		1.30	<0.001
E5205957		1.56	0.007
E5205958		1.28	0.001
E5205959		1.52	0.006
E5205960		0.10	1.31
E5205961		1.54	0.040
E5205962		1.04	<0.001
E5205963		1.54	0.016
E5205964		1.52	0.002
E5205965		1.76	0.004

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Mar 16, 2012

DATE RECEIVED: Mar 16, 2012

DATE REPORTED: Mar 29, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5205966		1.36	0.006
E5205967		1.56	0.005
E5205968		1.68	0.005
E5205969		1.74	<0.001
E5205970		1.92	0.005
E5205971		1.84	<0.001
E5205972		1.58	0.002
E5205973		1.58	0.007
E5205974		2.04	0.006
E5205975		1.62	<0.001
E5205976		1.42	0.021
E5205977		2.22	0.005
E5205978		1.62	0.002
E5205979		1.50	0.008
E5205980		0.08	0.519
E5205981		1.42	0.017
E5205982		1.60	0.001
E5205983		1.66	0.008
E5205984		1.66	0.005
E5205985		1.48	0.011
E5205986		1.14	0.010
E5205987		1.58	0.013
E5205988		1.44	0.004
E5205989		1.68	0.028
E5205990		1.62	0.002
E5205991		1.40	0.007
E5205992		1.32	0.003
E5205993		1.56	<0.001
E5205994		1.18	0.031
E5205995		0.08	<0.001
E5205996		1.40	<0.001

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U583529

PROJECT NO:

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Bruce Edgar

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Mar 16, 2012

DATE RECEIVED: Mar 16, 2012

DATE REPORTED: Mar 29, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5205997		1.36	<0.001
E5205998		1.46	0.006
E5205999		1.48	<0.001

Comments: RDL - Reported Detection Limit

Certified By:



Quality Assurance

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U583529

PROJECT NO:

ATTENTION TO: Bruce Edgar

Solid Analysis												
RPT Date: Mar 29, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
							Lower			Upper		
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	3190909	< 0.2	< 0.2	0.0%	< 0.2				80%	120%	
Al	1	3190120	2.74	3.05	10.7%	< 0.01				80%	120%	
As	1	3190120	9	11	20.0%	< 1				80%	120%	
B	1	3190120	6	6	0.0%	< 5				80%	120%	
Ba	1	3190120	11	12	8.7%	< 1				80%	120%	
Be	1	3190120	0.6	0.6	0.0%	< 0.5				80%	120%	
Bi	1	3190120	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	3190120	4.65	5.13	9.8%	< 0.01				80%	120%	
Cd	1	3190120	0.82	0.91	10.4%	< 0.5				80%	120%	
Ce	1	3190120	4	5	22.2%	< 1				80%	120%	
Co	1	3190120	33.4	33.6	0.6%	< 0.5	6.2	5.0	123%	80%	120%	
Cr	1	3190120	131	139	5.9%	< 0.5				80%	120%	
Cu	1	3190120	1370	1410	2.9%	< 0.5	3927	3800	103%	80%	120%	
Fe	1	3190120	4.55	4.91	7.6%	< 0.01				80%	120%	
Ga	1	3190120	8	8	0.0%	< 5				80%	120%	
Hg	1	3190120	< 1	< 1	0.0%	< 1				80%	120%	
In	1	3190120	< 1	< 1	0.0%	< 1				80%	120%	
K	1	3190120	0.04	0.04	0.0%	< 0.01				80%	120%	
La	1	3190120	2	2	0.0%	< 1				80%	120%	
Li	1	3190120	22	24	8.7%	< 1				80%	120%	
Mg	1	3190120	1.90	2.03	6.6%	< 0.01				80%	120%	
Mn	1	3190120	1320	1360	3.0%	< 1				80%	120%	
Mo	1	3190909	1.3	1.2	8.0%	< 0.5				80%	120%	
Na	1	3190120	< 0.01	< 0.01	0.0%	< 0.01				80%	120%	
Ni	1	3190120	50.9	51.9	1.9%	< 0.5				80%	120%	
P	1	3190120	258	272	5.3%	< 10				80%	120%	
Pb	1	3190120	41.5	42.0	1.2%	< 0.5				80%	120%	
Rb	1	3190120	11	12	8.7%	< 10	12	13	96%	80%	120%	
S	1	3190120	0.201	0.219	8.6%	< 0.005				80%	120%	
Sb	1	3190120	< 1	< 1	0.0%	< 1				80%	120%	
Sc	1	3190120	11.5	13.2	13.8%	< 0.5				80%	120%	
Se	1	3190120	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	3190120	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	3190120	70.5	86.6	20.5%	1.4				80%	120%	
Ta	1	3190120	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	3190120	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	3190120	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	3190120	0.33	0.38	14.1%	< 0.01				80%	120%	
Tl	1	3190120	15	17	12.5%	< 5				80%	120%	
U	1	3190120	< 5	< 5	0.0%	< 5				80%	120%	
V	1	3190120	108	118	8.8%	< 0.5				80%	120%	
W	1	3190120	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	3190120	6	7	15.4%	< 1				80%	120%	
Zn	1	3190120	216	214	0.9%	< 0.5				80%	120%	



Quality Assurance

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U583529

PROJECT NO:

ATTENTION TO: Bruce Edgar

Solid Analysis (Continued)											
RPT Date: Mar 29, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
						Lower				Upper	
Zr	1	3190120	6	8	28.6%	< 5				80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	3190145	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	3190145	2.81	2.84	1.1%	< 0.01				80%	120%
As	1	3190934	11	15		< 1				80%	120%
B	1	3190934	17	19	11.1%	< 5				80%	120%
Ba	1	3190145	117	116	0.9%	< 1				80%	120%
Be	1	3190145	0.9	0.9	0.0%	< 0.5				80%	120%
Bi	1	3190145	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	3190145	2.74	2.63	4.1%	< 0.01				80%	120%
Cd	1	3190145	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	3190145	68	69	1.5%	< 1				80%	120%
Co	1	3190145	17.0	19.8	15.2%	< 0.5	6.1	5.0	123%	80%	120%
Cr	1	3190145	37.9	40.7	7.1%	< 0.5				80%	120%
Cu	1	3190145	214	228	6.3%	< 0.5	3834	3800	100%	80%	120%
Fe	1	3190145	8.76	8.79	0.3%	< 0.01				80%	120%
Ga	1	3190145	12	12	0.0%	< 5				80%	120%
Hg	1	3190145	< 1	< 1	0.0%	< 1	1.6	1.3	124%	80%	120%
In	1	3190145	< 1	< 1	0.0%	< 1				80%	120%
K	1	3190145	0.202	0.193	4.6%	< 0.01				80%	120%
La	1	3190145	30	32	6.5%	< 1				80%	120%
Li	1	3190145	30	29	3.4%	< 1				80%	120%
Mg	1	3190145	2.71	2.69	0.7%	< 0.01				80%	120%
Mn	1	3190145	1140	1140	0.0%	< 1				80%	120%
Mo	1	3190934	1.2	0.8		< 0.5				80%	120%
Na	1	3190145	0.14	0.14	0.0%	< 0.01				80%	120%
Ni	1	3190145	54.8	59.6	8.4%	< 0.5				80%	120%
P	1	3190145	1710	1590	7.3%	< 10				80%	120%
Pb	1	3190145	8.5	8.5	0.0%	< 0.5				80%	120%
Rb	1	3190145	31	32	3.2%	< 10	11	13	85%	80%	120%
S	1	3190145	0.138	0.138	0.0%	< 0.005				80%	120%
Sb	1	3190145	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	3190145	15.9	14.3	10.6%	< 0.5				80%	120%
Se	1	3190145	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	3190145	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	3190145	54.5	51.6	5.5%	< 0.5				80%	120%
Ta	1	3190145	< 10	< 10	0.0%	< 10				80%	120%
Te	1	3190145	< 10	< 10	0.0%	< 10				80%	120%
Th	1	3190145	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	3190145	0.879	0.671	26.8%	< 0.01				80%	120%
Tl	1	3190145	38	30	23.5%	< 5				80%	120%
U	1	3190145	< 5	< 5	0.0%	< 5				80%	120%
V	1	3190145	235	238	1.3%	< 0.5				80%	120%
W	1	3190145	< 1	< 1	0.0%	< 1				80%	120%



Quality Assurance

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U583529

PROJECT NO:

ATTENTION TO: Bruce Edgar

Solid Analysis (Continued)												
RPT Date: Mar 29, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
							Lower			Upper		
Y	1	3190145	20	20	0.0%	< 1				80%	120%	
Zn	1	3190145	54.5	56.5	3.6%	< 0.5				80%	120%	
Zr	1	3190934	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	3190171	< 0.2	< 0.2	0.0%	< 0.2				80%	120%	
Al	1	3190171	2.80	2.72	2.9%	< 0.01				80%	120%	
As	1	3190171	24	24	0.0%	< 1				80%	120%	
B	1	3190171	40	40	0.0%	< 5				80%	120%	
Ba	1	3190171	91	90	1.1%	< 1				80%	120%	
Be	1	3190171	1.1	1.1	0.0%	< 0.5				80%	120%	
Bi	1	3190171	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	3190171	3.92	3.90	0.5%	< 0.01				80%	120%	
Cd	1	3190171	0.89	0.96	7.6%	< 0.5				80%	120%	
Ce	1	3190171	36	37	2.7%	< 1				80%	120%	
Co	1	3190171	12.8	13.8	7.5%	< 0.5	5.9	5.0	118%	80%	120%	
Cr	1	3190171	56.6	59.2	4.5%	< 0.5				80%	120%	
Cu	1	3190171	1490	1530	2.6%	< 0.5	3909	3800	102%	80%	120%	
Fe	1	3190171	3.92	3.86	1.5%	< 0.01				80%	120%	
Ga	1	3190171	7	7	0.0%	< 5				80%	120%	
Hg	1	3190171	< 1	< 1	0.0%	< 1				80%	120%	
In	1	3190171	< 1	< 1	0.0%	< 1				80%	120%	
K	1	3190171	0.294	0.274	7.0%	< 0.01				80%	120%	
La	1	3190171	18	18	0.0%	< 1				80%	120%	
Li	1	3190171	52	50	3.9%	< 1				80%	120%	
Mg	1	3190171	1.39	1.34	3.7%	< 0.01				80%	120%	
Mn	1	3190171	807	834	3.3%	< 1				80%	120%	
Mo	1	3190171	0.5	0.8	< 0.5	< 0.5				80%	120%	
Na	1	3190171	0.60	0.60	0.0%	< 0.01				80%	120%	
Ni	1	3190171	40.1	41.5	3.4%	< 0.5				80%	120%	
P	1	3190171	679	710	4.5%	< 10				80%	120%	
Pb	1	3190171	16.4	16.6	1.2%	< 0.5				80%	120%	
Rb	1	3190171	27	28	3.6%	< 10	12	13	96%	80%	120%	
S	1	3190171	0.0411	0.0403	2.0%	< 0.005				80%	120%	
Sb	1	3190171	1	3		< 1				80%	120%	
Sc	1	3190171	9.4	9.7	3.1%	< 0.5				80%	120%	
Se	1	3190171	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	3190171	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	3190171	26.9	25.6	5.0%	< 0.5	313	390	80%	80%	120%	
Ta	1	3190171	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	3190171	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	3190171	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	3190171	0.177	0.169	4.6%	< 0.01				80%	120%	
Tl	1	3190171	10	11	9.5%	< 5				80%	120%	
U	1	3190171	< 5	< 5	0.0%	< 5				80%	120%	



Quality Assurance

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U583529

PROJECT NO:

ATTENTION TO: Bruce Edgar

Solid Analysis (Continued)												
RPT Date: Mar 29, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
V	1	3190171	76.4	77.7	1.7%	< 0.5				80%	120%	
W	1	3190171	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	3190171	10	10	0.0%	< 1				80%	120%	
Zn	1	3190171	159	165	3.7%	< 0.5				80%	120%	
Zr	1	3190171	13	14	7.4%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	3190882	0.3	0.3	0.0%	< 0.2				80%	120%	
Al	1	3190882	4.36	5.07	15.1%	< 0.01				80%	120%	
As	1	3190882	11	11	0.0%	< 1				80%	120%	
B	1	3190882	16	7		< 5				80%	120%	
Ba	1	3190882	26	31	17.5%	< 1				80%	120%	
Be	1	3190882	0.7	0.7	0.0%	< 0.5				80%	120%	
Bi	1	3190882	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	3190882	6.16	7.11	14.3%	< 0.01				80%	120%	
Cd	1	3190882	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Ce	1	3190882	5	6	18.2%	< 1				80%	120%	
Co	1	3190882	42.2	39.8	5.9%	< 0.5	6.1	5.0	122%	80%	120%	
Cr	1	3190882	344	323	6.3%	< 0.5				80%	120%	
Cu	1	3190882	2080	1950	6.5%	< 0.5	3958	3800	104%	80%	120%	
Fe	1	3190882	6.70	7.54	11.8%	< 0.01				80%	120%	
Ga	1	3190882	19	18	5.4%	< 5				80%	120%	
Hg	1	3190882	< 1	< 1	0.0%	< 1	1.7	1.3	129%	80%	120%	
In	1	3190882	2	< 1		< 1				80%	120%	
K	1	3190882	0.233	0.291	22.1%	< 0.01				80%	120%	
La	1	3190882	5	4	22.2%	< 1				80%	120%	
Li	1	3190882	68	75	9.8%	< 1				80%	120%	
Mg	1	3190882	3.91	4.38	11.3%	< 0.01				80%	120%	
Mn	1	3190882	2290	2100	8.7%	< 1				80%	120%	
Mo	1	3190882	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Na	1	3190882	< 0.01	0.01		< 0.01				80%	120%	
Ni	1	3190882	193	182	5.9%	< 0.5				80%	120%	
P	1	3190882	328	309	6.0%	< 10				80%	120%	
Pb	1	3190882	8.81	11.6	27.3%	< 0.5				80%	120%	
Rb	1	3190882	42	43	2.4%	< 10	12	13	91%	80%	120%	
S	1	3190882	0.386	0.438	12.6%	< 0.005				80%	120%	
Sb	1	3190882	3	< 1		< 1				80%	120%	
Sc	1	3190882	11.9	11.5	3.4%	< 0.5				80%	120%	
Se	1	3190882	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	3190882	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	3190882	31.6	33.4	5.5%	< 0.5				80%	120%	
Ta	1	3190882	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	3190882	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	3190882	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	3190882	0.012	0.015	22.2%	< 0.01				80%	120%	
Tl	1	3190882	7	5		< 5				80%	120%	



Quality Assurance

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U583529

PROJECT NO:

ATTENTION TO: Bruce Edgar

Solid Analysis (Continued)												
RPT Date: Mar 29, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
							Lower			Upper		
U	1	3190882	< 5	< 5	0.0%	< 5				80%	120%	
V	1	3190882	162	154	5.1%	< 0.5				80%	120%	
W	1	3190882	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	3190882	11	11	0.0%	< 1				80%	120%	
Zn	1	3190882	191	178	7.0%	< 0.5				80%	120%	
Zr	1	3190882	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Co	1					< 0.5	5.8	5.0	115%	80%	120%	
Cu	1					< 0.5	3769	3800	99%	80%	120%	
Hg	1					< 1	1.7	1.3	130%	80%	120%	
Rb	1					< 10	11	13	86%	80%	120%	
Sr	1					< 0.5	336	390	86%	80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Co	1					< 0.5	6.1	5.0	122%	80%	120%	
Cu	1					< 0.5	4059	3800	106%	80%	120%	
Rb	1					< 10	13	13	99%	80%	120%	
Sr	1					< 0.5	341	390	87%	80%	120%	
Fire Assay - Trace Au, ICP-OES finish (202052)												
Au	1	3190120	0.006	0.006	0.0%	< 0.001	0.0744	0.0849	88%	90%	110%	
Fire Assay - Trace Au, ICP-OES finish (202052)												
Au	1	3190132	< 0.001	0.003		< 0.001	0.194	0.203	95%	90%	110%	
Fire Assay - Trace Au, ICP-OES finish (202052)												
Au	1	3190145	0.008	0.002		< 0.001	0.4	0.417	96%	90%	110%	
Fire Assay - Trace Au, ICP-OES finish (202052)												
Au	1	3190161	< 0.001	0.001		< 0.001	0.889	0.922	96%	90%	110%	
Fire Assay - Trace Au, ICP-OES finish (202052)												
Au	1	3190171	< 0.001	0.033		< 0.001	0.0747	0.0849	88%	90%	110%	
Fire Assay - Trace Au, ICP-OES finish (202052)												
Au	1	3190184	< 0.001	< 0.001	0.0%	< 0.001	0.196	0.203	97%	90%	110%	
Fire Assay - Trace Au, ICP-OES finish (202052)												
Au	1	3190882	0.009	0.008	11.8%	< 0.001	0.402	0.417	97%	90%	110%	
Fire Assay - Trace Au, ICP-OES finish (202052)												
Au	1	3190896	0.040	< 0.001		< 0.001				90%	110%	
Fire Assay - Trace Au, ICP-OES finish (202052)												
Au	1	3190909	0.0069	0.0078	12.2%	< 0.001				90%	110%	
Fire Assay - Trace Au, ICP-OES finish (202052)												
Au	1	3190921	0.011	0.004		< 0.001				90%	110%	
Fire Assay - Trace Au, ICP-OES finish (202052)												



Quality Assurance

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U583529

PROJECT NO:

ATTENTION TO: Bruce Edgar

Solid Analysis (Continued)

RPT Date: Mar 29, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Au	1	3190934	0.0061	0.0066	7.9%	< 0.001				90%	110%

Certified By:



Method Summary

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U583529

PROJECT NO:

ATTENTION TO: Bruce Edgar

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Cu-OL	MIN-200-12032		AA
Zn-OL			AA
Sample Login Weight	MIN-12009		BALANCE



Method Summary

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U583529

PROJECT NO:

ATTENTION TO: Bruce Edgar

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



CLIENT NAME: SUPERIOR COPPER CORPORATION
SUITE 2810-130 KING ST W, PO BOX 182
TORONTO, ON M5X1A6

ATTENTION TO: Delio Tortosa

PROJECT NO:

AGAT WORK ORDER: 12U580097

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Mar 16, 2012

PAGES (INCLUDING COVER): 16

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 12U580097

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Delio Tortosa

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

DATE SAMPLED: Mar 05, 2012	DATE RECEIVED: Mar 05, 2012		DATE REPORTED: Mar 16, 2012		SAMPLE TYPE: Rock									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5205822	<0.2	3.55	8	<5	3	<0.5	<1	11.5	<0.5	14	31.1	782	8.6	6.27
E5205823	1.1	2.24	20	6	18	<0.5	<1	11.3	<0.5	11	30.8	620	3210	3.70
E5205824	0.4	1.38	14	<5	24	<0.5	<1	5.98	<0.5	6	20.4	447	2820	2.31
E5205825	<0.2	2.24	21	6	6	<0.5	<1	14.0	<0.5	13	29.5	554	34.6	4.72
E5205826	<0.2	3.25	47	16	6	<0.5	<1	15.8	<0.5	17	43.6	778	52.0	6.43
E5205827	<0.2	2.36	76	11	8	<0.5	<1	13.1	<0.5	15	49.6	593	606	4.80
E5205828	0.4	1.54	79	8	10	<0.5	<1	10.6	<0.5	12	52.2	476	2360	4.17
E5205829	0.3	1.21	17	6	19	<0.5	<1	2.97	<0.5	38	21.8	584	361	2.33
E5205830	29.2	1.04	853	12	16	<0.5	<1	0.13	143	36	5.3	201	1960	10.2
E5205831	<0.2	1.31	23	5	17	<0.5	<1	2.52	<0.5	27	28.9	590	511	2.69
E5205832	0.2	1.15	14	6	41	<0.5	<1	1.48	<0.5	14	17.9	176	1120	1.93
E5205833	0.4	1.86	19	6	51	<0.5	<1	2.95	0.6	28	14.2	101	649	2.59
E5205834	0.3	2.68	14	29	139	1.6	<1	3.15	0.5	91	21.5	50.9	1120	5.74
E5205835	0.2	2.26	12	50	89	2.3	<1	1.65	<0.5	60	18.1	69.2	994	4.76
E5205836	<0.2	2.12	22	43	64	1.8	<1	5.81	<0.5	39	14.4	65.4	922	4.73
E5205837	0.2	3.39	23	52	77	2.6	<1	1.47	<0.5	77	46.7	86.8	1200	6.04
E5205838	1.8	2.38	21	9	67	0.7	<1	1.00	<0.5	26	32.0	93.3	497	3.97
E5205839	<0.2	3.13	14	9	74	0.7	<1	5.29	<0.5	20	51.1	106	888	3.98
E5205840	<0.2	4.37	10	13	67	0.9	<1	5.10	<0.5	11	33.9	63.8	403	6.61
E5205841	0.4	3.15	27	9	38	0.5	<1	3.97	<0.5	6	83.2	90.7	1530	4.92
E5205842	<0.2	3.69	57	6	41	0.6	<1	6.15	<0.5	14	123	61.1	887	5.99
E5205843	3.9	1.77	13	<5	45	<0.5	<1	2.36	<0.5	7	32.0	181	4670	3.83
E5205844	<0.2	3.34	8	14	40	0.6	<1	2.14	0.7	7	31.7	135	69.9	4.83
E5205845	0.7	5.55	5	12	46	0.6	<1	0.30	2.6	2	41.5	259	1390	7.99
E5205846	4.2	2.49	15	<5	53	0.5	<1	1.16	3.0	61	26.3	113	4810	3.77
E5205847	1.1	2.08	6	<5	39	<0.5	<1	1.09	<0.5	46	13.7	100	1930	3.10
E5205848	<0.2	6.73	11	14	38	0.6	<1	1.71	<0.5	8	38.4	215	297	9.63
E5205849	<0.2	2.39	9	5	3	<0.5	<1	12.3	<0.5	10	43.5	708	56.2	4.12
E5205850	16.7	1.32	425	5	50	<0.5	<1	0.06	40.1	52	2.2	185	668	6.68
E5205851	<0.2	2.82	9	9	8	<0.5	<1	8.25	<0.5	10	35.0	825	88.2	5.09
E5205852	1.5	1.32	8	6	22	<0.5	<1	6.14	<0.5	5	17.8	559	6010	2.49
E5205853	<0.2	1.52	12	8	12	<0.5	<1	13.9	<0.5	10	34.4	505	3520	3.61

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 12U580097

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Delio Tortosa

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

DATE SAMPLED: Mar 05, 2012	DATE RECEIVED: Mar 05, 2012		DATE REPORTED: Mar 16, 2012		SAMPLE TYPE: Rock									
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5205854	<0.2	1.56	14	7	3	<0.5	<1	17.6	<0.5	12	52.3	561	166	3.82
E5205855	<0.2	1.75	11	12	7	0.5	<1	14.6	0.6	11	93.9	637	459	4.58
E5205856	<0.2	1.99	11	13	10	0.5	<1	15.8	0.5	13	103	746	344	5.74
E5205857	<0.2	1.13	13	11	10	<0.5	<1	10.7	2.5	10	89.8	494	693	3.44
E5205858	0.6	2.11	54	56	77	1.6	<1	1.26	<0.5	21	150	978	988	14.5
E5205859	<0.2	0.83	21	6	22	<0.5	<1	4.51	1.8	9	18.0	369	297	2.35
E5205860	<0.2	0.03	<1	<5	2	<0.5	<1	0.03	<0.5	16	<0.5	0.8	2.2	0.03
E5205861	<0.2	0.63	14	<5	23	<0.5	<1	0.60	0.5	4	6.9	254	293	1.26
E5205862	<0.2	0.96	14	<5	27	<0.5	<1	1.23	<0.5	20	6.2	185	245	1.43
E5205863	<0.2	2.62	16	<5	50	<0.5	<1	1.23	<0.5	66	10.5	128	407	3.19
E5205864	1.1	2.24	23	7	33	<0.5	<1	1.63	2.8	84	30.0	165	1790	3.67
E5205865	<0.2	2.32	23	10	46	0.7	<1	6.88	2.7	52	16.4	98.1	449	4.30
E5205866	<0.2	2.31	26	25	71	1.2	<1	6.23	<0.5	53	20.1	105	687	4.38
E5205867	<0.2	4.29	25	34	79	2.1	<1	3.48	<0.5	70	34.8	76.5	1040	7.39
E5205868	<0.2	5.15	6	16	32	0.7	<1	4.72	<0.5	6	25.9	149	585	8.51
E5205869	<0.2	4.67	7	23	22	1.0	<1	5.09	<0.5	7	26.9	245	48.7	8.65
E5205870	17.2	1.20	450	6	48	<0.5	<1	0.06	42.1	54	2.3	184	687	6.67
E5205871	2.9	2.40	8	5	19	<0.5	<1	3.15	<0.5	4	39.4	137	1660	3.73
E5205872	<0.2	4.10	8	9	12	0.6	<1	2.92	<0.5	4	26.4	149	186	6.33

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Delio Tortosa

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

DATE SAMPLED: Mar 05, 2012	DATE RECEIVED: Mar 05, 2012						DATE REPORTED: Mar 16, 2012					SAMPLE TYPE: Rock			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5205822	11	<1	<1	<0.01	3	21	4.60	1710	2.4	0.01	472	333	5.3	11	
E5205823	9	<1	<1	0.09	4	17	1.72	1370	2.2	<0.01	294	293	6.1	18	
E5205824	6	<1	<1	0.17	3	10	0.87	805	1.8	<0.01	211	195	39.3	24	
E5205825	9	<1	<1	<0.01	3	18	2.36	1700	1.1	0.01	435	221	25.1	10	
E5205826	14	<1	<1	<0.01	4	33	2.60	2470	1.9	<0.01	518	295	10.6	<10	
E5205827	11	<1	<1	0.02	5	21	1.54	2020	1.6	<0.01	462	309	14.8	12	
E5205828	10	<1	<1	0.04	5	11	0.98	1420	3.0	<0.01	427	242	16.5	13	
E5205829	6	<1	1	0.10	14	13	0.82	558	2.4	<0.01	74.5	195	11.4	15	
E5205830	10	13	8	0.25	18	8	0.64	250	5.8	0.01	5.5	49	2980	14	
E5205831	5	<1	2	0.07	11	15	0.98	552	2.2	<0.01	65.5	155	10.1	11	
E5205832	<5	<1	<1	0.23	6	10	0.69	390	2.5	<0.01	22.4	156	11.2	25	
E5205833	8	<1	<1	0.26	12	19	1.31	874	1.3	<0.01	18.0	202	16.2	34	
E5205834	11	<1	<1	0.29	45	46	2.11	1520	0.6	0.13	51.1	1860	29.6	32	
E5205835	10	<1	<1	0.37	30	47	1.65	866	0.7	0.03	45.3	1390	19.2	32	
E5205836	9	<1	<1	0.41	19	44	1.49	880	2.3	<0.01	37.4	971	18.1	43	
E5205837	13	<1	<1	0.58	36	76	2.54	990	2.5	<0.01	73.7	1940	23.3	56	
E5205838	9	<1	2	0.38	11	20	1.38	832	1.0	<0.01	48.3	278	8.3	48	
E5205839	9	<1	<1	0.47	9	21	1.65	1170	1.9	<0.01	42.3	262	9.7	55	
E5205840	16	<1	<1	0.09	4	27	3.31	2460	<0.5	<0.01	62.1	400	19.2	15	
E5205841	12	<1	3	0.06	2	29	2.30	1760	1.6	<0.01	79.1	285	36.9	12	
E5205842	10	<1	<1	0.16	5	39	2.38	1650	2.2	<0.01	83.8	307	10.7	23	
E5205843	7	<1	<1	0.18	5	13	1.26	679	4.4	0.01	37.3	116	13.8	20	
E5205844	16	<1	2	0.14	4	29	2.69	1720	<0.5	<0.01	120	199	6.5	24	
E5205845	22	<1	1	0.22	2	53	5.06	1660	4.5	0.05	139	181	73.3	33	
E5205846	11	<1	3	0.21	29	22	1.83	757	135	0.08	41.7	1060	152	25	
E5205847	8	<1	1	0.15	21	19	1.42	580	83.1	0.07	22.0	1050	31.4	17	
E5205848	23	<1	3	0.17	4	73	5.61	2320	25.7	<0.01	128	170	28.6	23	
E5205849	9	<1	<1	0.01	2	12	2.55	1690	2.1	0.01	556	239	71.3	<10	
E5205850	<5	5	4	0.30	25	8	0.94	197	5.2	0.02	3.3	63	1990	15	
E5205851	11	<1	<1	0.03	3	17	3.22	1940	<0.5	0.02	510	230	38.8	10	
E5205852	7	<1	2	0.21	4	9	0.64	776	2.5	0.01	204	205	15.4	36	
E5205853	10	<1	<1	0.12	3	11	1.46	1670	1.6	0.01	344	243	9.1	26	

Certified By:

Ron Cardinal



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AGAT WORK ORDER: 12U580097

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Delio Tortosa

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

DATE SAMPLED: Mar 05, 2012	DATE RECEIVED: Mar 05, 2012							DATE REPORTED: Mar 16, 2012				SAMPLE TYPE: Rock			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5205854	9	<1	<1	<0.01	2	9	1.59	2150	1.7	<0.01	478	184	16.5	<10	
E5205855	10	<1	<1	0.02	2	15	1.99	1970	1.5	0.01	639	260	25.1	12	
E5205856	12	<1	<1	<0.01	2	18	2.12	2070	1.6	<0.01	796	276	23.6	<10	
E5205857	9	<1	<1	0.01	3	16	0.96	1320	1.4	<0.01	439	162	16.9	<10	
E5205858	13	2	2	0.06	11	59	1.60	1630	4.9	<0.01	489	120	16.5	11	
E5205859	5	<1	3	0.11	3	19	0.51	569	1.4	<0.01	168	121	5.7	20	
E5205860	<5	<1	<1	0.01	8	<1	0.01	4	<0.5	<0.01	<0.5	29	0.6	<10	
E5205861	<5	<1	<1	0.13	2	10	0.34	302	3.0	<0.01	35.2	74	4.1	16	
E5205862	<5	<1	2	0.22	8	8	0.49	336	2.0	<0.01	14.8	119	3.4	25	
E5205863	7	<1	<1	0.44	26	31	1.48	674	1.2	<0.01	29.5	181	7.8	43	
E5205864	9	<1	<1	0.24	33	23	1.49	920	0.7	<0.01	29.1	254	11.4	31	
E5205865	10	<1	<1	0.16	21	38	1.89	1900	1.6	<0.01	32.7	602	36.3	27	
E5205866	11	<1	<1	0.29	23	49	1.83	1170	<0.5	0.04	56.5	1410	15.8	37	
E5205867	18	<1	2	0.47	33	73	3.36	1900	1.0	<0.01	96.3	1890	23.0	81	
E5205868	17	<1	3	0.16	3	28	4.35	2630	<0.5	0.02	81.3	280	13.9	25	
E5205869	18	<1	<1	0.04	2	33	4.42	2700	<0.5	0.03	60.2	287	13.7	15	
E5205870	<5	5	<1	0.26	25	7	0.88	197	4.7	0.01	3.5	62	2050	13	
E5205871	8	<1	<1	0.09	2	18	1.73	1060	2.7	0.01	42.1	162	34.6	14	
E5205872	13	<1	<1	0.01	1	39	3.59	2000	0.7	0.02	64.7	271	38.6	<10	

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

DATE SAMPLED: Mar 05, 2012	DATE RECEIVED: Mar 05, 2012		DATE REPORTED: Mar 16, 2012		SAMPLE TYPE: Rock									
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5205822	0.132	<1	8.3	<10	<5	40.6	<10	<10	<5	0.31	10	<5	118	<1
E5205823	0.384	<1	8.8	<10	<5	59.5	<10	<10	<5	0.23	6	<5	102	<1
E5205824	0.355	3	5.9	<10	<5	22.5	<10	<10	<5	0.11	5	<5	59.0	<1
E5205825	0.260	2	5.9	<10	<5	63.7	<10	<10	<5	0.19	<5	<5	82.9	1
E5205826	0.439	<1	11.2	<10	<5	66.3	<10	<10	<5	0.15	<5	<5	152	<1
E5205827	0.523	2	11.1	<10	<5	51.3	<10	<10	<5	0.19	<5	<5	116	<1
E5205828	0.987	3	8.3	<10	<5	32.2	<10	<10	<5	0.12	<5	<5	98.9	<1
E5205829	0.035	3	7.5	<10	<5	7.8	<10	<10	<5	<0.01	5	<5	76.5	<1
E5205830	>10	44	6.8	<10	<5	8.5	<10	38	<5	<0.01	<5	<5	14.9	<1
E5205831	0.037	2	6.5	<10	<5	8.4	<10	<10	<5	0.01	<5	<5	77.2	<1
E5205832	0.040	3	7.0	<10	<5	6.5	<10	<10	<5	<0.01	<5	<5	57.1	<1
E5205833	0.034	3	12.0	<10	<5	8.8	<10	<10	<5	<0.01	6	<5	94.0	<1
E5205834	0.034	2	7.5	<10	<5	34.2	<10	<10	<5	0.06	6	<5	109	<1
E5205835	0.021	1	6.8	<10	<5	22.9	<10	<10	<5	0.05	6	<5	70.5	<1
E5205836	0.061	2	8.1	<10	<5	28.8	<10	<10	<5	0.04	<5	<5	67.3	<1
E5205837	0.018	<1	10.9	<10	<5	20.5	<10	<10	<5	0.08	6	<5	113	<1
E5205838	0.015	1	9.3	<10	<5	19.8	<10	<10	<5	0.02	5	<5	99.4	<1
E5205839	0.072	<1	14.0	<10	<5	43.0	<10	<10	<5	0.06	<5	<5	99.4	<1
E5205840	0.095	<1	24.4	<10	<5	79.6	<10	<10	<5	0.42	15	<5	217	<1
E5205841	0.203	2	11.7	<10	<5	43.8	<10	<10	<5	0.19	9	<5	137	<1
E5205842	0.896	<1	10.1	<10	<5	59.5	<10	<10	<5	0.19	9	<5	108	<1
E5205843	0.365	1	5.1	<10	<5	12.0	<10	<10	<5	<0.01	<5	<5	64.7	2
E5205844	0.099	3	12.7	<10	<5	17.6	<10	<10	<5	0.04	6	<5	119	<1
E5205845	0.161	<1	22.2	<10	<5	6.5	<10	<10	<5	0.08	5	<5	200	<1
E5205846	0.588	2	8.2	<10	<5	15.7	<10	<10	<5	0.08	5	<5	75.0	<1
E5205847	0.232	2	5.3	<10	<5	12.4	<10	<10	<5	0.06	6	<5	53.8	<1
E5205848	0.094	<1	17.2	<10	<5	18.5	<10	<10	<5	0.05	7	<5	193	<1
E5205849	0.187	1	4.8	<10	<5	44.3	<10	<10	<5	0.21	5	<5	75.8	<1
E5205850	7.06	32	7.9	<10	<5	10.0	<10	13	<5	<0.01	<5	<5	12.2	<1
E5205851	0.126	<1	6.0	<10	<5	32.5	<10	<10	<5	0.21	8	<5	93.1	<1
E5205852	0.559	4	5.9	<10	<5	30.1	<10	<10	<5	0.11	6	<5	94.3	<1
E5205853	0.551	4	5.7	<10	<5	46.7	<10	<10	<5	0.14	<5	<5	77.3	<1

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Delio Tortosa

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

DATE SAMPLED: Mar 05, 2012	DATE RECEIVED: Mar 05, 2012					DATE REPORTED: Mar 16, 2012					SAMPLE TYPE: Rock				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5205854	0.306	4	4.3	<10	6	53.0	<10	<10	<5	0.15	<5	<5	75.2	<1	
E5205855	0.220	3	5.3	<10	<5	54.0	<10	<10	<5	0.20	<5	<5	83.8	<1	
E5205856	0.195	1	8.7	<10	<5	63.6	<10	<10	<5	0.22	<5	<5	110	<1	
E5205857	0.145	4	5.6	<10	<5	40.1	<10	<10	<5	0.08	<5	<5	75.3	<1	
E5205858	0.019	<1	7.9	<10	<5	24.7	<10	<10	<5	0.08	7	16	442	<1	
E5205859	0.052	4	3.3	<10	<5	12.7	<10	<10	<5	0.02	<5	<5	56.2	<1	
E5205860	0.007	<1	<0.5	<10	<5	1.4	<10	<10	<5	<0.01	<5	<5	0.8	<1	
E5205861	0.010	2	2.7	<10	<5	4.6	<10	<10	<5	<0.01	<5	<5	38.6	<1	
E5205862	0.016	3	6.0	<10	<5	5.9	<10	<10	<5	0.01	5	<5	44.0	<1	
E5205863	0.017	<1	11.7	<10	<5	12.8	<10	<10	<5	0.02	<5	<5	78.6	<1	
E5205864	0.050	2	11.3	<10	<5	16.4	<10	<10	<5	0.02	6	<5	121	<1	
E5205865	0.073	4	8.5	<10	<5	27.4	<10	<10	<5	0.02	<5	<5	116	<1	
E5205866	0.066	2	6.6	<10	<5	42.2	<10	<10	<5	0.06	<5	<5	111	<1	
E5205867	0.037	<1	17.2	<10	<5	46.1	<10	<10	<5	0.18	9	<5	160	<1	
E5205868	0.060	<1	23.0	<10	<5	32.1	<10	<10	<5	0.13	8	<5	188	<1	
E5205869	0.053	<1	31.0	<10	<5	46.3	<10	<10	<5	0.26	12	<5	215	<1	
E5205870	7.08	33	7.9	<10	<5	7.9	<10	12	<5	<0.01	<5	<5	12.2	<1	
E5205871	0.120	1	10.6	<10	<5	45.1	<10	<10	<5	0.17	9	<5	98.6	<1	
E5205872	0.053	<1	14.3	<10	<5	41.9	<10	<10	<5	0.25	10	<5	137	<1	

Certified By:

Ron Cardinali



Certificate of Analysis

AGAT WORK ORDER: 12U580097

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Delio Tortosa

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

DATE SAMPLED: Mar 05, 2012	DATE RECEIVED: Mar 05, 2012		DATE REPORTED: Mar 16, 2012		SAMPLE TYPE: Rock
Analyte:	Y	Zn	Zr	Zn-OL	
Unit:	ppm	ppm	ppm	ppm	
RDL:	1	0.5	5	5	
E5205822	8	65.2	11		
E5205823	7	66.0	12		
E5205824	4	46.1	8		
E5205825	5	98.6	6		
E5205826	8	103	<5		
E5205827	7	112	15		
E5205828	8	137	10		
E5205829	11	76.3	8		
E5205830	11	>10000	40	20100	
E5205831	15	52.3	7		
E5205832	11	80.4	<5		
E5205833	13	133	8		
E5205834	57	257	<5		
E5205835	33	252	9		
E5205836	15	225	11		
E5205837	30	371	5		
E5205838	11	91.3	6		
E5205839	14	92.2	10		
E5205840	13	121	11		
E5205841	7	258	<5		
E5205842	13	88.5	<5		
E5205843	7	57.8	<5		
E5205844	8	130	<5		
E5205845	10	309	<5		
E5205846	17	342	12		
E5205847	14	129	11		
E5205848	12	240	<5		
E5205849	5	106	6		
E5205850	13	7530	47		
E5205851	7	139	6		
E5205852	6	44.6	8		
E5205853	6	79.0	7		

Certified By:

Ron Cardinal



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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Delio Tortosa

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

DATE SAMPLED: Mar 05, 2012	DATE RECEIVED: Mar 05, 2012	DATE REPORTED: Mar 16, 2012	SAMPLE TYPE: Rock		
Analyte:	Y	Zn	Zr	Zn-OL	
Unit:	ppm	ppm	ppm	ppm	
Sample Description	RDL:	1	0.5	5	5
E5205854	5	101	6		
E5205855	5	164	6		
E5205856	5	180	9		
E5205857	4	298	5		
E5205858	17	3620	<5		
E5205859	7	373	<5		
E5205860	<1	0.8	<5		
E5205861	3	154	<5		
E5205862	15	36.3	<5		
E5205863	40	46.2	9		
E5205864	63	110	5		
E5205865	26	316	9		
E5205866	18	119	<5		
E5205867	25	332	8		
E5205868	11	165	<5		
E5205869	12	156	<5		
E5205870	13	7690	47		
E5205871	6	109	5		
E5205872	7	215	<5		

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 12U580097

PROJECT NO:

5623 McADAM ROAD
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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Delio Tortosa

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Mar 05, 2012

DATE RECEIVED: Mar 05, 2012

DATE REPORTED: Mar 16, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5205822		1.52	0.001
E5205823		1.72	0.005
E5205824		1.20	0.015
E5205825		2.46	<0.001
E5205826		1.44	0.041
E5205827		1.30	0.009
E5205828		1.44	0.006
E5205829		0.98	0.013
E5205830		0.08	1.42
E5205831		1.48	0.011
E5205832		1.42	0.019
E5205833		1.08	0.006
E5205834		1.42	<0.001
E5205835		1.48	0.001
E5205836		1.20	<0.001
E5205837		1.42	0.071
E5205838		1.48	0.006
E5205839		1.40	0.006
E5205840		1.30	<0.001
E5205841		1.74	0.007
E5205842		1.64	0.008
E5205843		1.54	0.010
E5205844		1.38	<0.001
E5205845		1.48	0.011
E5205846		1.56	0.043
E5205847		1.64	0.012
E5205848		1.76	<0.001
E5205849		1.68	<0.001
E5205850		0.10	0.542
E5205851		1.52	<0.001
E5205852		1.34	0.013

Certified By:

Ron Cardinal



Certificate of Analysis

AGAT WORK ORDER: 12U580097

PROJECT NO:

5623 McADAM ROAD
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 TEL (905)501-9998
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<http://www.agatlabs.com>

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: Delio Tortosa

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Mar 05, 2012

DATE RECEIVED: Mar 05, 2012

DATE REPORTED: Mar 16, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5205853		1.58	0.044
E5205854		1.58	<0.001
E5205855		1.52	<0.001
E5205856		1.66	0.001
E5205857		1.70	0.002
E5205858		1.64	0.076
E5205859		1.48	0.011
E5205860		0.10	<0.001
E5205861		1.14	0.016
E5205862		1.24	0.009
E5205863		1.38	<0.001
E5205864		1.60	0.028
E5205865		1.30	0.005
E5205866		1.38	<0.001
E5205867		0.96	0.001
E5205868		1.52	0.004
E5205869		1.46	0.003
E5205870		0.10	0.524
E5205871		1.66	0.006
E5205872		1.94	0.002

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



Quality Assurance

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U580097

PROJECT NO:

ATTENTION TO: Delio Tortosa

Solid Analysis											
RPT Date: Mar 16, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3162187	0.001	< 0.001		< 0.001	0.0799	0.0849	94%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3162200	0.001	0.006		< 0.001				90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3162212	0.012	0.012	0.0%	< 0.001				90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3162224	0.011	0.013	16.7%	< 0.001				90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3162237	0.002	0.002	0.0%	< 0.001				90%	110%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	3162187	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	3162187	3.55	3.12	12.9%	< 0.01				80%	120%
As	1	3162187	8	7	13.3%	< 1				80%	120%
B	1	3162187	< 5	9		< 5				80%	120%
Ba	1	3162187	3	2		< 1				80%	120%
Be	1	3162187	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	3162187	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	3162187	11.5	9.95	14.5%	< 0.01				80%	120%
Cd	1	3162187	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	3162187	14	13	7.4%	< 1				80%	120%
Co	1	3162187	31.1	32.8	5.3%	< 0.5	5.5	5.0	109%	80%	120%
Cr	1	3162187	782	808	3.3%	< 0.5				80%	120%
Cu	1	3162187	8.6	7.3	16.4%	< 0.5	3628	3800	95%	80%	120%
Fe	1	3162187	6.27	5.25	17.7%	< 0.01				80%	120%
Ga	1	3162187	11	13	16.7%	< 5				80%	120%
Hg	1	3162187	< 1	< 1	0.0%	< 1	1.4	1.3	110%	80%	120%
In	1	3162187	< 1	< 1	0.0%	< 1				80%	120%
K	1	3162187	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
La	1	3162187	3	3	0.0%	< 1				80%	120%
Li	1	3162187	21	18	15.4%	< 1				80%	120%
Mg	1	3162187	4.60	3.84	18.0%	< 0.01				80%	120%
Mn	1	3162187	1710	1750	2.3%	< 1				80%	120%
Mo	1	3162187	2.4	1.7		< 0.5				80%	120%
Na	1	3162187	0.01	0.01	0.0%	< 0.01				80%	120%
Ni	1	3162187	472	487	3.1%	< 0.5	9	7	129%	80%	120%
P	1	3162187	333	330	0.9%	< 10				80%	120%
Pb	1	3162187	5.3	4.4	18.6%	< 0.5				80%	120%
Rb	1	3162187	11	11	0.0%	< 10	14	13	105%	80%	120%
S	1	3162187	0.132	0.112	16.4%	< 0.005				80%	120%
Sb	1	3162187	< 1	< 1	0.0%	< 1				80%	120%



Quality Assurance

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U580097

PROJECT NO:

ATTENTION TO: Delio Tortosa

Solid Analysis (Continued)												
RPT Date: Mar 16, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
							Lower			Upper		
Sc	1	3162187	8.34	8.56	2.6%	< 0.5				80%	120%	
Se	1	3162187	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	3162187	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	3162187	40.6	37.1	9.0%	0.8	329	290	113%	80%	120%	
Ta	1	3162187	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	3162187	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	3162187	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	3162187	0.309	0.271	13.1%	< 0.01				80%	120%	
Tl	1	3162187	10	9	10.5%	< 5				80%	120%	
U	1	3162187	< 5	< 5	0.0%	< 5				80%	120%	
V	1	3162187	118	120	1.7%	< 0.5				80%	120%	
W	1	3162187	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	3162187	8	8	0.0%	< 1				80%	120%	
Zn	1	3162187	65.2	67.8	3.9%	< 0.5				80%	120%	
Zr	1	3162187	11	11	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	3162212	1.1	1.5		< 0.2				80%	120%	
Al	1	3162212	2.08	2.06	1.0%	< 0.01				80%	120%	
As	1	3162212	6	7	15.4%	< 1				80%	120%	
B	1	3162212	< 5	< 5	0.0%	< 5	5.01	7.00	72%	80%	120%	
Ba	1	3162212	39	39	0.0%	< 1				80%	120%	
Be	1	3162212	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Bi	1	3162212	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	3162212	1.09	1.10	0.9%	< 0.01				80%	120%	
Cd	1	3162212	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Ce	1	3162212	46	45	2.2%	< 1				80%	120%	
Co	1	3162212	13.7	12.8	6.8%	< 0.5	6	5.0	119%	80%	120%	
Cr	1	3162212	100	100	0.0%	< 0.5				80%	120%	
Cu	1	3162212	1930	1870	3.2%	< 0.5	3983	3800	104%	80%	120%	
Fe	1	3162212	3.10	3.15	1.6%	< 0.01				80%	120%	
Ga	1	3162212	8	9	11.8%	< 5				80%	120%	
Hg	1	3162212	< 1	< 1	0.0%	< 1	1.6	1.3	126%	80%	120%	
In	1	3162212	1	3		< 1				80%	120%	
K	1	3162212	0.15	0.15	0.0%	< 0.01				80%	120%	
La	1	3162212	21	20	4.9%	< 1				80%	120%	
Li	1	3162212	19	19	0.0%	< 1				80%	120%	
Mg	1	3162212	1.42	1.45	2.1%	< 0.01				80%	120%	
Mn	1	3162212	580	573	1.2%	< 1				80%	120%	
Mo	1	3162212	83.1	80.8	2.8%	< 0.5				80%	120%	
Na	1	3162212	0.07	0.07	0.0%	< 0.01				80%	120%	
Ni	1	3162212	22.0	22.4	1.8%	< 0.5				80%	120%	
P	1	3162212	1050	1010	3.9%	< 10				80%	120%	
Pb	1	3162212	31.4	29.0	7.9%	< 0.5				80%	120%	
Rb	1	3162212	17	16	6.1%	< 10	15	13	116%	80%	120%	
S	1	3162212	0.232	0.226	2.6%	< 0.005				80%	120%	



Quality Assurance

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U580097

PROJECT NO:

ATTENTION TO: Delio Tortosa

Solid Analysis (Continued)												
RPT Date: Mar 16, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
Sb	1	3162212	2	< 1	< 1	< 1			80%	120%		
Sc	1	3162212	5.27	5.20	1.3%	< 0.5			80%	120%		
Se	1	3162212	< 10	< 10	0.0%	< 10			80%	120%		
Sn	1	3162212	< 5	< 5	0.0%	< 5			80%	120%		
Sr	1	3162212	12.4	11.6	6.7%	< 0.5	323	290	111%	80%	120%	
Ta	1	3162212	< 10	< 10	0.0%	< 10	0.9	0.9	104%	80%	120%	
Te	1	3162212	< 10	< 10	0.0%	< 10			80%	120%		
Th	1	3162212	< 5	< 5	0.0%	< 5			80%	120%		
Ti	1	3162212	0.06	0.06	0.0%	< 0.01			80%	120%		
Tl	1	3162212	6	6	0.0%	< 5			80%	120%		
U	1	3162212	< 5	< 5	0.0%	< 5			80%	120%		
V	1	3162212	53.8	52.6	2.3%	< 0.5			80%	120%		
W	1	3162212	< 1	< 1	0.0%	< 1			80%	120%		
Y	1	3162212	14	14	0.0%	< 1			80%	120%		
Zn	1	3162212	129	139	7.5%	< 0.5			80%	120%		
Zr	1	3162212	11	11	0.0%	< 5			80%	120%		
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	3162237	< 0.2	< 0.2	0.0%	< 0.2			80%	120%		
Al	1	3162237	4.10	4.18	1.9%	< 0.01			80%	120%		
As	1	3162237	8	9	11.8%	< 1			80%	120%		
B	1	3162237	9	13		< 5			80%	120%		
Ba	1	3162237	12	12	0.0%	< 1			80%	120%		
Be	1	3162237	0.6	0.7	15.4%	< 0.5			80%	120%		
Bi	1	3162237	< 1	< 1	0.0%	< 1			80%	120%		
Ca	1	3162237	2.92	3.02	3.4%	< 0.01			80%	120%		
Cd	1	3162237	< 0.5	< 0.5	0.0%	< 0.5			80%	120%		
Ce	1	3162237	4	4	0.0%	< 1			80%	120%		
Co	1	3162237	26.4	27.0	2.2%	< 0.5	5.7	5.0	115%	80%	120%	
Cr	1	3162237	149	157	5.2%	< 0.5			80%	120%		
Cu	1	3162237	186	193	3.7%	< 0.5	3803	3800	100%	80%	120%	
Fe	1	3162237	6.33	6.42	1.4%	< 0.01			80%	120%		
Ga	1	3162237	13	15	14.3%	< 5			80%	120%		
Hg	1	3162237	< 1	< 1	0.0%	< 1	1.3	1.3	99%	80%	120%	
In	1	3162237	< 1	2		< 1			80%	120%		
K	1	3162237	0.01	0.01	0.0%	< 0.01			80%	120%		
La	1	3162237	1	1	0.0%	< 1			80%	120%		
Li	1	3162237	39	41	5.0%	< 1			80%	120%		
Mg	1	3162237	3.59	3.70	3.0%	< 0.01			80%	120%		
Mn	1	3162237	2000	2130	6.3%	< 1			80%	120%		
Mo	1	3162237	0.7	< 0.5		< 0.5			80%	120%		
Na	1	3162237	0.02	0.02	0.0%	< 0.01			80%	120%		
Ni	1	3162237	64.7	67.5	4.2%	< 0.5			80%	120%		
P	1	3162237	271	275	1.5%	< 10			80%	120%		
Pb	1	3162237	38.6	37.4	3.2%	< 0.5			80%	120%		



Quality Assurance

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U580097

PROJECT NO:

ATTENTION TO: Delio Tortosa

Solid Analysis (Continued)

RPT Date: Mar 16, 2012		REPLICATE					Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
							Lower			Upper		
Rb	1	3162237	< 10	< 10	0.0%	< 10	13	13	103%	80%	120%	
S	1	3162237	0.053	0.053	0.0%	< 0.005	0.96	0.80	120%	80%	120%	
Sb	1	3162237	< 1	< 1	0.0%	< 1				80%	120%	
Sc	1	3162237	14.3	15.5	8.1%	< 0.5				80%	120%	
Se	1	3162237	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	3162237	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	3162237	41.9	45.9	9.1%	< 0.5				80%	120%	
Ta	1	3162237	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	3162237	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	3162237	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	3162237	0.254	0.264	3.9%	< 0.01				80%	120%	
Tl	1	3162237	10	11	9.5%	< 5				80%	120%	
U	1	3162237	< 5	< 5	0.0%	< 5				80%	120%	
V	1	3162237	137	145	5.7%	< 0.5				80%	120%	
W	1	3162237	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	3162237	7	8	13.3%	< 1				80%	120%	
Zn	1	3162237	215	226	5.0%	< 0.5				80%	120%	
Zr	1	3162237	5	5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Co	1					< 0.5	6.2	5.0	124%	80%	120%	
Cu	1					< 0.5	3980	3800	104%	80%	120%	
Hg	1					< 1	1.4	1.3	105%	80%	120%	
Rb	1					< 10	13	13	101%	80%	120%	
Sr	1					< 0.5	332	290	114%	80%	120%	

Certified By:

Ron Cardinal



Method Summary

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U580097

PROJECT NO:

ATTENTION TO: Delio Tortosa

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Zn-OL			AA
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



CLIENT NAME: SUPERIOR COPPER CORPORATION
SUITE 2810-130 KING ST W, PO BOX 182
TORONTO, ON M5X1A6

ATTENTION TO: BRUCE EDGAR

PROJECT NO:

AGAT WORK ORDER: 12U577902

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Mar 08, 2012

PAGES (INCLUDING COVER): 16

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 12U577902

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Feb 27, 2012

DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 08, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Ag ppm 0.2	Al % 0.01	As ppm 1	B ppm 5	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01
E5205782	<0.2	2.84	14	9	27	<0.5	<1	16.9	<0.5	16	22.7	254	144	4.22	
E5205783	<0.2	3.87	12	10	29	0.7	<1	9.77	1.1	21	34.7	906	131	7.10	
E5205784	<0.2	4.98	13	13	13	0.6	<1	5.32	<0.5	11	38.3	396	11.8	7.68	
E5205785	<0.2	4.97	12	9	8	0.8	<1	4.91	<0.5	10	39.3	394	1.1	7.84	
E5205786	1.1	3.47	12	6	11	<0.5	<1	8.83	<0.5	8	28.2	736	4150	6.44	
E5205787	1.8	2.32	16	5	54	0.7	<1	2.03	<0.5	64	13.3	312	5450	4.50	
E5205788	<0.2	3.06	14	13	81	1.2	<1	2.78	<0.5	84	41.4	48.1	545	7.26	
E5205789	0.5	3.81	12	23	72	1.5	<1	4.18	<0.5	68	19.0	49.4	7630	8.51	
E5205790	18.9	1.25	451	<5	39	<0.5	<1	0.06	49.6	54	2.5	210	726	7.65	
E5205791	<0.2	2.97	45	36	88	1.6	<1	3.87	<0.5	51	18.9	82.1	1710	5.91	
E5205792	4.4	3.44	119	43	122	1.9	<1	4.15	<0.5	64	36.0	54.3	2400	8.31	
E5205793	1.6	2.81	51	60	100	1.8	<1	4.18	<0.5	53	35.3	48.4	1560	7.31	
E5205794	<0.2	2.86	44	36	91	1.6	<1	6.19	1.3	53	23.3	39.7	2340	6.37	
E5205795	<0.2	2.85	55	53	102	1.8	<1	11.6	2.0	50	20.7	33.2	3490	5.98	
E5205796	<0.2	3.14	26	15	75	1.4	<1	3.02	2.6	12	28.6	206	527	4.95	
E5205797	<0.2	3.61	11	8	26	0.7	<1	0.95	<0.5	8	25.5	122	282	6.24	
E5205798	<0.2	5.00	9	6	22	0.7	<1	1.14	<0.5	3	29.4	111	109	8.09	
E5205799	<0.2	4.54	10	<5	26	0.8	<1	1.55	<0.5	14	22.6	248	73.4	6.95	
E5205800	<0.2	0.03	<1	<5	2	<0.5	<1	0.03	<0.5	17	<0.5	0.8	2.4	0.03	
E5205801	<0.2	2.95	13	<5	23	0.5	<1	0.70	<0.5	50	14.0	126	76.1	4.23	
E5205802	<0.2	3.42	14	<5	22	0.6	<1	0.59	<0.5	46	17.1	188	19.8	5.16	
E5205803	<0.2	2.67	17	<5	29	0.6	<1	0.64	<0.5	30	12.1	175	10.8	4.10	
E5205804	<0.2	1.19	7	<5	26	<0.5	<1	0.48	<0.5	45	3.5	131	8.0	1.59	
E5205805	<0.2	0.92	7	<5	32	<0.5	<1	0.46	<0.5	42	2.1	106	9.2	1.22	
E5205806	<0.2	3.44	12	<5	22	0.7	<1	1.18	<0.5	19	17.7	166	10.0	5.05	
E5205807	<0.2	5.18	9	9	35	1.5	<1	1.58	<0.5	3	41.2	262	10.9	7.25	
E5205808	<0.2	3.02	11	<5	36	0.7	<1	2.82	<0.5	49	13.5	136	9.5	4.05	
E5205809	<0.2	4.95	9	5	33	1.1	<1	0.40	<0.5	89	27.6	266	16.5	8.67	
E5205810	18.8	1.30	441	<5	55	<0.5	<1	0.05	46.4	51	2.3	211	681	7.26	
E5205811	<0.2	5.86	7	11	25	1.2	<1	0.73	1.4	9	48.7	332	9.2	9.86	
E5205812	<0.2	5.01	16	13	30	1.3	<1	2.40	<0.5	20	40.6	259	52.0	8.00	
E5205813	<0.2	4.98	13	6	29	1.2	<1	1.50	<0.5	27	39.9	290	11.9	8.63	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U577902

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Feb 27, 2012	DATE RECEIVED: Feb 27, 2012					DATE REPORTED: Mar 08, 2012					SAMPLE TYPE: Rock				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5205814	<0.2	5.08	21	<5	14	0.8	<1	1.48	<0.5	22	35.2	249	15.2	9.44	
E5205815	<0.2	1.93	14	<5	22	<0.5	<1	0.61	<0.5	44	13.0	71.6	25.0	3.30	
E5205816	<0.2	5.63	8	9	35	1.4	<1	0.70	<0.5	7	36.8	279	2.0	7.59	
E5205817	<0.2	4.63	6	7	51	1.2	<1	0.50	<0.5	4	23.3	265	9.5	5.90	
E5205818	<0.2	1.64	11	<5	16	<0.5	<1	2.68	<0.5	18	8.8	262	37.7	2.75	
E5205819	<0.2	3.17	4	<5	20	<0.5	<1	0.29	<0.5	48	13.0	141	7.0	6.73	
E5205820	<0.2	1.48	5	<5	13	<0.5	<1	0.35	<0.5	35	9.6	150	16.4	2.73	
E5205821	<0.2	4.82	7	10	14	0.8	2	0.21	2.5	9	33.7	283	7.0	9.78	

Certified By:



Certificate of Analysis

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Feb 27, 2012

DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 08, 2012

SAMPLE TYPE: Rock

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5205782	14	<1	<1	0.09	5	29	3.36	2060	1.6	0.01	146	197	11.2	26
E5205783	18	<1	<1	0.05	10	44	4.28	3250	1.0	<0.01	294	301	17.8	16
E5205784	21	<1	<1	0.10	5	38	4.82	2690	0.6	<0.01	160	448	7.0	22
E5205785	21	<1	<1	0.02	4	30	5.52	2650	<0.5	<0.01	200	417	7.1	<10
E5205786	20	<1	<1	0.08	5	16	3.29	2210	2.0	<0.01	432	293	2.7	20
E5205787	11	<1	<1	0.41	28	13	1.57	957	1.6	0.01	112	2030	13.2	54
E5205788	15	<1	<1	0.41	35	23	2.64	1020	1.0	0.03	72.4	1910	10.2	60
E5205789	19	<1	<1	0.42	32	25	2.96	1530	1.9	0.07	63.5	1230	13.1	57
E5205790	5	6	<1	0.29	26	7	0.96	212	5.0	0.01	3.7	64	2370	14
E5205791	14	<1	<1	0.35	24	87	2.14	1610	1.6	0.05	44.8	1280	48.1	34
E5205792	16	<1	<1	0.37	31	106	2.45	1800	2.2	0.03	57.4	1530	47.7	32
E5205793	15	<1	<1	0.35	24	84	2.19	1330	0.8	0.03	48.1	872	29.2	24
E5205794	14	<1	2	0.27	25	87	2.08	1720	0.7	0.02	48.2	1280	41.1	27
E5205795	15	<1	2	0.37	24	104	2.23	1920	1.0	0.03	36.5	1370	54.9	40
E5205796	13	<1	3	0.49	6	54	2.61	1050	0.8	0.02	74.1	248	28.9	67
E5205797	16	<1	<1	0.18	4	24	3.54	1180	9.6	0.01	31.8	342	7.1	25
E5205798	21	<1	<1	0.14	2	34	5.64	1470	<0.5	0.02	49.3	282	7.7	21
E5205799	16	<1	2	0.16	7	32	5.01	1120	<0.5	0.01	50.6	335	10.2	22
E5205800	<5	<1	<1	0.01	8	<1	0.02	5	<0.5	<0.01	<0.5	31	<0.5	<10
E5205801	12	<1	<1	0.14	24	22	3.30	754	1.6	0.09	38.5	589	5.2	17
E5205802	18	<1	<1	0.15	23	24	4.07	941	1.9	0.08	68.6	513	36.0	18
E5205803	12	<1	<1	0.14	15	21	3.32	617	59.3	0.08	48.9	139	40.4	14
E5205804	6	<1	3	0.14	22	6	1.00	276	4.5	0.11	6.0	105	2.8	13
E5205805	6	<1	<1	0.15	20	4	0.61	215	4.3	0.12	2.0	96	1.9	13
E5205806	16	<1	1	0.08	10	27	4.34	933	19.8	0.05	73.3	151	89.2	<10
E5205807	16	<1	<1	0.16	2	58	6.88	1780	44.1	0.10	164	261	5.9	26
E5205808	13	<1	<1	0.22	23	24	3.15	1250	4.5	0.04	41.5	605	8.8	30
E5205809	22	<1	<1	0.15	46	29	5.88	1420	26.8	0.04	112	343	32.7	18
E5205810	5	5	<1	0.31	25	7	0.97	209	5.0	0.02	3.6	64	2220	14
E5205811	23	<1	<1	0.18	6	41	6.52	1900	24.8	0.03	136	247	20.4	28
E5205812	19	<1	<1	0.32	11	34	4.99	2330	4.2	0.02	118	288	52.4	50
E5205813	20	<1	<1	0.24	15	30	5.40	1950	6.5	0.03	135	235	26.4	35

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U577902

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Feb 27, 2012	DATE RECEIVED: Feb 27, 2012						DATE REPORTED: Mar 08, 2012				SAMPLE TYPE: Rock			
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5205814	22	<1	<1	0.14	12	25	5.29	2050	7.0	0.04	111	334	57.9	21
E5205815	11	<1	<1	0.23	22	8	1.53	601	6.4	0.09	7.2	680	132	25
E5205816	19	<1	<1	0.08	5	50	7.62	1510	2.2	0.02	102	232	11.1	<10
E5205817	16	<1	<1	0.12	3	43	6.14	1220	2.2	0.04	66.6	258	6.9	13
E5205818	6	<1	<1	0.06	8	15	1.84	749	1.2	0.02	16.8	97	2.0	<10
E5205819	12	<1	<1	0.10	23	17	3.24	545	64.0	0.11	34.1	340	5.2	<10
E5205820	9	<1	<1	0.09	17	8	1.35	326	32.1	0.12	14.8	383	2.9	<10
E5205821	26	<1	3	0.03	6	28	5.33	1210	5.5	0.03	80.2	190	7.7	<10

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U577902

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Feb 27, 2012

DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 08, 2012

SAMPLE TYPE: Rock

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5205782	0.198	7	12.4	<10	<5	52.8	<10	<10	<5	0.21	5	<5	113	<1
E5205783	0.115	6	12.4	<10	<5	49.2	<10	<10	<5	0.05	6	<5	158	<1
E5205784	0.062	5	13.9	<10	<5	36.8	<10	<10	<5	0.07	10	<5	189	<1
E5205785	0.057	3	15.2	<10	<5	43.3	<10	<10	<5	0.18	13	<5	185	<1
E5205786	0.303	5	12.3	<10	<5	36.2	<10	<10	<5	0.06	6	<5	197	<1
E5205787	0.182	4	9.2	<10	<5	20.9	<10	<10	<5	0.04	8	<5	125	<1
E5205788	0.392	4	11.1	<10	<5	54.4	<10	<10	<5	0.13	9	<5	228	<1
E5205789	0.624	<1	16.7	<10	<5	65.3	<10	<10	<5	0.69	26	<5	287	<1
E5205790	7.86	34	8.4	<10	<5	5.2	<10	13	<5	<0.01	<5	<5	13.9	<1
E5205791	0.057	8	8.1	<10	<5	33.9	<10	<10	<5	0.05	7	<5	112	<1
E5205792	0.075	5	10.9	<10	<5	38.3	<10	<10	<5	0.13	10	<5	132	<1
E5205793	0.053	6	10.8	<10	<5	38.9	<10	<10	<5	0.09	9	<5	125	<1
E5205794	0.073	7	8.0	<10	<5	37.1	<10	<10	<5	0.03	6	<5	101	<1
E5205795	0.141	8	9.9	<10	<5	59.3	<10	<10	<5	0.12	6	<5	130	<1
E5205796	0.041	5	13.1	<10	<5	21.5	<10	<10	<5	0.01	8	<5	117	<1
E5205797	0.095	2	18.7	<10	<5	11.4	<10	<10	<5	0.06	7	<5	201	<1
E5205798	0.099	3	24.8	<10	<5	10.6	<10	<10	<5	0.03	6	<5	262	<1
E5205799	0.172	2	16.1	<10	<5	5.5	<10	<10	<5	<0.01	7	<5	175	<1
E5205800	0.009	<1	0.6	<10	<5	0.7	<10	<10	<5	<0.01	<5	<5	0.6	<1
E5205801	0.050	1	8.9	<10	<5	9.9	<10	<10	<5	0.02	<5	<5	87.8	<1
E5205802	0.069	2	11.9	<10	<5	7.8	<10	<10	<5	0.01	<5	<5	120	<1
E5205803	0.122	2	11.5	<10	<5	5.5	<10	<10	<5	<0.01	<5	<5	92.6	<1
E5205804	0.032	2	6.0	<10	<5	4.4	<10	<10	<5	<0.01	<5	<5	16.9	<1
E5205805	0.025	2	5.5	<10	<5	4.9	<10	<10	<5	<0.01	<5	<5	8.1	<1
E5205806	0.162	3	11.4	<10	<5	6.6	<10	<10	<5	<0.01	5	<5	92.9	<1
E5205807	0.025	2	22.9	<10	<5	17.9	<10	<10	<5	0.07	7	<5	221	<1
E5205808	0.072	4	6.4	<10	<5	12.6	<10	<10	<5	<0.01	7	<5	72.4	<1
E5205809	0.062	<1	25.1	<10	<5	4.8	<10	<10	<5	0.01	<5	<5	236	<1
E5205810	7.46	34	8.2	<10	<5	7.5	<10	14	<5	<0.01	<5	<5	13.9	<1
E5205811	0.169	<1	27.1	<10	<5	8.4	<10	<10	<5	0.02	6	<5	270	<1
E5205812	0.155	4	22.3	<10	<5	20.4	<10	<10	<5	0.01	8	<5	221	<1
E5205813	0.153	3	23.6	<10	<5	14.7	<10	<10	<5	<0.01	7	<5	239	<1

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U577902

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Feb 27, 2012	DATE RECEIVED: Feb 27, 2012					DATE REPORTED: Mar 08, 2012					SAMPLE TYPE: Rock				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
Sample Description	RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5205814		0.337	2	23.7	<10	<5	7.5	<10	<10	<5	0.01	7	<5	242	<1
E5205815		0.293	3	5.3	<10	<5	3.9	<10	<10	<5	<0.01	<5	<5	68.4	<1
E5205816		0.039	<1	27.1	<10	<5	11.1	<10	<10	<5	0.09	6	<5	255	<1
E5205817		0.018	2	24.2	<10	<5	8.7	<10	<10	<5	0.01	6	<5	233	<1
E5205818		0.048	5	7.5	<10	<5	7.3	<10	<10	<5	<0.01	8	<5	52.4	<1
E5205819		0.172	<1	11.2	<10	<5	6.3	<10	<10	<5	0.03	<5	<5	114	<1
E5205820		0.064	<1	6.9	<10	<5	4.4	<10	<10	<5	0.01	<5	<5	48.7	<1
E5205821		0.793	<1	25.0	<10	<5	4.6	<10	<10	<5	0.03	<5	<5	259	<1

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Feb 27, 2012 DATE RECEIVED: Feb 27, 2012 DATE REPORTED: Mar 08, 2012 SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5
E5205782		11	123	<5
E5205783		14	487	<5
E5205784		8	271	8
E5205785		9	252	7
E5205786		8	143	10
E5205787		25	113	5
E5205788		22	152	<5
E5205789		24	67.4	<5
E5205790		14	9220	51
E5205791		26	497	<5
E5205792		25	565	<5
E5205793		19	307	<5
E5205794		21	484	<5
E5205795		20	422	<5
E5205796		8	298	9
E5205797		14	91.7	8
E5205798		11	109	<5
E5205799		7	89.8	<5
E5205800		<1	0.8	<5
E5205801		9	66.1	16
E5205802		8	79.9	13
E5205803		7	57.8	21
E5205804		6	24.7	31
E5205805		5	18.1	31
E5205806		7	83.9	15
E5205807		12	135	<5
E5205808		14	71.5	8
E5205809		12	105	<5
E5205810		13	8640	50
E5205811		10	126	<5
E5205812		14	113	<5
E5205813		15	108	<5

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U577902

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Feb 27, 2012

DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 08, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte:	Y	Zn	Zr
	Unit:	ppm	ppm	ppm
	RDL:	1	0.5	5
E5205814		11	107	<5
E5205815		7	47.2	12
E5205816		15	131	<5
E5205817		7	123	<5
E5205818		11	48.5	<5
E5205819		7	50.1	11
E5205820		6	31.4	23
E5205821		10	95.9	<5

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U577902

PROJECT NO:

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Feb 27, 2012 DATE RECEIVED: Feb 27, 2012 DATE REPORTED: Mar 08, 2012 SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5205782		1.00	0.004
E5205783		0.78	0.005
E5205784		1.48	0.004
E5205785		1.46	0.006
E5205786		1.60	0.008
E5205787		1.16	0.017
E5205788		1.46	0.003
E5205789		1.66	0.002
E5205790		0.08	0.455
E5205791		1.46	0.020
E5205792		1.36	0.009
E5205793		1.04	0.010
E5205794		1.06	0.061
E5205795		1.32	0.044
E5205796		1.68	0.015
E5205797		1.36	0.007
E5205798		1.64	0.003
E5205799		1.76	0.009
E5205800		0.08	0.002
E5205801		1.36	0.003
E5205802		1.58	0.003
E5205803		1.38	0.003
E5205804		1.26	<0.001
E5205805		1.54	0.002
E5205806		1.74	0.007
E5205807		1.24	0.006
E5205808		1.60	0.008
E5205809		1.74	0.016
E5205810		0.08	0.489
E5205811		1.36	0.003
E5205812		1.06	0.005

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12U577902

PROJECT NO:

5623 McADAM ROAD
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CANADA L4Z 1N9
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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Feb 27, 2012

DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 08, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5205813		1.48	0.005
E5205814		1.28	0.008
E5205815		1.56	0.005
E5205816		1.00	0.002
E5205817		1.42	0.003
E5205818		1.84	0.003
E5205819		1.48	0.003
E5205820		1.74	0.002
E5205821		1.94	0.019

Comments: RDL - Reported Detection Limit

Certified By:



Quality Assurance

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U577902

PROJECT NO:

ATTENTION TO: BRUCE EDGAR

Solid Analysis											
RPT Date: Mar 08, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3146423	0.0040	0.0047	16.1%	< 0.001	0.853	0.922	92%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3146436	0.0443	0.0489	9.9%	< 0.001	0.0754	0.0849	89%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3146448	0.0061	0.0081	28.2%	< 0.001	0.19	0.203	94%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1					< 0.001	0.907	0.922	98%	90%	110%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	3146423	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	3146423	2.84	2.67	6.2%	< 0.01				80%	120%
As	1	3146423	14	14	0.0%	< 1				80%	120%
B	1	3146423	9	8	11.8%	< 5				80%	120%
Ba	1	3146423	27	25	7.7%	< 1				80%	120%
Be	1	3146423	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	3146423	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	3146423	16.9	15.9	6.1%	< 0.01				80%	120%
Cd	1	3146423	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	3146423	16	16	0.0%	< 1				80%	120%
Co	1	3146423	22.7	21.7	4.5%	< 0.5	6.2	5.0	123%	80%	120%
Cr	1	3146423	254	245	3.6%	< 0.5				80%	120%
Cu	1	3146423	144	139	3.5%	< 0.5	3838	3800	101%	80%	120%
Fe	1	3146423	4.22	4.12	2.4%	< 0.01				80%	120%
Ga	1	3146423	14	13	7.4%	< 5				80%	120%
Hg	1	3146423	< 1	< 1	0.0%	< 1	1.3	1.3	103%	80%	120%
In	1	3146423	< 1	< 1	0.0%	< 1				80%	120%
K	1	3146423	0.087	0.079	9.6%	< 0.01				80%	120%
La	1	3146423	5	5	0.0%	< 1				80%	120%
Li	1	3146423	29	29	0.0%	< 1				80%	120%
Mg	1	3146423	3.36	3.30	1.8%	< 0.01				80%	120%
Mn	1	3146423	2060	1990	3.5%	< 1				80%	120%
Mo	1	3146423	1.63	1.65	1.2%	< 0.5				80%	120%
Na	1	3146423	0.01	< 0.01		< 0.01				80%	120%
Ni	1	3146423	146	143	2.1%	< 0.5				80%	120%
P	1	3146423	197	185	6.3%	< 10				80%	120%
Pb	1	3146423	11.2	9.9	12.3%	< 0.5				80%	120%
Rb	1	3146423	26	24	8.0%	< 10	12	13	89%	80%	120%
S	1	3146423	0.198	0.195	1.5%	< 0.005				80%	120%
Sb	1	3146423	7	6	15.4%	< 1				80%	120%
Sc	1	3146423	12.4	11.4	8.4%	< 0.5				80%	120%
Se	1	3146423	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	3146423	< 5	< 5	0.0%	< 5				80%	120%



Quality Assurance

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U577902

PROJECT NO:

ATTENTION TO: BRUCE EDGAR

Solid Analysis (Continued)												
RPT Date: Mar 08, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
Sr	1	3146423	52.8	51.9	1.7%	< 0.5				80%	120%	
Ta	1	3146423	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	3146423	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	3146423	< 5	< 5	0.0%	< 5	1.7	1.4	122%	80%	120%	
Ti	1	3146423	0.207	0.191	8.0%	< 0.01				80%	120%	
Tl	1	3146423	5	5	0.0%	< 5				80%	120%	
U	1	3146423	< 5	< 5	0.0%	< 5				80%	120%	
V	1	3146423	113	108	4.5%	< 0.5				80%	120%	
W	1	3146423	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	3146423	11	10	9.5%	< 1				80%	120%	
Zn	1	3146423	123	122	0.8%	0.9				80%	120%	
Zr	1	3146423	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	3146448	< 0.2	< 0.2	0.0%	< 0.2				80%	120%	
Al	1	3146448	5.18	4.74	8.9%	< 0.01				80%	120%	
As	1	3146448	9	6		< 1				80%	120%	
B	1	3146448	9	11	20.0%	< 5				80%	120%	
Ba	1	3146448	35	35	0.0%	< 1				80%	120%	
Be	1	3146448	1.5	1.5	0.0%	< 0.5				80%	120%	
Bi	1	3146448	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	3146448	1.58	1.49	5.9%	< 0.01				80%	120%	
Cd	1	3146448	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Ce	1	3146448	3	2		< 1				80%	120%	
Co	1	3146448	41.2	39.0	5.5%	< 0.5	5.9	5.0	118%	80%	120%	
Cr	1	3146448	262	253	3.5%	< 0.5				80%	120%	
Cu	1	3146448	10.9	10.4	4.7%	< 0.5	3845	3800	101%	80%	120%	
Fe	1	3146448	7.25	6.71	7.7%	< 0.01				80%	120%	
Ga	1	3146448	16	17	6.1%	< 5				80%	120%	
Hg	1	3146448	< 1	< 1	0.0%	< 1				80%	120%	
In	1	3146448	< 1	< 1	0.0%	< 1				80%	120%	
K	1	3146448	0.157	0.154	1.9%	< 0.01				80%	120%	
La	1	3146448	2	2	0.0%	< 1				80%	120%	
Li	1	3146448	58	56	3.5%	< 1				80%	120%	
Mg	1	3146448	6.88	6.30	8.8%	< 0.01				80%	120%	
Mn	1	3146448	1780	1690	5.2%	< 1				80%	120%	
Mo	1	3146448	44.1	44.2	0.2%	< 0.5				80%	120%	
Na	1	3146448	0.097	0.092	5.3%	< 0.01				80%	120%	
Ni	1	3146448	164	159	3.1%	< 0.5				80%	120%	
P	1	3146448	261	244	6.7%	< 10				80%	120%	
Pb	1	3146448	5.9	6.2	5.0%	< 0.5				80%	120%	
Rb	1	3146448	26	25	3.9%	< 10	12	13	96%	80%	120%	
S	1	3146448	0.025	0.025	0.0%	< 0.005				80%	120%	
Sb	1	3146448	2	3		< 1				80%	120%	
Sc	1	3146448	22.9	22.2	3.1%	< 0.5				80%	120%	



Quality Assurance

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U577902

PROJECT NO:

ATTENTION TO: BRUCE EDGAR

Solid Analysis (Continued)												
RPT Date: Mar 08, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
Se	1	3146448	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	3146448	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	3146448	17.9	18.6	3.8%	1.0	317	390	81%	80%	120%	
Ta	1	3146448	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	3146448	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	3146448	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	3146448	0.074	0.092	21.7%	< 0.01				80%	120%	
Tl	1	3146448	7	8	13.3%	< 5				80%	120%	
U	1	3146448	< 5	< 5	0.0%	< 5				80%	120%	
V	1	3146448	221	214	3.2%	< 0.5				80%	120%	
W	1	3146448	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	3146448	12	12	0.0%	< 1				80%	120%	
Zn	1	3146448	135	128	5.3%	< 0.5				80%	120%	
Zr	1	3146448	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	3146462	< 0.2	< 0.2	0.0%	< 0.2				80%	120%	
Al	1	3146462	4.82	5.08	5.3%	< 0.01				80%	120%	
As	1	3146462	7	6	15.4%	< 1				80%	120%	
B	1	3146462	10	9	10.5%	< 5				80%	120%	
Ba	1	3146462	14	13	7.4%	< 1				80%	120%	
Be	1	3146462	0.76	0.72	5.4%	< 0.5				80%	120%	
Bi	1	3146462	2	< 1		< 1				80%	120%	
Ca	1	3146462	0.21	0.21	0.0%	< 0.01				80%	120%	
Cd	1	3146462	2.5	1.1		< 0.5				80%	120%	
Ce	1	3146462	9	9	0.0%	< 1				80%	120%	
Co	1	3146462	33.7	32.6	3.3%	< 0.5	5.9	5.0	119%	80%	120%	
Cr	1	3146462	283	272	4.0%	< 0.5				80%	120%	
Cu	1	3146462	7.0	7.0	0.0%	< 0.5	3860	3800	101%	80%	120%	
Fe	1	3146462	9.78	10.3	5.2%	< 0.01				80%	120%	
Ga	1	3146462	26	25	3.9%	< 5				80%	120%	
Hg	1	3146462	< 1	< 1	0.0%	< 1	1.2	1.3	96%	80%	120%	
In	1	3146462	3	< 1		< 1				80%	120%	
K	1	3146462	0.03	0.03	0.0%	< 0.01				80%	120%	
La	1	3146462	6	6	0.0%	< 1				80%	120%	
Li	1	3146462	28	28	0.0%	< 1				80%	120%	
Mg	1	3146462	5.33	5.62	5.3%	< 0.01				80%	120%	
Mn	1	3146462	1210	1160	4.2%	< 1				80%	120%	
Mo	1	3146462	5.45	4.33	22.9%	< 0.5				80%	120%	
Na	1	3146462	0.03	0.03	0.0%	< 0.01				80%	120%	
Ni	1	3146462	80.2	78.9	1.6%	< 0.5				80%	120%	
P	1	3146462	190	177	7.1%	< 10				80%	120%	
Pb	1	3146462	7.7	8.9	14.5%	< 0.5				80%	120%	
Rb	1	3146462	< 10	< 10	0.0%	< 10	13	13	98%	80%	120%	
S	1	3146462	0.793	0.800	0.9%	< 0.005				80%	120%	



Quality Assurance

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U577902

PROJECT NO:

ATTENTION TO: BRUCE EDGAR

Solid Analysis (Continued)										
RPT Date: Mar 08, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
						Lower				Upper

Sb	1	3146462	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	3146462	25.0	23.3	7.0%	< 0.5				80%	120%
Se	1	3146462	< 10	12		< 10				80%	120%
Sn	1	3146462	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	3146462	4.6	4.8	4.3%	< 0.5	312	390	80%	80%	120%
Ta	1	3146462	< 10	< 10	0.0%	< 10				80%	120%
Te	1	3146462	< 10	< 10	0.0%	< 10				80%	120%
Th	1	3146462	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	3146462	0.03	0.03	0.0%	< 0.01				80%	120%
Tl	1	3146462	< 5	< 5	0.0%	< 5				80%	120%
U	1	3146462	< 5	< 5	0.0%	< 5				80%	120%
V	1	3146462	259	253	2.3%	< 0.5				80%	120%
W	1	3146462	< 1	< 1	0.0%	< 1				80%	120%
Y	1	3146462	10	9	10.5%	< 1				80%	120%
Zn	1	3146462	95.9	92.9	3.2%	< 0.5				80%	120%
Zr	1	3146462	< 5	< 5	0.0%	< 5				80%	120%

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

Co	1					< 0.5	5.8	5.0	117%	80%	120%
Cu	1					< 0.5	3723	3800	97%	80%	120%
Hg	1					< 1	1.4	1.3	106%	80%	120%
Rb	1					< 10	12	13	95%	80%	120%
Th	1					< 5	1.5	1.4	105%	80%	120%

Certified By: _____



Method Summary

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 12U577902

PROJECT NO:

ATTENTION TO: BRUCE EDGAR

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES



CLIENT NAME: CENIT CORPORATION
SUITE 2810-130 KING ST W, PO BOX 182
TORONTO, ON M5X1A6

ATTENTION TO: DELIO TORTOSA

PROJECT NO:

AGAT WORK ORDER: 11U558637

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Jan 23, 2012

PAGES (INCLUDING COVER): 24

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

*NOTES

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



Certificate of Analysis

AGAT WORK ORDER: 11U558637

PROJECT NO:

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

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Dec 13, 2011

DATE RECEIVED: Dec 07, 2011

DATE REPORTED: Jan 23, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Ag ppm 0.2	Al % 0.01	As ppm 1	B ppm 5	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01
E5205697		1.7	0.82	26	6	28	<0.5	<1	0.22	<0.5	10	11.4	415	623	3.41
E5205698		1.6	2.34	135	7	50	0.8	2	1.80	<0.5	44	37.6	151	1250	5.74
E5205699		0.5	3.35	9	11	37	1.1	<1	2.84	<0.5	52	30.8	116	4520	7.31
E5205700		<0.2	0.03	2	<5	2	<0.5	<1	0.03	<0.5	16	<0.5	0.8	1.9	0.03
E5205701		<0.2	4.51	8	<5	25	0.8	<1	3.40	<0.5	5	26.5	199	229	7.03
E5205702		<0.2	6.66	8	12	13	0.8	<1	3.20	<0.5	3	36.8	304	49.9	9.42
E5205703		1.1	2.57	12	<5	18	<0.5	<1	7.86	<0.5	8	42.6	202	452	3.91
E5205704		<0.2	5.41	8	14	30	0.8	1	3.60	<0.5	3	48.0	264	178	8.19
E5205705		<0.2	4.51	9	9	18	0.8	<1	4.03	<0.5	10	32.2	196	171	7.52
E5205706		4.6	1.30	14	<5	11	0.5	24	1.78	<0.5	<1	11.9	137	1290	1.98
E5205707		<0.2	1.79	7	<5	11	<0.5	<1	1.02	<0.5	2	11.3	112	62.3	2.95
E5205708		0.3	3.66	19	10	34	0.9	<1	1.55	<0.5	2	22.3	209	138	5.41
E5205709		NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5205710		<0.2	2.28	7	5	41	0.5	<1	1.06	<0.5	38	12.4	74.9	313	3.31
E5205711		2.1	3.99	12	14	49	1.3	<1	4.59	<0.5	6	34.5	275	2250	5.68
E5205712		<0.2	3.47	8	8	58	0.8	<1	2.87	<0.5	23	38.8	234	496	5.32
E5205713		<0.2	4.95	7	5	13	0.6	<1	2.20	<0.5	11	23.2	269	20.7	8.34
E5205714		<0.2	3.39	12	9	29	0.7	<1	1.96	<0.5	12	22.1	218	160	5.55
E5205715		0.2	1.87	9	<5	28	<0.5	<1	1.28	<0.5	43	10.1	106	395	2.79
E5205716		1.0	2.73	10	9	5	0.9	<1	4.89	<0.5	7	11.6	382	2840	3.27
E5205717		3.7	3.00	12	<5	26	0.5	<1	4.83	<0.5	1	16.1	295	6170	3.97
E5205718		<0.2	4.64	9	6	16	0.7	<1	7.39	<0.5	12	36.4	372	288	6.85
E5205719		21.7	2.48	49	6	41	0.7	<1	7.28	<0.5	<1	26.5	357	>10000	7.21
E5205720		0.9	3.26	27	13	61	1.5	<1	3.06	<0.5	74	27.1	42.2	302	8.25
E5205721		<0.2	3.27	6	8	79	0.9	<1	2.88	<0.5	86	39.4	65.7	2930	8.02
E5205722		<0.2	2.92	30	37	150	1.7	<1	2.78	<0.5	64	32.8	54.3	1360	6.15
E5205723		<0.2	2.14	44	46	56	1.3	<1	6.35	<0.5	35	12.0	90.9	1520	3.46
E5205724		1.2	2.14	23	14	57	1.1	1	1.68	<0.5	18	22.1	438	1550	7.04
E5205725		1.6	1.39	41	12	36	0.6	<1	0.51	<0.5	2	22.3	312	5350	4.49
E5205726		2.3	0.39	27	5	22	<0.5	<1	0.16	<0.5	<1	2.4	189	8610	0.50
E5205727		1.1	0.27	21	<5	23	<0.5	<1	0.58	<0.5	7	1.7	172	1670	1.26
E5205728		0.5	0.74	39	7	31	0.6	4	4.49	<0.5	5	9.2	188	2610	9.40

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U558637

PROJECT NO:

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

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Dec 13, 2011

DATE RECEIVED: Dec 07, 2011

DATE REPORTED: Jan 23, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Ag ppm 0.2	Al % 0.01	As ppm 1	B ppm 5	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01
E5205729		1.2	1.58	85	17	56	1.1	3	14.6	6.2	49	18.1	91.5	869	6.19
E5205730		28.1	0.99	647	<5	7	<0.5	7	0.12	143	32	5.5	201	1830	10.3
E5205731		<0.2	3.98	21	8	42	1.3	<1	3.61	<0.5	98	48.3	103	479	7.81
E5205732		<0.2	4.24	8	7	11	0.7	<1	3.86	<0.5	57	38.6	111	1320	8.13
E5205733		<0.2	4.38	15	8	14	1.0	<1	3.08	<0.5	71	43.5	113	921	7.63
E5205734		<0.2	4.11	14	6	60	1.2	<1	2.64	<0.5	77	57.1	110	312	7.33
E5205735		<0.2	3.76	14	<5	24	1.0	<1	4.43	<0.5	72	47.0	110	481	6.90
E5205736		4.9	3.13	13	9	16	0.9	<1	7.69	<0.5	28	43.2	103	4650	5.55
E5205737		<0.2	2.23	9	9	22	0.7	<1	1.20	<0.5	41	11.9	83.0	135	3.29
E5205738		<0.2	4.04	8	<5	6	0.7	<1	1.76	<0.5	4	35.9	228	223	6.31
E5205739		<0.2	2.02	8	<5	20	<0.5	<1	1.78	<0.5	3	15.6	138	305	3.00
E5205740		<0.2	0.03	2	<5	2	<0.5	<1	0.03	<0.5	17	<0.5	0.9	1.6	0.03
E5205741		0.3	1.48	7	<5	9	<0.5	<1	1.74	<0.5	2	11.4	162	33.5	2.44
E5205742		<0.2	2.97	8	<5	13	<0.5	<1	1.71	<0.5	3	27.0	163	31.2	5.02
E5205743		<0.2	2.90	7	<5	7	0.6	<1	2.70	<0.5	3	20.2	179	117	4.93
E5205744		<0.2	0.78	6	<5	20	<0.5	<1	0.24	<0.5	25	4.0	94.6	6.7	1.21
E5205745		<0.2	3.23	8	<5	10	0.5	<1	1.25	<0.5	4	22.3	174	274	5.38
E5205746		0.7	3.53	5	<5	7	0.7	<1	0.27	<0.5	2	18.5	102	1100	5.37
E5205747		0.8	0.36	209	<5	1	<0.5	<1	4.94	4.5	1	73.7	18.7	1250	4.86
E5205748		<0.2	3.24	17	13	42	0.6	<1	15.1	2.5	27	29.2	367	50.9	5.36
E5205749		0.3	3.12	13	8	51	1.1	<1	3.37	<0.5	78	24.8	28.9	2780	8.04
E5205750		<0.2	4.04	77	36	108	2.1	<1	4.94	<0.5	82	34.9	45.6	621	8.53
E5205751		0.5	1.79	172	15	70	0.8	<1	7.09	2.1	36	15.0	165	604	5.07
E5205752		0.7	1.91	65	5	49	0.7	<1	1.67	<0.5	11	11.5	432	692	3.96
E5205753		0.6	1.89	56	8	30	0.7	<1	2.66	0.6	12	18.4	651	427	5.16
E5205754		0.8	2.02	35	5	29	<0.5	<1	2.25	<0.5	7	15.4	269	358	4.71
E5205755		0.4	2.01	62	6	37	0.5	<1	2.89	1.5	8	13.8	193	213	5.54
E5205756		<0.2	2.91	10	<5	18	<0.5	<1	1.74	1.0	9	17.8	198	845	4.48
E5205757		<0.2	2.40	20	<5	32	<0.5	<1	0.99	<0.5	72	11.1	89.8	512	3.45
E5205758		<0.2	4.55	34	<5	12	1.7	3	0.82	0.6	17	44.4	62.9	203	7.98
E5205759		<0.2	6.13	5	<5	31	1.2	<1	0.59	<0.5	2	41.3	631	219	8.62
E5205760		17.6	1.30	430	<5	22	<0.5	3	0.05	43.7	52	2.3	197	695	7.31

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U558637

PROJECT NO:

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

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Dec 13, 2011

DATE RECEIVED: Dec 07, 2011

DATE REPORTED: Jan 23, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Ag ppm 0.2	Al % 0.01	As ppm 1	B ppm 5	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01
E5205761		<0.2	5.43	10	<5	40	0.8	<1	0.49	<0.5	3	38.5	447	519	7.96
E5205762		<0.2	5.87	7	10	37	1.1	<1	0.90	<0.5	6	39.5	524	1100	8.25
E5205763		<0.2	3.37	6	<5	157	0.8	<1	1.11	<0.5	22	19.3	257	50.2	4.79
E5205764		<0.2	4.39	9	6	46	1.1	<1	2.10	<0.5	8	19.0	205	77.0	5.49
E5205765		<0.2	4.40	6	<5	27	1.1	<1	1.19	<0.5	2	33.4	370	64.9	6.35
E5205766		<0.2	4.44	8	<5	112	0.9	<1	2.50	<0.5	2	33.4	418	633	6.50
E5205767		<0.2	3.83	7	<5	23	0.6	<1	1.09	<0.5	2	33.1	339	160	5.96
E5205768		<0.2	5.59	7	8	19	1.1	<1	2.36	<0.5	5	27.4	409	3.0	8.07
E5205769		2.5	3.45	13	8	46	0.9	<1	10.7	<0.5	15	22.6	243	6490	6.05
E5205770		<0.2	4.77	6	<5	21	0.7	<1	2.95	<0.5	3	27.4	412	10.8	7.17
E5205771		<0.2	5.21	11	10	56	1.0	2	3.37	<0.5	6	26.5	370	163	7.31
E5205772		<0.2	4.58	9	<5	44	0.7	<1	2.64	<0.5	7	22.9	325	11.8	6.17
E5205773		<0.2	4.59	11	<5	47	0.7	<1	3.68	<0.5	10	19.5	329	29.5	5.78
E5205774		<0.2	3.90	9	<5	49	<0.5	<1	5.54	<0.5	12	22.9	228	1560	5.78
E5205775		<0.2	5.87	9	7	31	0.7	2	4.63	<0.5	9	34.2	325	<0.5	8.37
E5205776		<0.2	2.89	34	<5	30	0.6	<1	10.9	<0.5	15	16.8	153	1010	4.26
E5205777		<0.2	4.27	11	<5	36	0.9	<1	4.90	<0.5	14	19.2	146	5.9	5.52
E5205778		<0.2	3.76	13	<5	54	0.8	<1	8.35	<0.5	17	16.9	114	401	4.79
E5205779		1.5	2.61	108	<5	20	0.7	2	3.82	<0.5	13	191	116	1890	6.82
E5205780		0.6	4.09	11	<5	32	0.6	<1	4.87	<0.5	24	25.7	82.4	3620	6.15
E5205781		1.2	3.80	14	<5	58	0.6	<1	4.22	<0.5	44	21.6	81.6	1630	5.14

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U558637

PROJECT NO:

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

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Dec 13, 2011

DATE RECEIVED: Dec 07, 2011

DATE REPORTED: Jan 23, 2012

SAMPLE TYPE: Rock

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5205697	<5	<1	<1	0.14	5	9	0.52	244	4.6	0.01	129	198	38.4	12
E5205698	<5	<1	<1	0.23	18	26	1.29	1370	1.2	0.02	155	2170	94.2	30
E5205699	8	<1	<1	0.11	22	22	2.72	2530	<0.5	0.02	80.8	1290	63.6	19
E5205700	<5	<1	<1	0.01	8	<1	0.02	5	<0.5	<0.01	<0.5	30	<0.5	<10
E5205701	<5	<1	<1	0.27	2	49	4.03	1920	0.8	0.03	66.7	274	80.8	35
E5205702	11	<1	<1	0.07	3	67	7.27	2950	<0.5	0.03	158	204	11.0	14
E5205703	6	<1	<1	0.12	3	26	2.27	1090	1.2	0.01	49.7	94	25.3	20
E5205704	13	<1	<1	0.22	3	57	5.06	2480	<0.5	0.02	116	207	35.7	30
E5205705	7	<1	<1	0.12	6	60	4.58	2190	<0.5	0.02	76.3	334	31.5	19
E5205706	<5	<1	<1	0.06	<1	6	0.88	410	2.3	0.06	28.0	255	23.1	<10
E5205707	<5	<1	3	0.05	<1	13	1.90	706	<0.5	0.12	25.7	209	7.7	<10
E5205708	7	<1	<1	0.16	1	32	3.57	1380	2.6	0.05	54.5	173	20.1	19
E5205709	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5205710	8	<1	<1	0.28	18	9	1.47	854	<0.5	0.10	11.8	715	5.3	36
E5205711	6	<1	<1	0.22	6	22	2.80	2230	<0.5	0.03	126	189	25.0	40
E5205712	<5	<1	<1	0.21	8	20	2.39	1410	0.7	0.08	125	1030	13.3	32
E5205713	9	<1	<1	0.07	6	26	4.76	2090	<0.5	0.07	98.6	217	8.5	12
E5205714	7	<1	<1	0.22	6	21	2.71	1350	<0.5	0.05	65.2	180	9.3	31
E5205715	<5	<1	<1	0.25	20	11	1.24	606	1.3	0.12	12.0	363	3.9	27
E5205716	5	<1	<1	0.03	4	22	1.37	925	2.0	<0.01	76.6	287	14.0	11
E5205717	6	<1	<1	0.19	3	45	2.08	1180	1.8	0.01	54.0	264	17.3	24
E5205718	10	<1	<1	0.09	4	65	5.13	2310	<0.5	0.01	265	327	8.9	21
E5205719	8	<1	<1	0.16	9	32	2.09	1700	1.4	0.02	134	686	67.2	29
E5205720	8	<1	<1	0.19	35	37	2.97	1660	<0.5	0.05	63.8	1010	11.4	30
E5205721	6	<1	<1	0.35	41	36	3.10	1020	<0.5	0.12	66.6	526	13.4	46
E5205722	8	<1	<1	0.53	31	108	2.66	1190	<0.5	0.08	47.1	398	18.9	48
E5205723	5	<1	<1	0.32	18	63	1.41	873	2.7	0.04	25.6	828	21.2	27
E5205724	<5	<1	<1	0.31	10	48	1.81	1290	1.5	0.02	149	546	24.0	37
E5205725	<5	<1	<1	0.22	4	35	1.19	556	3.4	0.02	118	226	26.2	19
E5205726	<5	<1	<1	0.22	<1	4	0.13	33	2.3	0.01	7.7	211	25.7	18
E5205727	<5	<1	<1	0.15	4	2	0.06	56	3.3	<0.01	5.7	146	11.4	12
E5205728	<5	<1	<1	0.08	3	13	0.58	798	5.1	<0.01	50.6	187	30.8	11

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U558637

PROJECT NO:

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

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Dec 13, 2011

DATE RECEIVED: Dec 07, 2011

DATE REPORTED: Jan 23, 2012

SAMPLE TYPE: Rock

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5205729	<5	<1	<1	0.23	19	23	0.93	1280	5.1	0.01	44.4	2150	35.3	42
E5205730	<5	14	1	0.24	16	7	0.64	233	6.4	0.01	4.3	50	3170	12
E5205731	9	<1	<1	0.29	36	33	2.21	2090	<0.5	0.02	54.2	3310	16.2	53
E5205732	10	<1	<1	0.07	21	25	2.92	2850	<0.5	0.01	57.4	2080	9.6	14
E5205733	10	<1	<1	0.10	28	38	2.55	2670	0.6	<0.01	62.6	2510	9.3	18
E5205734	7	<1	<1	0.25	28	55	2.07	2310	0.6	0.02	73.6	3550	9.4	26
E5205735	9	<1	<1	0.10	28	32	2.32	2610	<0.5	0.01	59.7	1610	9.3	17
E5205736	9	<1	<1	0.11	12	22	2.46	2560	0.8	0.01	38.0	932	15.8	20
E5205737	6	<1	<1	0.15	18	25	2.11	798	1.3	0.04	13.3	258	5.7	14
E5205738	9	<1	<1	0.03	<1	43	4.78	1570	2.4	0.06	95.8	225	7.2	<10
E5205739	<5	<1	<1	0.11	<1	16	1.82	650	2.5	0.14	50.2	229	12.4	12
E5205740	<5	<1	<1	0.01	8	<1	0.01	6	<0.5	<0.01	<0.5	33	<0.5	<10
E5205741	<5	<1	<1	0.04	<1	10	1.45	604	2.1	0.09	33.3	154	14.2	<10
E5205742	8	<1	<1	0.07	<1	25	3.24	1280	<0.5	0.07	68.4	166	8.0	11
E5205743	6	<1	<1	0.04	<1	18	3.59	1250	10.3	0.10	67.9	212	4.8	<10
E5205744	<5	<1	<1	0.10	12	5	0.62	172	4.3	0.07	3.7	89	3.8	<10
E5205745	7	<1	<1	0.04	2	21	3.38	888	<0.5	0.01	59.3	125	15.5	<10
E5205746	10	<1	<1	0.03	2	29	3.92	911	<0.5	0.01	39.8	150	12.8	<10
E5205747	<5	<1	<1	<0.01	<1	1	0.46	696	29.1	0.01	31.8	72	25.0	<10
E5205748	10	<1	<1	0.06	10	54	3.47	3330	1.0	<0.01	201	248	18.9	20
E5205749	8	<1	<1	0.18	35	27	2.47	1520	1.7	0.04	59.2	1100	12.3	27
E5205750	10	<1	<1	0.46	39	83	3.26	1740	0.5	0.03	73.1	1500	24.6	67
E5205751	<5	<1	<1	0.30	17	28	1.13	932	1.6	0.01	75.7	967	49.5	42
E5205752	<5	<1	<1	0.20	5	35	1.49	1470	<0.5	<0.01	136	371	35.1	27
E5205753	<5	<1	<1	0.08	5	26	1.52	1640	2.0	<0.01	137	217	55.9	14
E5205754	<5	<1	<1	0.16	3	17	1.45	1630	0.6	<0.01	36.9	170	32.9	25
E5205755	<5	<1	<1	0.14	3	18	1.61	1090	2.0	<0.01	40.0	169	61.2	19
E5205756	6	<1	<1	0.11	4	20	2.51	1080	0.9	<0.01	63.6	171	23.0	16
E5205757	7	<1	<1	0.19	33	17	2.02	701	2.1	0.03	14.5	453	5.2	20
E5205758	13	<1	1	0.04	7	56	5.60	1220	2.1	0.02	35.3	467	19.4	<10
E5205759	11	<1	<1	0.02	<1	72	7.60	1730	<0.5	0.04	101	252	9.1	<10
E5205760	<5	5	<1	0.28	24	7	0.95	202	4.6	0.01	3.1	68	2150	12

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U558637

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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Dec 13, 2011

DATE RECEIVED: Dec 07, 2011

DATE REPORTED: Jan 23, 2012

SAMPLE TYPE: Rock

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5205761	11	<1	<1	0.04	2	66	6.35	1400	<0.5	0.01	102	228	10.2	<10
E5205762	15	<1	<1	0.09	4	66	6.56	1720	<0.5	0.01	105	317	9.6	17
E5205763	10	<1	<1	0.03	9	37	4.14	1080	<0.5	0.06	51.8	511	6.1	<10
E5205764	8	<1	<1	0.10	4	36	3.66	1510	<0.5	0.01	61.6	281	7.5	16
E5205765	9	<1	<1	0.03	<1	47	5.67	1540	<0.5	0.06	68.0	269	9.6	<10
E5205766	11	<1	<1	0.02	<1	48	5.42	1600	<0.5	0.04	59.0	218	11.2	<10
E5205767	10	<1	<1	0.02	<1	33	4.45	1420	<0.5	0.06	59.3	232	23.2	<10
E5205768	10	<1	<1	0.01	1	58	5.89	2350	<0.5	0.03	71.0	287	9.4	<10
E5205769	10	<1	1	0.03	9	39	3.60	2380	1.0	0.01	54.1	167	17.6	12
E5205770	9	<1	<1	0.01	<1	42	5.30	2210	<0.5	0.04	71.4	248	7.3	<10
E5205771	13	<1	<1	0.15	2	67	5.29	1860	<0.5	0.01	75.2	230	9.7	24
E5205772	10	<1	<1	0.12	3	57	4.24	1790	<0.5	0.01	78.4	260	7.3	21
E5205773	8	<1	<1	0.12	4	44	3.61	1800	1.3	0.02	61.7	322	7.3	20
E5205774	9	<1	2	0.09	6	38	3.74	2040	1.5	0.01	55.6	195	8.8	16
E5205775	12	<1	<1	0.12	4	54	5.57	3160	<0.5	0.01	87.9	344	8.9	23
E5205776	6	<1	1	0.11	5	30	2.40	2440	2.0	<0.01	30.8	165	5.6	22
E5205777	8	<1	<1	0.09	6	37	3.70	2020	1.0	<0.01	50.5	252	7.1	18
E5205778	8	<1	<1	0.12	8	35	3.28	2070	5.6	<0.01	42.3	368	7.1	24
E5205779	<5	<1	<1	0.02	7	20	2.39	1220	3.6	<0.01	79.9	177	26.7	<10
E5205780	8	<1	<1	0.12	13	33	3.52	2310	5.6	<0.01	51.7	340	14.2	21
E5205781	8	<1	<1	0.28	17	27	2.64	1760	1.3	0.02	41.1	607	11.3	37

Certified By:



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AGAT WORK ORDER: 11U558637

PROJECT NO:

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<http://www.agatlabs.com>

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Dec 13, 2011

DATE RECEIVED: Dec 07, 2011

DATE REPORTED: Jan 23, 2012

SAMPLE TYPE: Rock

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5205697	0.017	<1	3.7	<10	<5	7.2	<10	<10	<5	0.02	<5	<5	109	<1
E5205698	0.038	8	8.3	<10	<5	14.4	<10	<10	<5	0.02	6	<5	178	<1
E5205699	0.128	2	18.1	<10	<5	33.0	<10	<10	<5	0.05	6	<5	191	<1
E5205700	0.007	<1	0.6	<10	<5	1.7	<10	<10	<5	<0.01	<5	<5	0.7	<1
E5205701	0.044	<1	14.7	<10	<5	16.5	<10	<10	<5	0.02	7	<5	310	<1
E5205702	0.044	<1	22.9	<10	<5	19.2	<10	<10	<5	0.01	8	<5	234	<1
E5205703	0.101	4	7.5	<10	<5	19.3	<10	<10	<5	0.01	<5	<5	97.5	<1
E5205704	0.042	2	21.1	<10	<5	12.3	<10	<10	<5	0.02	7	<5	217	<1
E5205705	0.046	2	16.2	<10	<5	12.6	<10	<10	<5	0.01	6	<5	174	<1
E5205706	0.206	2	6.3	<10	<5	32.5	<10	<10	<5	0.11	7	<5	57.6	<1
E5205707	0.025	1	10.7	<10	<5	7.5	<10	<10	<5	0.07	6	<5	86.6	<1
E5205708	0.144	<1	19.9	<10	<5	25.0	<10	<10	<5	0.14	8	<5	174	<1
E5205709	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
E5205710	0.026	1	8.7	<10	<5	24.2	<10	<10	<5	0.08	7	<5	82.6	<1
E5205711	0.111	<1	21.9	<10	<5	70.4	<10	<10	<5	0.25	12	<5	170	<1
E5205712	0.059	<1	18.1	<10	<5	94.7	<10	<10	<5	0.32	12	<5	174	<1
E5205713	0.026	<1	25.0	<10	<5	29.9	<10	<10	<5	0.07	8	<5	229	<1
E5205714	0.024	<1	12.2	<10	<5	10.3	<10	<10	<5	0.07	6	<5	132	<1
E5205715	0.052	2	5.4	<10	<5	9.6	<10	<10	<5	0.01	5	<5	50.6	<1
E5205716	0.259	1	12.4	<10	<5	152	<10	<10	<5	0.37	13	<5	119	<1
E5205717	0.514	<1	9.5	<10	<5	61.5	<10	<10	<5	0.21	9	<5	98.5	<1
E5205718	0.141	<1	15.4	<10	<5	34.2	<10	<10	<5	0.19	9	<5	188	<1
E5205719	3.62	<1	14.2	<10	<5	36.7	<10	<10	<5	0.35	12	<5	150	<1
E5205720	1.24	<1	14.9	<10	<5	41.0	<10	<10	<5	0.49	15	<5	265	<1
E5205721	0.123	<1	14.4	<10	<5	58.7	<10	<10	<5	0.09	6	<5	284	<1
E5205722	0.035	<1	10.1	<10	<5	37.3	<10	<10	<5	0.14	8	<5	163	<1
E5205723	0.081	3	9.1	<10	<5	23.9	<10	<10	<5	0.20	8	<5	78.2	<1
E5205724	0.072	2	10.0	<10	<5	15.3	<10	<10	<5	0.06	6	<5	146	<1
E5205725	0.037	<1	5.0	<10	<5	11.6	<10	<10	<5	0.02	<5	<5	92.8	<1
E5205726	0.198	<1	2.6	<10	<5	6.9	<10	<10	<5	0.01	<5	<5	15.1	<1
E5205727	0.038	3	2.5	<10	<5	7.4	<10	<10	<5	<0.01	<5	<5	43.5	<1
E5205728	0.073	2	2.8	<10	<5	13.8	<10	<10	<5	0.01	5	<5	214	<1

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U558637

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Dec 13, 2011	DATE RECEIVED: Dec 07, 2011					DATE REPORTED: Jan 23, 2012					SAMPLE TYPE: Rock				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5205729	0.201	5	8.6	<10	<5	37.3	<10	<10	<5	0.05	<5	<5	153	<1	
E5205730	>10	45	6.3	<10	<5	5.6	<10	28	<5	<0.01	<5	<5	17.3	85	
E5205731	0.050	<1	12.2	19	<5	38.2	<10	<10	<5	0.16	10	<5	171	<1	
E5205732	0.081	<1	14.4	<10	<5	39.5	<10	<10	<5	0.05	5	<5	179	<1	
E5205733	0.082	<1	13.2	<10	<5	72.5	<10	<10	<5	0.16	9	<5	181	<1	
E5205734	0.070	<1	12.9	<10	<5	31.9	<10	<10	<5	0.09	10	<5	176	<1	
E5205735	0.123	<1	16.3	<10	<5	59.1	<10	<10	<5	0.14	9	<5	186	<1	
E5205736	0.232	1	14.7	<10	<5	45.9	<10	<10	<5	0.23	9	<5	139	<1	
E5205737	0.064	2	8.5	<10	<5	9.5	<10	<10	<5	0.02	<5	<5	44.0	<1	
E5205738	0.104	<1	15.2	11	<5	18.6	<10	<10	<5	0.25	10	<5	189	<1	
E5205739	0.126	1	7.8	<10	<5	12.1	<10	<10	<5	0.15	8	<5	81.2	<1	
E5205740	0.007	<1	<0.5	<10	<5	2.5	<10	<10	<5	<0.01	<5	<5	<0.5	<1	
E5205741	0.048	<1	6.9	<10	<5	9.4	<10	<10	<5	0.15	6	<5	81.4	<1	
E5205742	0.029	<1	7.5	<10	<5	11.6	<10	<10	<5	0.22	9	<5	136	<1	
E5205743	0.112	<1	14.5	<10	<5	10.7	<10	<10	<5	0.19	9	<5	160	<1	
E5205744	0.115	<1	5.2	<10	<5	4.5	<10	<10	<5	<0.01	<5	<5	12.7	<1	
E5205745	0.070	<1	10.8	<10	<5	4.6	<10	<10	<5	0.02	5	<5	131	<1	
E5205746	0.103	<1	8.7	<10	<5	4.9	<10	<10	<5	<0.01	<5	<5	101	<1	
E5205747	1.91	3	1.0	<10	<5	9.4	<10	<10	<5	<0.01	<5	<5	20.3	<1	
E5205748	0.203	4	11.4	<10	<5	53.7	<10	<10	<5	0.02	<5	<5	122	<1	
E5205749	0.318	<1	12.2	<10	<5	43.6	<10	<10	<5	0.45	15	<5	254	<1	
E5205750	0.062	<1	12.3	<10	<5	53.3	<10	<10	<5	0.33	11	<5	176	<1	
E5205751	0.091	5	6.3	<10	<5	31.6	<10	<10	<5	0.02	<5	<5	102	<1	
E5205752	0.023	3	5.6	<10	<5	11.6	<10	<10	<5	0.03	6	<5	92.1	<1	
E5205753	0.036	3	8.3	<10	<5	12.0	<10	<10	<5	0.02	6	<5	139	<1	
E5205754	0.028	3	7.4	<10	<5	7.8	<10	<10	<5	0.01	5	<5	138	<1	
E5205755	0.037	4	7.8	<10	<5	12.1	<10	<10	<5	0.01	6	<5	120	<1	
E5205756	0.068	3	9.1	<10	<5	7.0	<10	<10	<5	<0.01	5	<5	105	<1	
E5205757	0.053	2	5.1	<10	<5	7.7	<10	<10	<5	<0.01	<5	<5	44.4	<1	
E5205758	1.04	<1	28.2	<10	<5	11.7	<10	<10	<5	0.01	6	<5	284	<1	
E5205759	0.068	<1	35.4	11	<5	12.1	<10	<10	<5	0.14	9	<5	283	<1	
E5205760	8.81	33	7.9	<10	<5	4.9	<10	<10	<5	<0.01	<5	<5	14.2	<1	

Certified By:



Certificate of Analysis

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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Dec 13, 2011

DATE RECEIVED: Dec 07, 2011

DATE REPORTED: Jan 23, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	S % 0.005	Sb ppm 1	Sc ppm 0.5	Se ppm 10	Sn ppm 5	Sr ppm 0.5	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 5	V ppm 0.5	W ppm 1
E5205761		0.299	<1	23.4	<10	<5	18.2	<10	<10	<5	0.10	6	<5	203	<1
E5205762		0.144	<1	31.5	<10	<5	27.3	<10	<10	<5	0.15	8	<5	261	<1
E5205763		0.040	1	18.3	<10	<5	18.9	<10	<10	<5	0.14	8	<5	163	<1
E5205764		0.033	<1	19.3	<10	<5	40.4	<10	<10	<5	0.23	10	<5	133	<1
E5205765		0.016	<1	22.4	<10	<5	17.2	<10	<10	<5	0.24	11	<5	238	<1
E5205766		0.054	<1	22.6	20	<5	21.7	<10	<10	<5	0.21	10	<5	227	<1
E5205767		0.231	<1	12.1	<10	<5	18.8	<10	<10	<5	0.15	7	<5	203	<1
E5205768		0.029	<1	34.6	<10	<5	33.4	<10	<10	<5	0.24	11	<5	260	<1
E5205769		0.339	2	24.6	<10	<5	50.8	<10	<10	<5	0.08	<5	<5	189	<1
E5205770		0.037	<1	29.9	<10	<5	20.4	<10	<10	<5	0.17	10	<5	245	<1
E5205771		0.046	<1	20.1	<10	<5	26.4	<10	<10	<5	0.07	7	<5	199	<1
E5205772		0.036	2	17.7	<10	<5	36.1	<10	<10	<5	0.08	8	<5	180	<1
E5205773		0.054	<1	21.2	<10	<5	47.6	<10	<10	<5	0.11	8	<5	188	<1
E5205774		0.262	2	18.5	<10	<5	30.0	<10	<10	<5	0.02	6	<5	161	<1
E5205775		0.061	<1	28.4	<10	<5	36.3	<10	<10	<5	0.04	7	<5	259	<1
E5205776		0.704	5	11.6	<10	<5	41.8	<10	<10	<5	0.02	<5	<5	89.9	<1
E5205777		0.069	1	22.2	<10	<5	44.3	<10	<10	<5	0.17	8	<5	156	<1
E5205778		0.200	2	18.5	<10	<5	50.0	<10	<10	<5	0.19	7	<5	146	<1
E5205779		4.59	1	15.3	17	<5	28.6	<10	<10	<5	0.08	7	<5	116	<1
E5205780		0.493	2	18.1	<10	<5	40.6	<10	<10	<5	0.06	7	<5	165	<1
E5205781		0.412	2	9.4	<10	<5	27.6	<10	<10	<5	<0.01	<5	<5	92.7	<1

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U558637

PROJECT NO:

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

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Dec 13, 2011

DATE RECEIVED: Dec 07, 2011

DATE REPORTED: Jan 23, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Cu-OL % 0.01	Zn-OL % 0.05
E5205697		4	94.1	<5		
E5205698		36	531	<5		
E5205699		40	287	<5		
E5205700		<1	1.1	<5		
E5205701		11	161	<5		
E5205702		9	208	<5		
E5205703		5	76.1	<5		
E5205704		7	170	<5		
E5205705		12	168	<5		
E5205706		5	108	<5		
E5205707		6	67.1	<5		
E5205708		8	186	<5		
E5205709		NRC	NRC	NRC		
E5205710		8	96.4	14		
E5205711		11	303	<5		
E5205712		8	157	<5		
E5205713		9	162	<5		
E5205714		8	137	<5		
E5205715		7	51.3	13		
E5205716		8	60.7	12		
E5205717		7	86.1	9		
E5205718		11	128	<5		
E5205719		11	111	20	3.70	
E5205720		21	67.3	<5		
E5205721		24	86.5	<5		
E5205722		19	105	<5		
E5205723		12	104	19		
E5205724		12	289	13		
E5205725		4	308	5		
E5205726		3	6.3	7		
E5205727		4	10.7	<5		
E5205728		5	101	<5		

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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Dec 13, 2011	DATE RECEIVED: Dec 07, 2011		DATE REPORTED: Jan 23, 2012		SAMPLE TYPE: Rock
Analyte:	Y	Zn	Zr	Cu-OL	Zn-OL
Unit:	ppm	ppm	ppm	%	%
RDL:	1	0.5	5	0.01	0.05
E5205729	36	119	<5		
E5205730	10	>10000	38		3.05
E5205731	54	163	<5		
E5205732	40	156	<5		
E5205733	43	164	<5		
E5205734	53	144	<5		
E5205735	43	138	<5		
E5205736	21	138	13		
E5205737	11	73.5	27		
E5205738	10	92.0	<5		
E5205739	5	65.2	<5		
E5205740	<1	0.9	<5		
E5205741	5	57.9	<5		
E5205742	7	120	<5		
E5205743	10	61.9	<5		
E5205744	4	18.4	27		
E5205745	5	183	<5		
E5205746	5	116	<5		
E5205747	4	779	<5		
E5205748	20	250	<5		
E5205749	22	83.0	<5		
E5205750	21	209	<5		
E5205751	13	253	<5		
E5205752	7	335	<5		
E5205753	9	597	7		
E5205754	6	225	<5		
E5205755	7	297	<5		
E5205756	6	152	<5		
E5205757	7	65.1	14		
E5205758	16	121	<5		
E5205759	12	180	<5		
E5205760	13	8370	47		

Certified By:



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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

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

DATE SAMPLED: Dec 13, 2011

DATE RECEIVED: Dec 07, 2011

DATE REPORTED: Jan 23, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte:	Y	Zn	Zr	Cu-OL	Zn-OL
	Unit:	ppm	ppm	ppm	%	%
	RDL:	1	0.5	5	0.01	0.05
E5205761		9	152	<5		
E5205762		15	174	<5		
E5205763		11	92.2	14		
E5205764		13	129	<5		
E5205765		13	124	<5		
E5205766		11	121	<5		
E5205767		9	117	<5		
E5205768		14	155	<5		
E5205769		18	146	<5		
E5205770		13	139	<5		
E5205771		10	140	<5		
E5205772		14	139	<5		
E5205773		16	134	<5		
E5205774		12	128	<5		
E5205775		15	222	<5		
E5205776		17	106	<5		
E5205777		17	156	<5		
E5205778		17	139	<5		
E5205779		10	132	<5		
E5205780		20	186	<5		
E5205781		16	108	8		

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U558637

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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 13, 2011

DATE RECEIVED: Dec 07, 2011

DATE REPORTED: Jan 23, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5205697		1.32	0.026
E5205698		0.88	0.051
E5205699		1.54	0.004
E5205700		0.08	<0.001
E5205701		1.96	0.003
E5205702		1.88	<0.001
E5205703		1.42	0.062
E5205704		1.44	0.004
E5205705		1.62	0.023
E5205706		0.70	0.090
E5205707		1.62	<0.001
E5205708		1.24	0.010
E5205709		NRC	NRC
E5205710		1.62	<0.001
E5205711		1.62	0.001
E5205712		1.84	0.005
E5205713		1.52	<0.001
E5205714		1.36	0.019
E5205715		1.48	<0.001
E5205716		0.74	0.004
E5205717		0.80	0.077
E5205718		1.46	0.017
E5205719		0.80	0.303
E5205720		1.38	0.011
E5205721		1.22	<0.001
E5205722		1.32	<0.001
E5205723		1.44	0.007
E5205724		1.48	0.120
E5205725		1.28	0.139
E5205726		1.22	0.032
E5205727		0.44	0.027

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 11U558637

PROJECT NO:

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

CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 13, 2011

DATE RECEIVED: Dec 07, 2011

DATE REPORTED: Jan 23, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5205728		1.10	0.115
E5205729		0.90	0.031
E5205730		0.08	1.38
E5205731		1.66	0.005
E5205732		2.78	0.002
E5205733		2.00	0.002
E5205734		1.56	0.002
E5205735		1.58	0.005
E5205736		0.68	0.008
E5205737		2.14	<0.001
E5205738		1.42	0.004
E5205739		0.86	0.019
E5205740		0.08	<0.001
E5205741		0.92	<0.001
E5205742		0.84	0.003
E5205743		0.98	0.002
E5205744		1.10	<0.001
E5205745		1.40	0.028
E5205746		1.16	0.004
E5205747		2.10	0.051
E5205748		1.26	0.012
E5205749		1.74	<0.001
E5205750		1.58	0.010
E5205751		1.76	0.002
E5205752		1.38	0.009
E5205753		1.48	0.007
E5205754		1.60	0.008
E5205755		1.56	0.008
E5205756		1.48	0.004
E5205757		1.62	<0.001
E5205758		0.76	0.008

Certified By:



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CLIENT NAME: CENIT CORPORATION

ATTENTION TO: DELIO TORTOSA

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Dec 13, 2011

DATE RECEIVED: Dec 07, 2011

DATE REPORTED: Jan 23, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
E5205759		1.76	0.002
E5205760		0.10	0.461
E5205761		0.62	0.006
E5205762		1.38	<0.001
E5205763		1.52	<0.001
E5205764		1.38	<0.001
E5205765		1.52	0.001
E5205766		0.96	0.003
E5205767		1.54	<0.001
E5205768		1.42	<0.001
E5205769		0.78	0.014
E5205770		1.00	0.032
E5205771		1.58	<0.001
E5205772		1.66	<0.001
E5205773		1.76	<0.001
E5205774		1.50	0.002
E5205775		1.30	<0.001
E5205776		1.46	0.010
E5205777		1.28	<0.001
E5205778		1.48	0.004
E5205779		1.28	0.052
E5205780		1.78	<0.001
E5205781		1.58	0.003

Comments: RDL - Reported Detection Limit

Certified By:



Quality Assurance

CLIENT NAME: CENIT CORPORATION

AGAT WORK ORDER: 11U558637

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis											
RPT Date: Jan 23, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3001814	< 0.001	< 0.001	0.0%	< 0.001	0.961	0.922	104%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3001802	< 0.001	< 0.001	0.0%	< 0.001	0.0781	0.0849	92%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3001839	0.051	0.044	14.7%	< 0.001				90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3001851	0.002	< 0.001		< 0.001				90%	110%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	3001864	< 0.001	< 0.001	0.0%	< 0.001				90%	110%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	3001789	1.7	1.5	12.5%	< 0.2				80%	120%
Al	1	3001789	0.817	0.724	12.1%	< 0.01				80%	120%
As	1	3001789	26	23	12.2%	< 1				80%	120%
B	1	3001789	6	6	0.0%	< 5				80%	120%
Ba	1	3001789	28	25	11.3%	< 1				80%	120%
Be	1	3001789	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	3001789	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	3001789	0.216	0.204	5.7%	< 0.01				80%	120%
Cd	1	3001789	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	3001789	10	10	0.0%	< 1				80%	120%
Co	1	3001789	11.4	10.8	5.4%	< 0.5	5.6	5.0	113%	80%	120%
Cr	1	3001789	415	385	7.5%	< 0.5				80%	120%
Cu	1	3001789	623	586	6.1%	< 0.5	3795	3800	99%	80%	120%
Fe	1	3001789	3.41	3.16	7.6%	< 0.01				80%	120%
Ga	1	3001789	< 5	< 5	0.0%	< 5				80%	120%
Hg	1	3001789	< 1	< 1	0.0%	< 1	1.5	1.3	118%	80%	120%
In	1	3001789	< 1	< 1	0.0%	< 1				80%	120%
K	1	3001789	0.14	0.12	15.4%	< 0.01				80%	120%
La	1	3001789	5	5	0.0%	< 1				80%	120%
Li	1	3001789	9	8	11.8%	< 1				80%	120%
Mg	1	3001789	0.520	0.471	9.9%	< 0.01				80%	120%
Mn	1	3001789	244	241	1.2%	< 1				80%	120%
Mo	1	3001789	4.6	3.9	16.5%	< 0.5				80%	120%
Na	1	3001789	0.01	0.01	0.0%	< 0.01				80%	120%
Ni	1	3001789	129	124	4.0%	< 0.5	9	7	126%	80%	120%
P	1	3001789	198	184	7.3%	< 10				80%	120%
Pb	1	3001789	38.4	37.4	2.6%	< 0.5				80%	120%
Rb	1	3001789	12	11	8.7%	< 10	13	13	98%	80%	120%
S	1	3001789	0.0166	0.0149	10.8%	< 0.005				80%	120%
Sb	1	3001789	< 1	< 1	0.0%	< 1				80%	120%



Quality Assurance

CLIENT NAME: CENIT CORPORATION

AGAT WORK ORDER: 11U558637

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis (Continued)												
RPT Date: Jan 23, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
							Lower			Upper		
Sc	1	3001789	3.68	3.40	7.9%	< 0.5				80%	120%	
Se	1	3001789	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	3001789	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	3001789	7.2	6.0	18.2%	< 0.5				80%	120%	
Ta	1	3001789	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	3001789	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	3001789	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	3001789	0.016	0.012	28.6%	< 0.01				80%	120%	
Tl	1	3001789	< 5	< 5	0.0%	< 5				80%	120%	
U	1	3001789	< 5	< 5	0.0%	< 5				80%	120%	
V	1	3001789	109	105	3.7%	< 0.5				80%	120%	
W	1	3001789	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	3001789	4	4	0.0%	< 1				80%	120%	
Zn	1	3001789	94.1	91.6	2.7%	< 0.5				80%	120%	
Zr	1	3001789	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	3001814	< 0.2	< 0.2	0.0%	< 0.2				80%	120%	
Al	1	3001814	2.92	3.23	10.1%	< 0.01				80%	120%	
As	1	3001814	30	35	15.4%	< 1				80%	120%	
B	1	3001814	37	43	15.0%	< 5				80%	120%	
Ba	1	3001814	150	154	2.6%	< 1				80%	120%	
Be	1	3001814	1.7	1.9	11.1%	< 0.5				80%	120%	
Bi	1	3001814	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	3001814	2.78	2.97	6.6%	< 0.01				80%	120%	
Cd	1	3001814	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Ce	1	3001814	64	65	1.6%	< 1				80%	120%	
Co	1	3001814	32.8	32.4	1.2%	< 0.5	5.9	5.0	118%	80%	120%	
Cr	1	3001814	54.3	57.6	5.9%	< 0.5				80%	120%	
Cu	1	3001814	1360	1400	2.9%	< 0.5	3897	3800	102%	80%	120%	
Fe	1	3001814	6.15	6.53	6.0%	< 0.01				80%	120%	
Ga	1	3001814	8	8	0.0%	< 5				80%	120%	
Hg	1	3001814	< 1	< 1	0.0%	< 1				80%	120%	
In	1	3001814	< 1	< 1	0.0%	< 1				80%	120%	
K	1	3001814	0.533	0.639	18.1%	< 0.01				80%	120%	
La	1	3001814	31	31	0.0%	< 1				80%	120%	
Li	1	3001814	108	114	5.4%	< 1				80%	120%	
Mg	1	3001814	2.66	2.66	0.0%	< 0.01				80%	120%	
Mn	1	3001814	1190	1220	2.5%	< 1				80%	120%	
Mo	1	3001814	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Na	1	3001814	0.08	0.08	0.0%	< 0.01				80%	120%	
Ni	1	3001814	47.1	47.1	0.0%	< 0.5				80%	120%	
P	1	3001814	398	462	14.9%	< 10				80%	120%	
Pb	1	3001814	18.9	19.8	4.7%	< 0.5				80%	120%	
Rb	1	3001814	48	58	18.9%	< 10	12	13	91%	80%	120%	
S	1	3001814	0.035	0.038	8.2%	< 0.005				80%	120%	

Quality Assurance

CLIENT NAME: CENIT CORPORATION

AGAT WORK ORDER: 11U558637

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis (Continued)												
RPT Date: Jan 23, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
Sb	1	3001814	< 1	< 1	0.0%	< 1				80%	120%	
Sc	1	3001814	10.1	11.7	14.7%	< 0.5				80%	120%	
Se	1	3001814	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	3001814	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	3001814	37.3	37.6	0.8%	< 0.5				80%	120%	
Ta	1	3001814	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	3001814	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	3001814	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	3001814	0.14	0.18	25.0%	< 0.01				80%	120%	
Tl	1	3001814	8	12		< 5				80%	120%	
U	1	3001814	< 5	< 5	0.0%	< 5				80%	120%	
V	1	3001814	163	173	6.0%	< 0.5				80%	120%	
W	1	3001814	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	3001814	19	20	5.1%	< 1				80%	120%	
Zn	1	3001814	105	104	1.0%	< 0.5				80%	120%	
Zr	1	3001814	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	3001839	0.85	0.90	5.7%	< 0.2				80%	120%	
Al	1	3001839	0.36	0.37	2.7%	< 0.01				80%	120%	
As	1	3001839	209	206	1.4%	1				80%	120%	
B	1	3001839	< 5	< 5	0.0%	< 5				80%	120%	
Ba	1	3001839	1	1	0.0%	< 1				80%	120%	
Be	1	3001839	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Bi	1	3001839	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	3001839	4.94	4.93	0.2%	< 0.01				80%	120%	
Cd	1	3001839	4.48	4.31	3.9%	< 0.5	0.1	0.10	96%	80%	120%	
Ce	1	3001839	1	1	0.0%	< 1				80%	120%	
Co	1	3001839	73.7	72.9	1.1%	< 0.5	5.9	5.0	118%	80%	120%	
Cr	1	3001839	18.7	18.7	0.0%	< 0.5				80%	120%	
Cu	1	3001839	1250	1260	0.8%	< 0.5	3800	3800	100%	80%	120%	
Fe	1	3001839	4.86	4.94	1.6%	< 0.01				80%	120%	
Ga	1	3001839	< 5	< 5	0.0%	< 5				80%	120%	
Hg	1	3001839	< 1	< 1	0.0%	< 1	1.6	1.3	119%	80%	120%	
In	1	3001839	< 1	< 1	0.0%	< 1				80%	120%	
K	1	3001839	< 0.01	< 0.01	0.0%	< 0.01				80%	120%	
La	1	3001839	< 1	< 1	0.0%	< 1				80%	120%	
Li	1	3001839	1	1	0.0%	< 1				80%	120%	
Mg	1	3001839	0.458	0.507	10.2%	< 0.01				80%	120%	
Mn	1	3001839	696	760	8.8%	< 1				80%	120%	
Mo	1	3001839	29.1	33.2	13.2%	< 0.5				80%	120%	
Na	1	3001839	0.013	0.015	14.3%	< 0.01				80%	120%	
Ni	1	3001839	31.8	32.2	1.3%	< 0.5	9	7	125%	80%	120%	
P	1	3001839	72	70	2.8%	< 10				80%	120%	
Pb	1	3001839	25.0	24.3	2.8%	< 0.5				80%	120%	



Quality Assurance

CLIENT NAME: CENIT CORPORATION

AGAT WORK ORDER: 11U558637

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis (Continued)												
RPT Date: Jan 23, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
Rb	1	3001839	< 10	< 10	0.0%	< 10	11	13	81%	80%	120%	
S	1	3001839	1.91	1.95	2.1%	< 0.005	0.95	0.80	119%	80%	120%	
Sb	1	3001839	3	3	0.0%	< 1				80%	120%	
Sc	1	3001839	1.0	1.3	26.1%	< 0.5				80%	120%	
Se	1	3001839	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	3001839	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	3001839	9.4	10.3	9.1%	< 0.5				80%	120%	
Ta	1	3001839	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	3001839	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	3001839	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	3001839	< 0.01	< 0.01	0.0%	< 0.01				80%	120%	
Tl	1	3001839	< 5	< 5	0.0%	< 5				80%	120%	
U	1	3001839	< 5	< 5	0.0%	< 5				80%	120%	
V	1	3001839	20.3	21.9	7.6%	< 0.5				80%	120%	
W	1	3001839	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	3001839	4	5	22.2%	< 1				80%	120%	
Zn	1	3001839	779	779	0.0%	< 0.5				80%	120%	
Zr	1	3001839	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	3001864	< 0.2	< 0.2	0.0%	< 0.2				80%	120%	
Al	1	3001864	4.58	4.89	6.5%	< 0.01				80%	120%	
As	1	3001864	9	8	11.8%	< 1				80%	120%	
B	1	3001864	4	5	22.2%	< 5				80%	120%	
Ba	1	3001864	44	46	4.4%	< 1				80%	120%	
Be	1	3001864	0.7	0.7	0.0%	< 0.5				80%	120%	
Bi	1	3001864	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	3001864	2.64	2.78	5.2%	< 0.01				80%	120%	
Cd	1	3001864	< 0.5	< 0.5	0.0%	< 0.5	0.1	0.10	98%	80%	120%	
Ce	1	3001864	7	7	0.0%	< 1				80%	120%	
Co	1	3001864	22.9	22.3	2.7%	< 0.5	5.8	5.0	117%	80%	120%	
Cr	1	3001864	325	319	1.9%	< 0.5				80%	120%	
Cu	1	3001864	11.8	9.63	20.3%	< 0.5	3861	3800	101%	80%	120%	
Fe	1	3001864	6.17	6.45	4.4%	< 0.01				80%	120%	
Ga	1	3001864	10	8	22.2%	< 5				80%	120%	
Hg	1	3001864	< 1	< 1	0.0%	< 1	1.5	1.3	113%	80%	120%	
In	1	3001864	< 1	< 1	0.0%	< 1				80%	120%	
K	1	3001864	0.123	0.126	2.4%	< 0.01				80%	120%	
La	1	3001864	3	3	0.0%	< 1				80%	120%	
Li	1	3001864	57	60	5.1%	< 1				80%	120%	
Mg	1	3001864	4.24	4.37	3.0%	< 0.01				80%	120%	
Mn	1	3001864	1790	1790	0.0%	< 1				80%	120%	
Mo	1	3001864	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Na	1	3001864	0.01	0.01	0.0%	< 0.01				80%	120%	
Ni	1	3001864	78.4	75.7	3.5%	< 0.5	9	7	126%	80%	120%	

Quality Assurance

CLIENT NAME: CENIT CORPORATION

AGAT WORK ORDER: 11U558637

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis (Continued)												
RPT Date: Jan 23, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
P	1	3001864	260	244	6.3%	< 10				80%	120%	
Pb	1	3001864	7.27	8.26	12.7%	< 0.5				80%	120%	
Rb	1	3001864	21	21	0.0%	< 10	12	13	90%	80%	120%	
S	1	3001864	0.036	0.036	0.0%	< 0.005				80%	120%	
Sb	1	3001864	2	< 1		< 1				80%	120%	
Sc	1	3001864	17.7	16.9	4.6%	< 0.5				80%	120%	
Se	1	3001864	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	3001864	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	3001864	36.1	35.4	2.0%	< 0.5				80%	120%	
Ta	1	3001864	< 10	< 10	0.0%	< 10	0.6	0.9	71%	80%	120%	
Te	1	3001864	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	3001864	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	3001864	0.08	0.08	0.0%	< 0.01				80%	120%	
Tl	1	3001864	8	7	13.3%	< 5				80%	120%	
U	1	3001864	< 5	< 5	0.0%	< 5				80%	120%	
V	1	3001864	180	174	3.4%	< 0.5				80%	120%	
W	1	3001864	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	3001864	14	13	7.4%	< 1				80%	120%	
Zn	1	3001864	139	136	2.2%	< 0.5				80%	120%	
Zr	1	3001864	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	3001873	1.2	1.0	18.2%	< 0.2				80%	120%	
Al	1	3001873	3.80	3.58	6.0%	< 0.01				80%	120%	
As	1	3001873	14	14	0.0%	< 1				80%	120%	
B	1	3001873	< 5	< 5	0.0%	< 5				80%	120%	
Ba	1	3001873	58	52	10.9%	< 1				80%	120%	
Be	1	3001873	0.62	0.55	12.0%	< 0.5				80%	120%	
Bi	1	3001873	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	3001873	4.22	4.09	3.1%	< 0.01				80%	120%	
Cd	1	3001873	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Ce	1	3001873	44	42	4.7%	< 1				80%	120%	
Co	1	3001873	21.6	22.5	4.1%	< 0.5	5.9	5.0	118%	80%	120%	
Cr	1	3001873	81.6	76.5	6.5%	< 0.5				80%	120%	
Cu	1	3001873	1630	1660	1.8%	< 0.5	3933	3800	103%	80%	120%	
Fe	1	3001873	5.14	5.20	1.2%	< 0.01				80%	120%	
Ga	1	3001873	8	7	13.3%	< 5				80%	120%	
Hg	1	3001873	< 1	< 1	0.0%	< 1	1.6	1.3	125%	80%	120%	
In	1	3001873	< 1	1		< 1				80%	120%	
K	1	3001873	0.28	0.24	15.4%	< 0.01				80%	120%	
La	1	3001873	17	16	6.1%	< 1				80%	120%	
Li	1	3001873	27	27	0.0%	< 1				80%	120%	
Mg	1	3001873	2.64	2.68	1.5%	< 0.01				80%	120%	
Mn	1	3001873	1760	1760	0.0%	< 1				80%	120%	
Mo	1	3001873	1.3	0.8		< 0.5				80%	120%	
Na	1	3001873	0.015	0.015	0.0%	< 0.01				80%	120%	



Quality Assurance

CLIENT NAME: CENIT CORPORATION

AGAT WORK ORDER: 11U558637

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

Solid Analysis (Continued)

RPT Date: Jan 23, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
						Lower				Upper	
Ni	1	3001873	41.1	40.2	2.2%	< 0.5	9	7	129%	80%	120%
P	1	3001873	607	607	0.0%	< 10				80%	120%
Pb	1	3001873	11.3	11.1	1.8%	< 0.5				80%	120%
Rb	1	3001873	37	31	17.6%	< 10	12	13	91%	80%	120%
S	1	3001873	0.412	0.408	1.0%	< 0.005				80%	120%
Sb	1	3001873	2	3		< 1				80%	120%
Sc	1	3001873	9.43	7.64	21.0%	< 0.5				80%	120%
Se	1	3001873	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	3001873	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	3001873	27.6	24.4	12.3%	< 0.5				80%	120%
Ta	1	3001873	< 10	< 10	0.0%	< 10				80%	120%
Te	1	3001873	< 10	< 10	0.0%	< 10				80%	120%
Th	1	3001873	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	3001873	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Tl	1	3001873	5	6	18.2%	< 5				80%	120%
U	1	3001873	< 5	< 5	0.0%	< 5				80%	120%
V	1	3001873	92.7	85.8	7.7%	< 0.5				80%	120%
W	1	3001873	< 1	< 1	0.0%	< 1				80%	120%
Y	1	3001873	16	15	6.5%	< 1				80%	120%
Zn	1	3001873	108	107	0.9%	< 0.5				80%	120%
Zr	1	3001873	8	< 5		< 5				80%	120%

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

Co	1					< 0.5	6	5.0	120%	80%	120%
Cu	1					< 0.5	4004	3800	105%	80%	120%
Hg	1					< 1	1.5	1.3	117%	80%	120%
Rb	1					< 10	12	13	96%	80%	120%

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

Co	1					< 0.5	6.1	5.0	122%	80%	120%
Cu	1					< 0.5	3970	3800	104%	80%	120%
Hg	1					< 1	1.7	1.3	130%	80%	120%
Ni	1					< 0.5	9	7	128%	80%	120%
Rb	1					< 10	11	13	88%	80%	120%

Certified By:

Method Summary

CLIENT NAME: GENIT CORPORATION

AGAT WORK ORDER: 11U558637

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Cu-OL	MIN-200-12032		AA
Zn-OL			AA
Sample Login Weight	MIN-12009		BALANCE



Method Summary

CLIENT NAME: GENIT CORPORATION

AGAT WORK ORDER: 11U558637

PROJECT NO:

ATTENTION TO: DELIO TORTOSA

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

APPENDIX V
Project Photographs



Superior Diamond Drill Rig Drilling the Kincaid Breccia December, 2011.



Geologist Brian Edgar at drill March, 2012.



Geologist Bruce Edgar checking Kincaid Breccia Drill collars with GPS, March, 2012.



Cenit Kincaid Bx DDH Program 2011
Mineralized Drill Core Specimens
DDH: KB-01-11



Mineralized Zone: irregular masses of hematized felsite;
veinlet and stringers of chalcocite

Batchawana Copper Property



Cenit Kincaid Bx DDH Program 2011
Mineralized Drill Core Specimens
DDH: KB-02-11



Mineralized Zone: Re-fragmented felsite breccia containing
masses of chalcocite

Batchawana Copper Property



Cenit Kincaid Bx DDH Program 2011
Mineralized Drill Core Specimens
DDH: KB-02-11



Mineralized Zone: felsite breccia containing veinlets and masses of chalcocite

Batchawana Copper Property



Cenit Kincaid Bx DDH Program 2011
Mineralized Drill Core Specimens
DDH: KB-03-11



Mineralized Zone: Re-fragmented felsite breccia with native copper and fine grained chalcocite

Batchawana Copper Property



Cenit Kincaid Bx DDH Program 2011
Mineralized Drill Core Specimens
DDH: KB-03-11



Mineralized Zone: Hematized felsite breccia with chalcocite as veinlets and small blebs

Batchawana Copper Property



Cenit Kincaid Bx DDH Program 2011
Mineralized Drill Core Specimens
DDH: KB-04-11



Mineralized Zone: Hematized felsite breccia with specs of native copper.

Batchawana Copper Property



Cenit Kincaid Bx DDH Program 2011
Mineralized Drill Core Specimens
DDH: KB-04-11



Mineralized Zone: Hematized and silicified felsite breccia with specs of native copper.

Batchawana Copper Property

APPENDIX VI

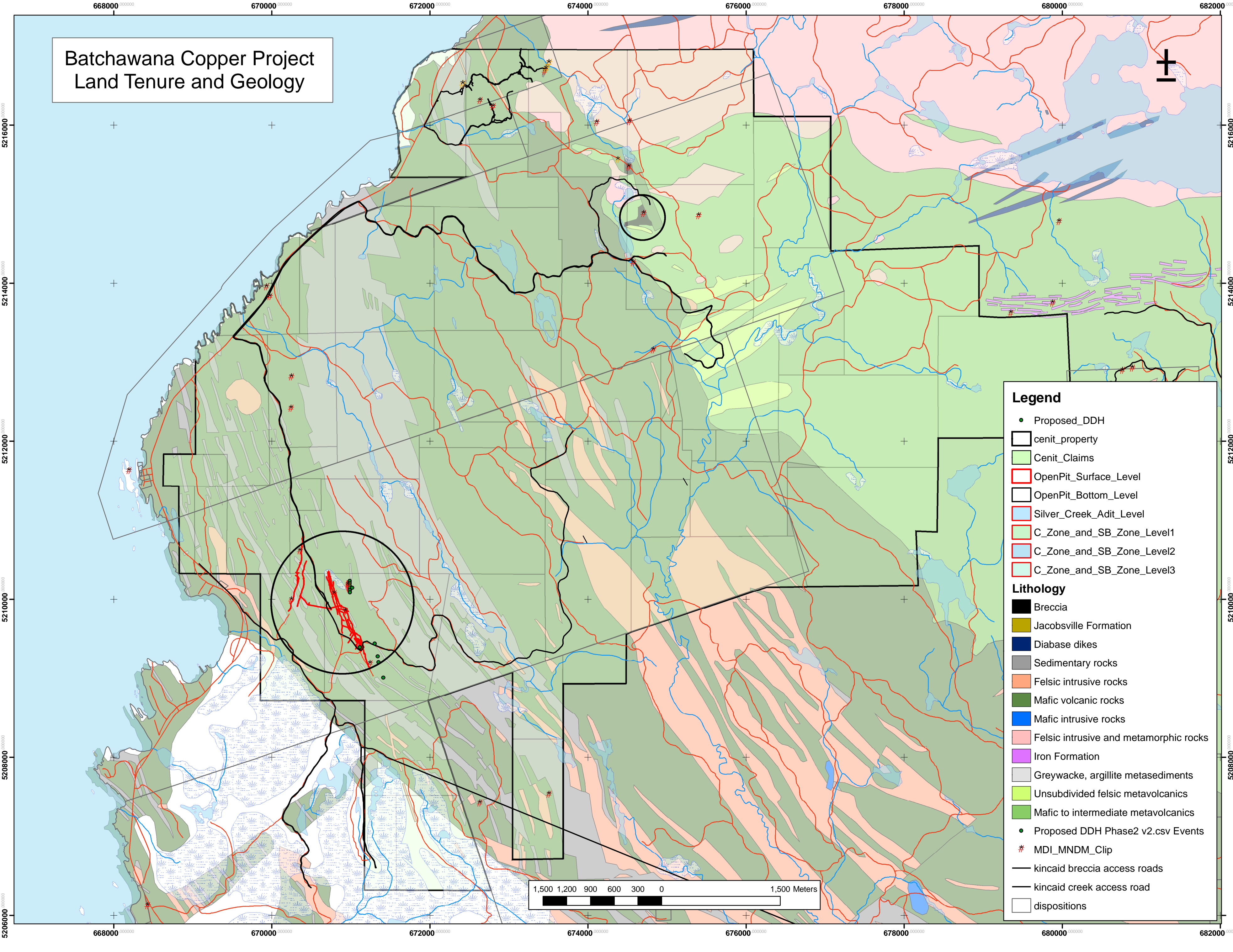
Full Scale Maps

Figure 3: Land Tenure and Property Geology.PDF

Figure 4: Local Geology Kincaid Breccia Area.PDF

Figure 5: Kincaid Breccia DDH Location Map.PDF

Batchawana Copper Project Land Tenure and Geology



Legend

- Proposed_DDH
- ☐ cenit_property
- ☐ Cenit_Claims
- ☐ OpenPit_Surface_Level
- ☐ OpenPit_Bottom_Level
- ☐ Silver_Creek_Adit_Level
- ☐ C_Zone_and_SB_Zone_Level1
- ☐ C_Zone_and_SB_Zone_Level2
- ☐ C_Zone_and_SB_Zone_Level3

Lithology

- ☐ Breccia
- ☐ Jacobsville Formation
- ☐ Diabase dikes
- ☐ Sedimentary rocks
- ☐ Felsic intrusive rocks
- ☐ Mafic volcanic rocks
- ☐ Mafic intrusive rocks
- ☐ Felsic intrusive and metamorphic rocks
- ☐ Iron Formation
- ☐ Greywacke, argillite metasediments
- ☐ Unsubdivided felsic metavolcanics
- ☐ Mafic to intermediate metavolcanics

- Proposed DDH Phase2 v2.csv Events
- # MDI_MNDM_Clip
- kincaid breccia access roads
- kincaid creek access road
- ☐ dispositions

Batchawana Copper Project JV
 Kincaid Breccia Prospect
 Phase 1 DDH Program 2011-2012

Legend

Lithology

- Breccia
- Felsic Intrusive
- Mafic Volcanic
- Granitoid Rocks
- Metavolcanics
- Outcrop Area

Other Symbols

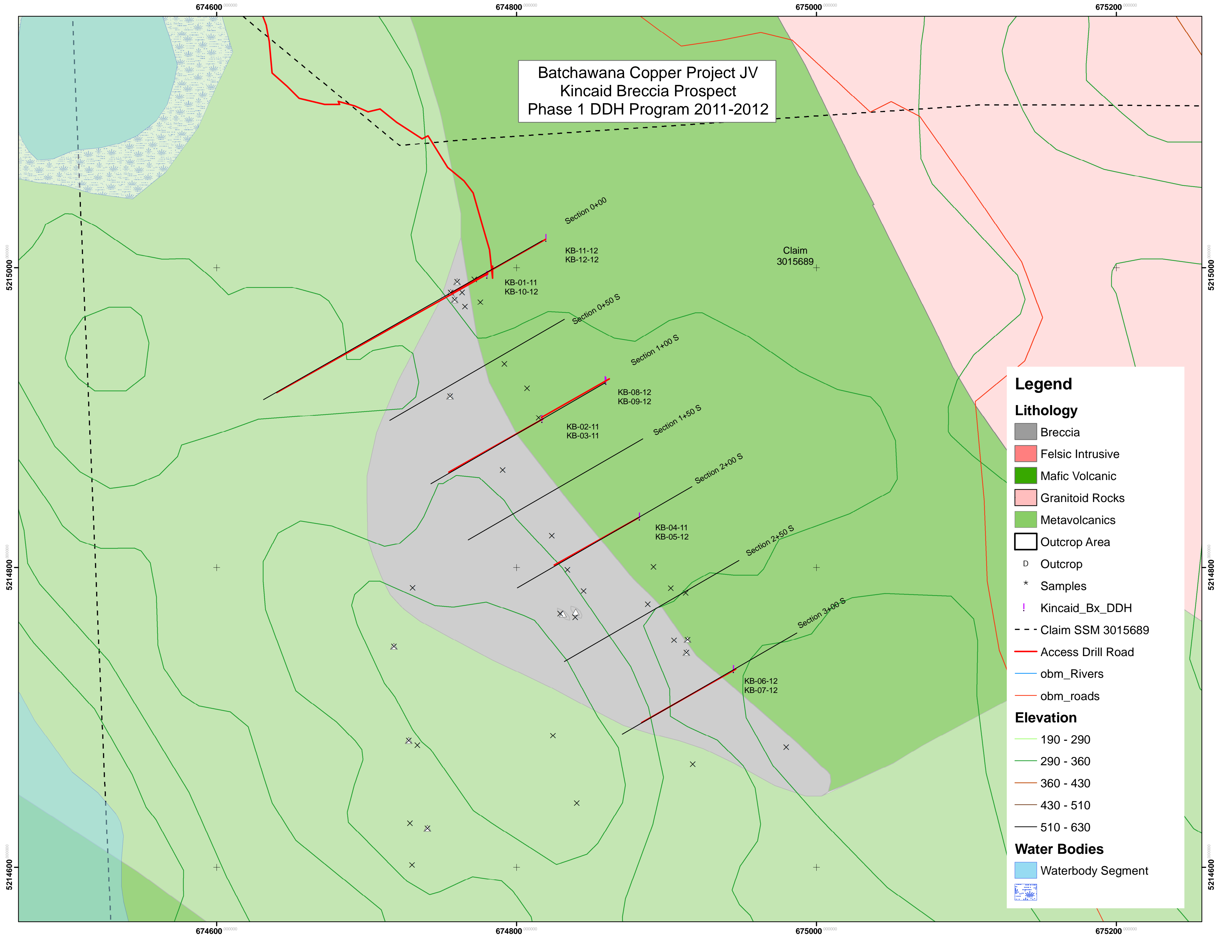
- Outcrop
- Samples
- Kincaid_Bx_DDH
- Claim SSM 3015689
- Access Drill Road
- obm_Rivers
- obm_roads

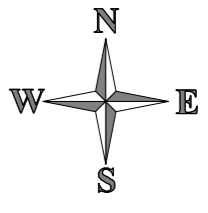
Elevation

- 190 - 290
- 290 - 360
- 360 - 430
- 430 - 510
- 510 - 630

Water Bodies

- Waterbody Segment



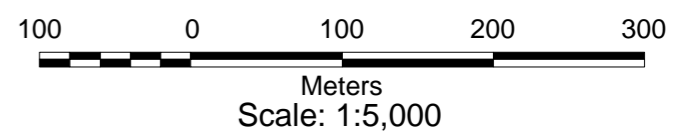


G D

PRECAMBRIAN
PROTEROZOIC
KENEENAWAN

- 10 MAFIC INTRUSIVE ROCKS
 - a. diabase
 - b. gabbro
 - c. mafic dike
 - 9 BRECCIA
 - a. breccia pipes, polymictic breccia
 - b. fault breccia, vein breccia
 - c. quartz/hematite breccia
 - 8 FELSIC INTRUSIVE ROCKS
 - a. quartz-porphphy
 - b. feldspar porphyry
 - c. quartz feldspar porphyry
 - d. felsite
 - 7 SEDIMENTARY ROCKS
 - a. conglomerate
 - b. sandstone
 - c. siltstone/shale
 - d. breccia
 - 6 MAFIC VOLCANIC ROCKS
 - a. massive
 - b. amygdaloidal/vesicular
 - c. pillowed
 - d. coarse grained flows
- ARCHEAN
- 4 FELSIC INTRUSIVE AND METAMORPHIC
 - a. granitoid
 - b. metamorphic
 - 2 MAFIC TO INTERMEDIATE VOLCANICS
 - a. massive
 - b. pillowed
 - c. coarse grained
 - 1 FELSIC VOLCANICS
 - a. undifferentiated
 - b. breccia
- py pyrite
qv quartz vn
cpy chalcopryite
cc chalcocite
mal malachite
spec specularite
sil siliceous

- Contact Line
- Assumed
 - Defined
 - Fault (inferred)
 - Small Outcrop
 - Outcrop
 - Rock Sample
 - Proposed Drillhole
 - Foldation (dip)
 - QV Trench (dip)
 - Bush Road
 - Ridge
 - Washout
 - Creek
 - Swamp
 - Pond



Batcha an Copper Property
G O O G I C M P P I G
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Clai SSM 6 9

Bruce and Brian Edgar; (Summer 2011)

DATE: Dec 4, 2011	NTS: 41N02
SCALE:	DRAWN BY: Zone 14 GeolInfo Solutions
DATE: Nad 83, Zone 16	COMMENTS:
FILE NAME: Kincaid Project Geology 2011.wor	

