



REPORT

On the

DIAMOND DRILL PROGRAM

SB ZONE PHASE II

(January 20 to May 1, 2013)

On the

BATCHAWANA COPPER PROPERTY
(Kincaid and Ryan Townships, Ontario)

For

SUPERIOR COPPER CORPORATION

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and

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January 15, 2014

SUMMARY

In January, 2013, the authors were given the mandate by Judy Baker (President, CEO Superior Copper Corporation) to complete a second phase Diamond Drill Program to test the historical SB Zone on the Batchawana Copper Property located in Ryan and Kincaid Townships, Ontario.

From January 20 through May 1, 2013, Superior Copper Corporation completed a Diamond Drill program consisting of 6 holes for 1299 meters. Four holes were designed to test the SB zone between holes of the previous phase 1 program. One hole was designed to test the area below the “C” zone under historical mine workings at the Great Conglomerate contact and one hole was designed to test the area below the “B” zone at the Great Conglomerate contact.

The Phase 2 diamond drill program resulted in the following conclusions and recommendations:

- 1) The 2013 diamond drill program on the C-Zone verified the presence of the vein breccia zones 30 metres down-dip from Level 3 of the Coppercorp Mine workings, but with no significant values for copper and silver. This is attributed to the irregular distribution of copper mineralization within the C-Zone structure. The depth potential of the C-Zone is limited by the presence of the ‘Great Conglomerate’ 30 metres below the Level 3 workings.
- 2) The B-Zone mineralization varies along strike and down-dip and reflects the irregular distribution of higher-grade copper mineralization along the B-Zone structure. The B-Zone remains open to the north and south, but the depth extent may be limited by its proximity to the ‘Great Conglomerate’ contact due to the lack of copper mineralization found in structures cutting the conglomerate.
- 3) The possibility of an enhancement of copper grade immediately above the Great Conglomerate along intersecting structures (vein breccias) is equivocal and does not necessarily reflect an area where there has been an enhancement of higher-grade copper mineralization.
- 4) The 2013 diamond drill program completed on the SB Zone confirmed the continuity of the SB-Zone structure at depth and over a 500 metre strike length. Of the 10 drill holes completed on the SB Zone in the 2011 and 2013 drill programs, 7 drill holes returned significant assay results for copper and silver (Edgar and Tortosa, 2012).
The average metre-percent value for the ten SB Zone intersections is 8.90, equivalent to 2.97% Cu over 3.0 metres.

- 5) Several intersections of the SB-Zone vein breccia returned no significant values for copper or silver and this is attributed to the irregular distribution of copper minerals within the SB-Zone structure.
- 6) Due to the more easterly location of the ‘Great Conglomerate’ contact in the SB-Zone area it is anticipated that more depth extension is possible, and therefore greater economic potential exists at depth below the historical mine workings in this area.

Completion of the 2013 diamond drill program is recommended to test the southeast extension of the SB-Zone, along with 6 shallow drill holes to delineate the near surface expression of the mineralized zone.

The following program and budget are recommended:

Coppercorp SB-Zone

1. Complete the remaining 5 drill holes for the SB Zone designed to test the depth and strike continuity of the SB-Zone between Section 6+00 N and 3+00 N.
2. Complete a shallow drilling program consisting of 6 drill holes (500 metres) to delineate the near-surface expression of the SB-Zone along a 500 metre strike length.

Table 6: Phase 3 DDH Specifications for the Coppercorp SB-Zone

Proposed Drill Holes											
DDHID	Azimuth	Dip	Length	Easting	Northing	Elevation	Grid_N	Grid_E	Prospect/Zone	Notes	
BCP-25-13	240	-40	210	671559	5208936	292	5+00 N	21+20 E	SB Zone, SB East Zone	CP-05-09 Location	
CP-05-09e	240	-60	50	671559	5208936	292	5+00 N	21+20 E	SB Zone, SB East Zone	CP-05-09 Extension	
BCP-26-13	240	-45	125	671534	5208807	270	4+00 N	20+30 E	SB Zone	New Site Location	
BCP-27-13	240	-70	150	671534	5208807	270	4+00 N	20+30 E	SB Zone	New Site Location	
BCP-28-13	240	-45	125	671591	5208718	270	3+00 N	20+30 E	SB Zone	New Site Location	
6 Shallow DDH			500								
Total metres			1160								
NOTES: CP-05-09e is a deepening of the original Nikos DDH. Shallow drill hole location to be determined.											

Proposed Budget:

Table 7: Estimated Budget for the Phase 3 SB-Zone DDH Program, 2014

Coppercorp Property: Field Costs Phase 3 DDH Program: Coppercorp SB-Zone			
Description	Item	Cost	Total
Diamond Drilling, \$85/meter; metres	1160	\$85	\$98,600
Casing and shoes remaining in holes	10	\$500	\$5,000
Assaying, (multi-element + Au analysis)	230	\$35	\$8,050
Core Boxes (NQ size)	260	\$10	\$2,600
Core Racks	2	\$1,000	\$2,000
Accommodations (Days)	30	\$100	\$3,000
Food (\$60/day); Days	30	\$60	\$1,800
Vehicle (\$75/day); Days	30	\$75	\$2,250
Fuel			\$1,500
Geologist (\$500/day); Days	30	\$500	\$15,000
Assistant, Junior Geologist (\$300/day); Days	30	\$300	\$9,000
Report and Drafting (\$500/day); Days	10	\$500	\$5,000
Total			\$153,800
	10% contingencies		\$15,380
	Grand Total		\$169,180

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INTRODUCTION

In January, 2013, the authors were given the mandate by Judy Baker (President, CEO Superior Copper Corporation, formerly Cenit Corp.) to complete a second phase Diamond Drill Program to test the historical SB Zone on the Batchawana Copper Property located in Ryan and Kincaid Townships, Ontario. A phase I program completed in 2011 was highly successful, intersecting high grade copper mineralization over a 500 metre strike length.

The original Batchawana Copper Property consisted of 39 claim blocks (324 units), and was formerly held jointly by First Minerals Exploration Limited (FMEL) and Superior Copper Corporation (SCC). At the time of writing of this report, SCC has procured 100% interest in the Batchawana Copper Property, and currently holds a land position in Kincaid, Ryan, Palmer townships totalling 101 claim blocks (units).

A Diamond Drill Program consisting of 6 holes for 1299 meters was completed between January 20 and May 1, 2013.

LOCATION and ACCESS

The Batchawana Copper property is located approximately 85 kilometres (by road) north-west of Sault Ste. Marie, and approximately 140 kilometres south of Wawa, Ontario. The Trans-Canada Highway (Highway 17) crosses the westernmost portion of the property. The property is situated between UTM coordinates 668600E and 680200E, and 5208800N and 5215400N (NAD 83, Zone 16T).

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 property which are inaccessible to vehicles, but provide access on foot.

The main route into the property is the historical Coppercorp Mine Road which passes through the original mine site. A lumber road located 2 kilometres north along highway 17 from the historical Coppercorp Mine road provides access to much of the northern portion of the property.

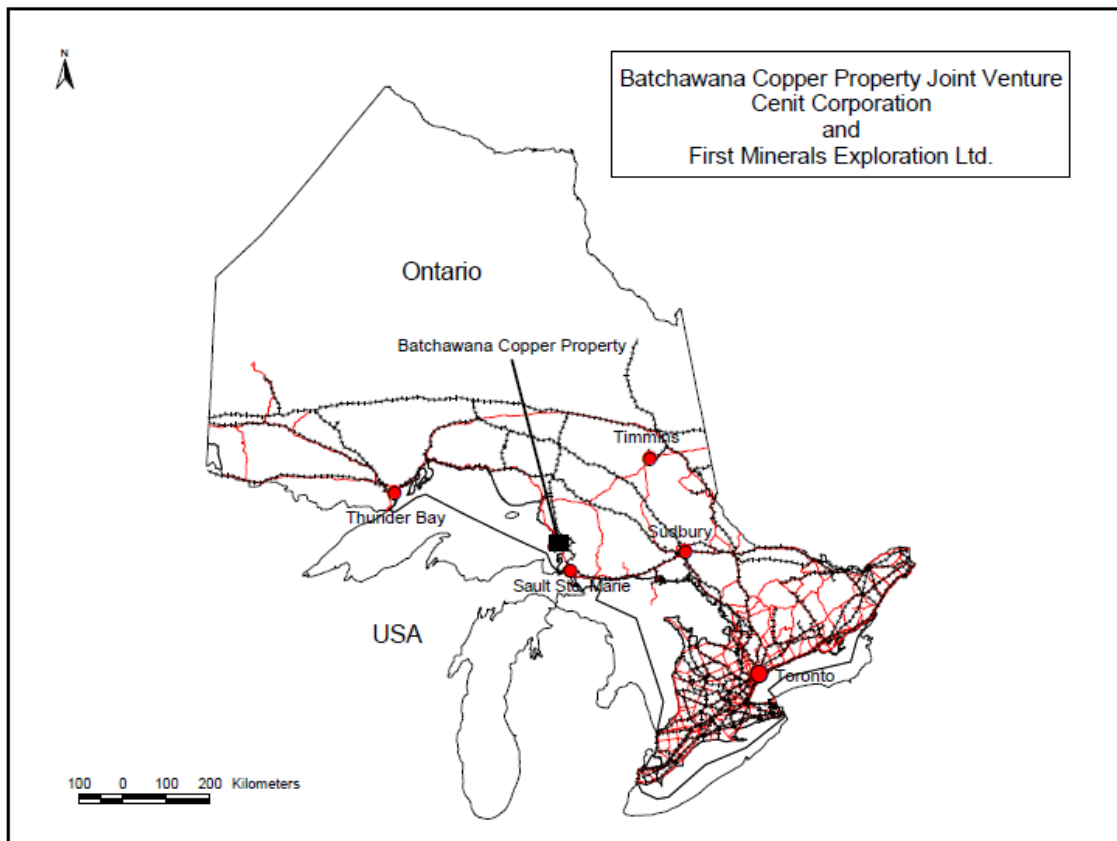
The Batchawana Copper Property is subject to an option agreement dated September 1, 2010 between Superior Copper Corporation (formerly Cenit Corporation) and FMEL, under which SCC has obtained an undivided 50% right, title and interest in the property. The property is also subject to a 1.5% NSR payable to three previous property holders by an agreement dated August 1, 2010.

To the best of the authors' knowledge, the property is not subject to any environmental liabilities.

HISTORY

The Batchawana Copper Property has a long history of prospecting, exploration and mining activity dating to the late 1700's. Surveyor and explorer David Thompson first discovered copper at Mamainse Point in 1798. The Montreal Mining Company held ownership of the property in 1856- 57 and the location became known as the Montreal Mining Sand Bay Location. Numerous companies held the ground and performed prospecting and exploration on the property in the intervening years including: the Ontario Mineral Lands Company 1871, Silver Islet Company 1872, Canadian Land Purchase Company 1891, Nipigon Mining Lands Company 1892 and Calamut and Hecla Mining Company 1906.

Figure 1: Batchawana Copper Property Location Map



Macassa Mines

In 1948-49, Macassa Mines completed an examination including prospecting and trenching in a number of locations on the current property. Surface massive chalcocite grab samples assayed from 10.03 to 68.28% copper. 19 diamond drill holes for 2,562 feet were completed with mixed results, the best assay being 1.91% copper over 20.3 feet (core length).

C.C. Huston and Associates

In 1951 Macassa optioned the property to C. C. Huston and Associates who completed 33,400 feet of diamond drilling by 1952, outlining copper mineralized zones in the area of the Coppercorp Mine, including the C, D, SB, and Silver Creek Zones. Two grade/tonnage estimates were calculated based on the diamond drilling results. C. C. Huston estimated tonnage to be 1,668,000 tons at a calculated average grade of 1.73% copper. J. A. Reid estimated 1,464,000 tons at 1.81% copper.

*** (It must be noted that although both estimates are believed to have been done to reasonable standards of the day, neither estimate conforms to current NI 43-101 standards.)**

Coppercorp Limited

In 1955 a new company, Coppercorp Limited, was created and a shaft was sunk to 550 feet. By 1957, 14,000 feet of lateral development was completed on three levels (250', 375' and 500'), surface and underground drilling was completed, and 60,000 tons of ore was stockpiled on surface (due to falling copper prices).

Vauze Mines Limited

Vauze Mines Ltd. (controlled by Sheridan Geophysics) completed surface exploration comprised of geology, geophysics and geochemical sampling as well as additional drilling from 1962 to 1964. In 1965, the Coppercorp deposit was brought into production, the workings dewatered and shaft deepened to 629 feet. A production rate of 500 tons per day produced copper concentrate with a recovery in excess of 90%. The historical (non 43-101 compliant) pre-production ore reserve estimate stood at 1.54 million tons @ 2.1% copper. The Coppercorp Mine ran until 1972, producing over 1,000,000 tons of milled ore for almost 24 million pounds of copper, 238,000 ounces of silver and 1,964 ounces of gold (see Table 1 for production by year).

Table 1: Coppercorp Historical Production (Source SMDR 000852)

Coppercorp Historical Production					
Year	Tons Hoisted	Tons Milled	Au (oz)	Ag (oz)	Cu (lbs)
1957*	60,000				
1965	14,882	38,919	386	30,069	832,928
1966	118,848	149,691	390	37,296	3,716,325
1967	146,601	146,441	—	35,500	3,557,000
1968	142,986	142,986	268	33,622	3,175,730

1969	161,488	161,488	249	55,761	4,769,452
1970	141,055	140,830	231	1,785	2,447,500
1971	155,811	156,111	440	33,570	3,109,758
1972**	83,519	84,892	?	?	2,173,235
Total***	965,190	1,021,358	1,964	237,603	23,782,028
* From 1955- 1957 development ore was stockpiled by Coppercorp, not included in total					
** Copper grade was reported to be 1.28%					
*** From 1969 to 1972 the Coppercorp mine had disputed accounting for ore production (Northern Miner Handbook, 1972-73) For the purposes of this technical report a production figure of 1,021,358 tons milled at 1.16% Cu is used based on data from the Source Mineral Deposit Record, SSM District Geologists office, MNDMF					

The majority of the property containing most of the copper occurrences (Montreal Mining Sand Bay Location) remained closed to staking until 2002. As a result, most prospecting work in the area was performed on showings located 3 kilometres north-west of the Coppercorp mine (Lutz vein and L-zone), which were believed to be potential continuations of the mine trend.

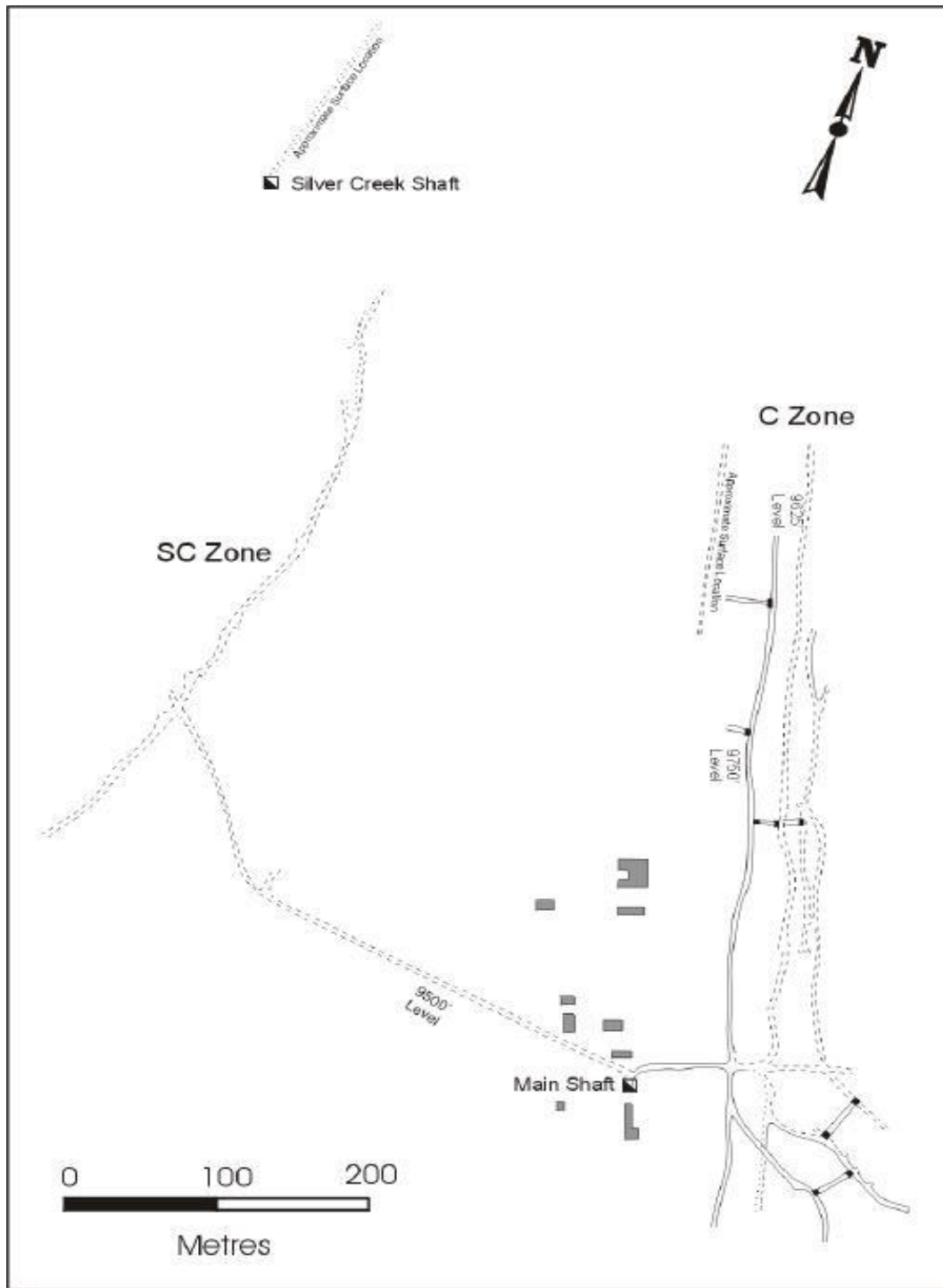
J.F. Paquette

In 1991-92, J. F. Paquette completed prospecting, sampling and a self potential survey over ground containing the Lutz vein and L-zone occurrences. A number of anomalies were identified but it was concluded that there was no correlation between the anomalies and the known mineralized zones. A number of samples returned values for gold from 1.0 to 7.2 grams per tonne. It was concluded that although gold values occur with copper, there was no correlation between copper and gold concentration (Rupert, 1991).

Cominco Limited

Cominco Limited optioned the property containing the Lutz vein and L-zone in 1993, completing geological mapping/sampling, surficial geochemistry and electromagnetic (UTEM) and magnetic surveys (Lum, 1994; Smith, 1995). A number of magnetic highs were identified during the magnetic survey were interpreted as offsets of geological units on cross-cutting faults. No significant anomalies were identified by the UTEM survey. Some well known copper showings and magnetic lows were responsible for several narrow zones of low resistivity (Lum, 1994). Geochemical surveys using soil and humus samples returned copper anomalies over the L zone but not the Lutz vein. Cominco took chip samples across a mineralized section of the Lutz vein adit, with the highest values being 6000 ppb gold and 28000 ppm copper. Chip samples over the L-zone returned up to 19,500 ppb gold and 50,500 ppm copper (Smith, 1995).

Figure 2: Historical Coppercorp Underground Workings projected to Surface (After Coppercorp Limited surface plan and underground composite, un-published map, October 25, 1964, and Moss 2004)



Intrepid Minerals/Falconbridge

In late 2000, Falconbridge limited and Intrepid Minerals Corporation formed the Circum Superior Joint Venture project to explore the area around Lake Superior to explore for Iron-Oxide Copper-Gold (IOCG) deposits. The area around Batchawana Bay was believed to have the potential for hosting an IOCG deposit because of the favourable geological environment, numerous copper and iron occurrences, local pervasive hematization, local sodic and potassic alteration, and the presence of large gravity and magnetic anomalies.

Reconnaissance geological mapping and prospecting, ground gravity surveys and litho geochemistry was carried out in parts of Ryan Township, as well as 5 short diamond drill holes for 797 meters.

T. Nicholson, W. Gibbs, N. Pipoli

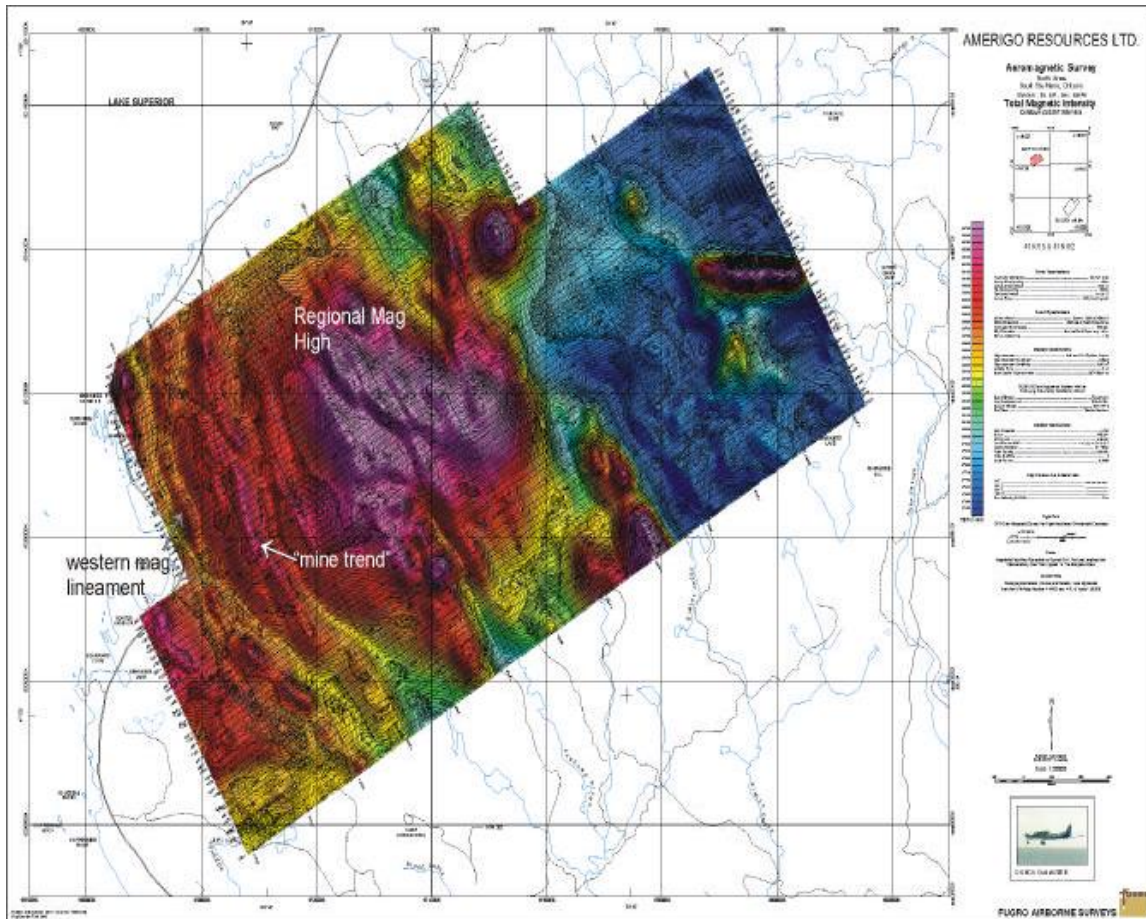
In 2002, local prospectors Terry Nicholson and William Gibbs staked much of what is now the Batchawana Copper property, and proceeded to option the claim group to Amerigo Resources Limited.

Amerigo Resources Limited

In 2003, Fugro Airborne Surveys completed an airborne magnetic survey over the Batchawana Copper Property (original Coppercorp Property) outlining several magnetic anomalies and a large 3 kilometre by 3 kilometre central magnetic high known as the “Regional Mag High” (RMH). The survey indicated that areas of the property underlain by Keweenawan- aged rocks are characterized by moderate to high magnetic intensity. Areas underlain by conglomerates typically indicate lower magnetic intensity, and the unconformity between the Keweenawan rocks to the west and the Archean rocks to the east is characterized by a steep magnetic gradient, with the Archean rocks demonstrating a much lower magnetic intensity.

Four areas of the property received reconnaissance scale mapping and sampling (RMH, Ubetuwanit, Coppercorp west and Pancake river road) and three areas were visited and prospected (Lutz vein, L-zone and Coppercorp east). 16 line kilometres were cut on the Silver Creek South grid, followed by geological mapping and sampling. Amerigo completed multi-element geochemical analyses on all samples taken during the mapping programs and verified high copper and silver on the main prospects, some with higher gold content.

Figure 3: Amerigo Aeromagnetic Survey by Fugro showing Total Magnetic Intensity;
 Note “Mine trend” lineament and Regional Mag High, (Moss, 2004)



Nikos Explorations Limited

In 2004, Nikos Explorations Ltd. obtained the property from Amerigo and proceeded to complete detailed mapping, sampling, and geophysics over the Beaver Pond grid (located southeast of the Silver Creek grid), cutting 14 line-kilometres. An induced polarization study indicated three main chargeability anomalies trending northwest-southeast which appear to be continuations of anomalies defined on the Silver Creek grid.

A stage I drill program completed in 2005 was comprised of 1,005 metres in 6 holes, and was designed to test the chargeability anomalies and mobile metal ion (MMI) anomalies present on the grid. The depth extension of the main mine trend zones (mineralized vein breccia of the SB Zone) was also tested. Drill hole CP-05-05 intersected 2.47% Copper, 8 gpt Silver and 72 ppb Gold over a core length of 22.6 metres. However, it must be noted that this hole was actually drilled down-dip on the vein breccia structure and the results are not representative of the true width of the SB Zone in this location.

Figure 4: Beaver Pond Grid Showing Location of Phase 1 DD Holes (Moss, 2005)

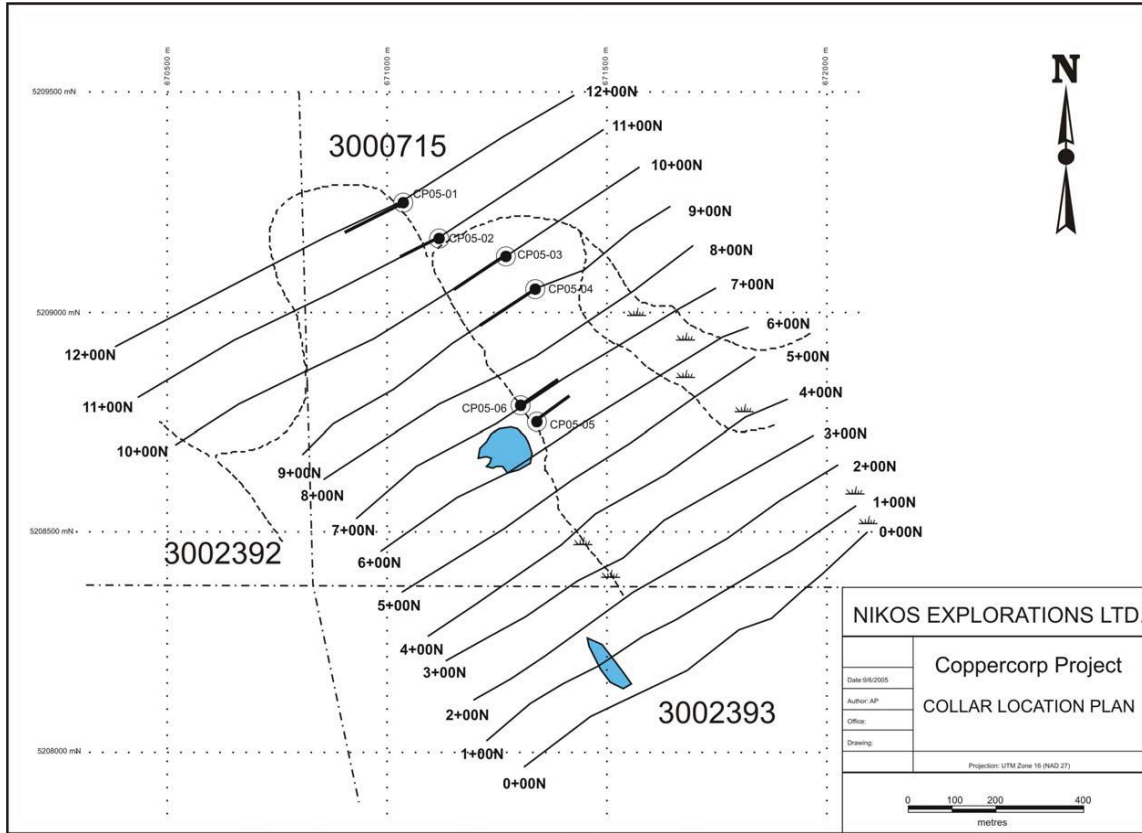


Table 2: Nikos DD Program Phase 1 Significant Results

Hole ID	Easting	Northing	From (m)	To (m)	Length (m)	Copper ppm	Silver ppm	Gold ppb
CP-05-01	671038	5209248				NSV		
CP-05-02	671117	5209165	9.35	11.7	2.35	27,283	20.7	112.5
CP-05-03	671268	5209123	67.85	68.3	0.45	27140	0.4	13
			70.80	71.20	0.40	30180	0.9	22
			103.70	104.20	0.50	12070	1.2	36
			146.00	148.70	2.70	63806	58.4	526
CP-05-04	671339	5209051	58.00	58.50	0.50	11230	0.7	<2
			75.40	75.90	0.50	26140	4.4	26
CP-05-05	671340	5208751	90.10	112.70	22.60	24729	8.0	72
			143.85	145.85	2.00	13850	0.4	24
CP-05-06	671305	5208789	10.10	10.75	0.65	25950	19.5	62

A second stage drill program completed by Nikos in 2007 was comprised of 2,728 metres in 17 holes. The drill program predominantly outlined vein-type copper mineralization in a south-easterly direction following the historical mine trend on the Beaver Pond Grid, but also tested other targets on the Silver Creek Grid, and also the Ubetuwant and L-zone showings to the north of the two grids.

Figure 5: Nikos 2007 Diamond Drill Hole Location Plan, (Moss, 2007)

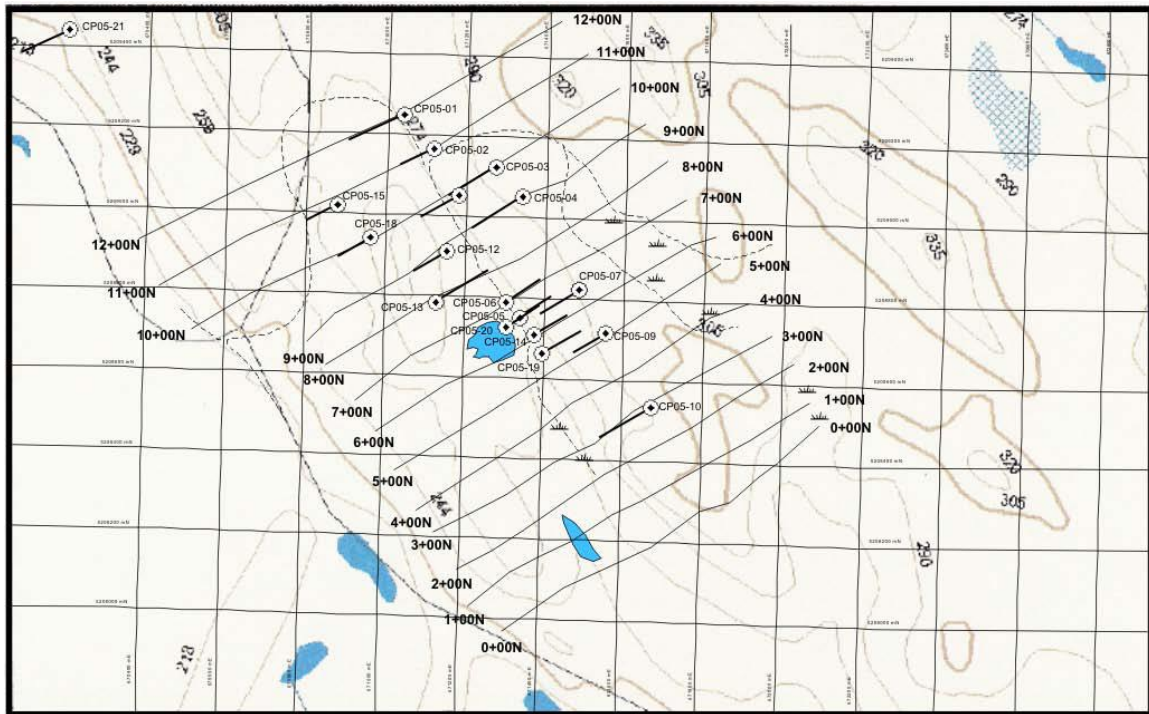


Table 3: Nikos DD Program Phase 2 Significant Results

Hole ID	Easting	Northing	From (m)	To (m)	Length (m)	Copper ppm	Silver ppm	Gold ppb
CP-05-07	671486	5208823	77.15	77.65	0.5	12500	0.1	26
			87.00	88.00	1.00	16700	0.1	7
			109.50	110.00	0.50	13500	0.4	11
			122.55	123.30	0.75	30400	0.8	15
			141.40	141.90	0.50	14500	0.6	12
			145.75	148.10	2.35	20330	4.4	22
CP-05-08	671486	5208823	187.70	188.30	0.60	29700	5.1	69
			112.70	113.10	0.40	14100	0.2	10
CP-05-09	671567	5208937	163.55	165.30	1.75	10300	1.8	10
			168.25	168.75	0.50	15662	0.3	3

CP-05-10	671618	5208777	192.00	192.50	0.50	12000	9.9	15
CP-05-11	671121	5209260				NSV		
CP-05-12	671045	5209077	47.85	48.90	1.05	15200	11.5	15
			50.55	51.15	0.60	15500	10.1	10
			61.20	61.50	0.30	12900	14.4	5
CP-05-13	671129	5208783				NSV		
CP-05-14	671373	5208706	49.60	54.00	4.40	14513	12.8	6
			68.20	69.00	0.80	33400	36	10
			77.85	83.60	5.75	12500	10.3	9
			94.05	94.55	0.50	12400	1.4	5
			99.25	99.85	0.60	12600	4.4	9
			137.80	138.80	1.00	12000	0.5	19
CP-05-15	670878	5209020	24.20	26.30	2,1	22443	3.9	13
CP-05-16	670467	5211031	28.35	29.00	0.65	21100	12.8	162
CP-05-17	670467	5211031	35.60	35.85	0.25	11500	4	36
CP-05-18	670962	5208942				NSV		
CP-05-19	671395	5208661	45.50	47.00	1.50	19600	27.5	7
			55.70	57.70	2.00	22000	26.6	5
			59.70	61.70	2.00	11100	11.6	<5
			78.50	82.50	4.00	14830	2.1	4
			103.80	104.50	0.70	27400	1.1	11
CP-05-20	671305	5208724	25.80	26.20	0.40	37700	24	325
			30.50	31.10	0.60	125000	48.2	74
			33.90	34.50	0.60	44000	15.6	15
CP-05-21	670198	5209436				NSV		
CP-05-22	670101	5212081				NSV		
CP-05-23	670101	5212081				NSV		

First Minerals Exploration Limited

In 2009, First Minerals Explorations Ltd. made a deal to procure the property from Nikos. The author completed a number of property visits to investigate historical mineralized showings and mineralization recently un-earthed in a number of pits.

Figure 6: Work Program Area October 2010 (Edgar, 2010)

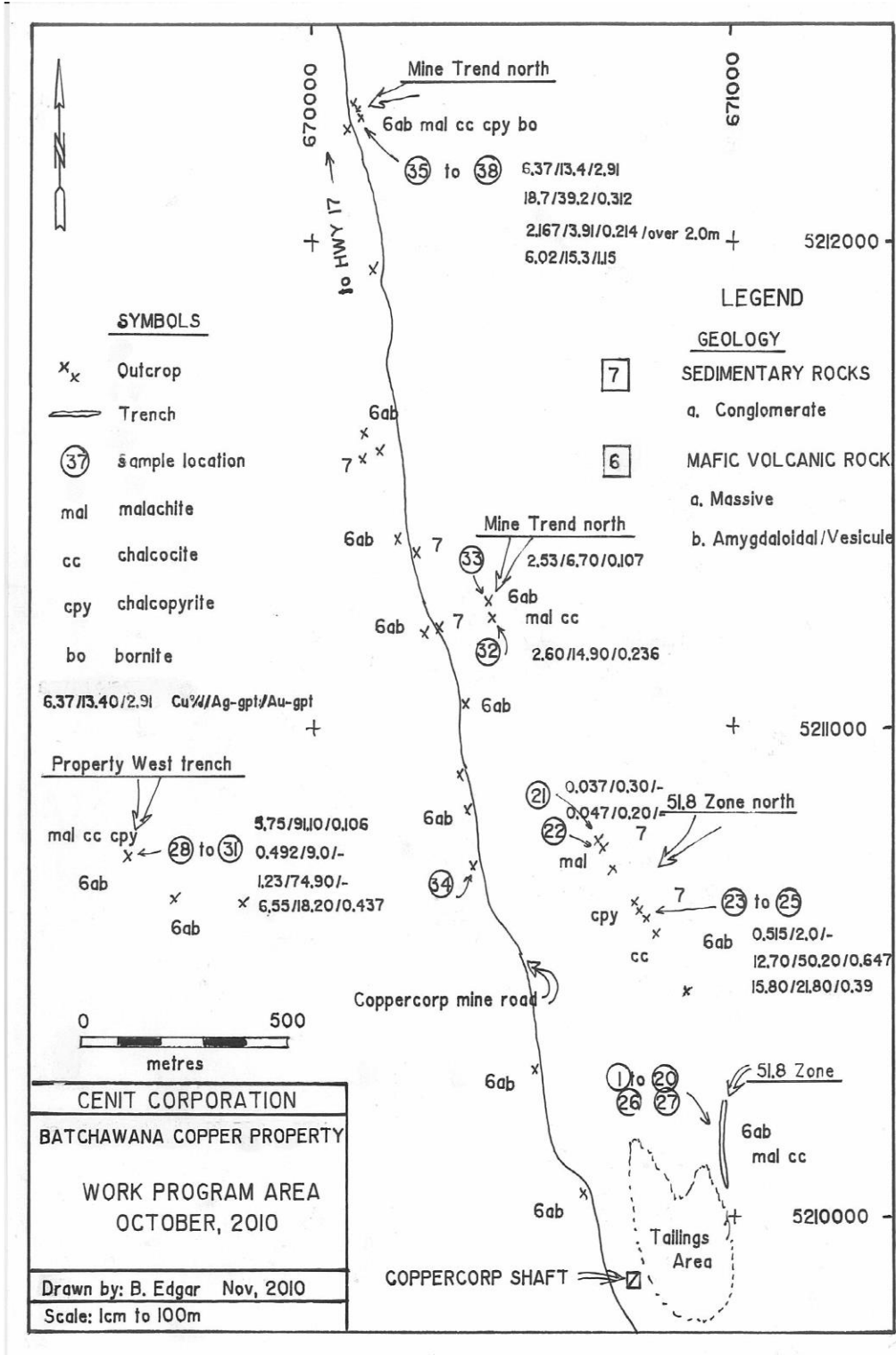
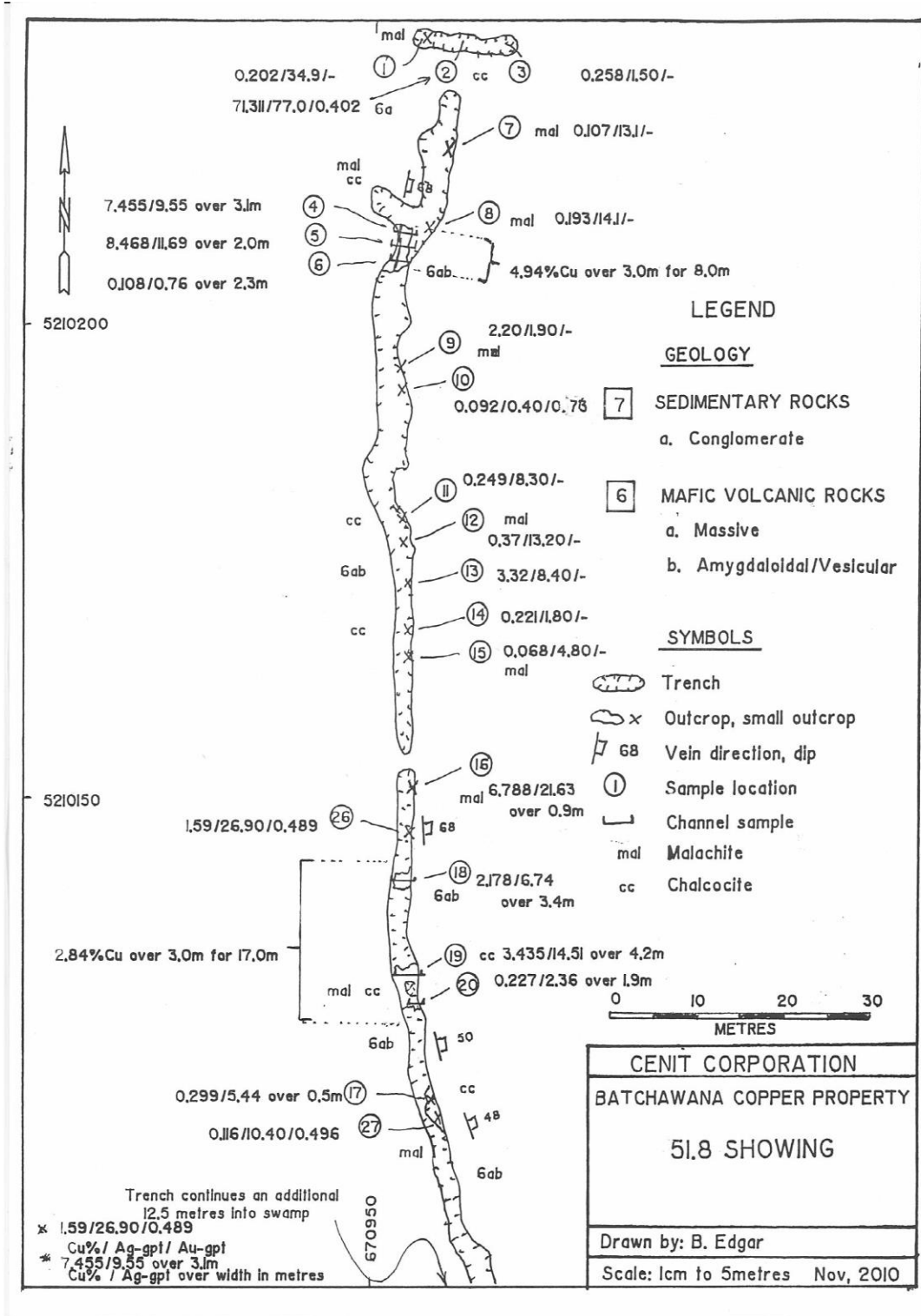


Figure 7: 51.8 Showing (Historical "B" Zone) (Edgar, 2010)



Geological mapping and sampling of claim 3015686 was carried out from May 22 to 26, 2010. The claim covers both the historical Lutz Vein adit and the L-Zone. Eleven of twenty-six samples taken by the author returned copper grades greater than 1.25%, with the highest grade returned being 12.567% Cu.

Cenit Corporation (Superior Copper Corporation)

In 2010, Cenit Corporation made a deal with First Minerals to obtain a 50% right title and interest in the property. In October, 2010, the author completed a property investigation which included mechanized stripping/trenching over selected areas, and prospecting, mapping and grab, chip and channel sampling. Channel sampling within the exposed trench along the "51.8" zone (historical B Zone) returned significant results. The northern section returned a grade of 4.94% Cu over 3.0 metres for a length of 8.0 metres, and the southern exposed section returned a grade of 2.84% Cu over 3.0 metres for a length of 17.0 metres. .

From July 6 through September 7, 2011 Cenit completed a Diamond Drill Program to test the 51.8 zone (historical "B" zone) comprised of 13 holes for 887.5 meters. Results indicated that the fracture/fault structure is quite continuous over the tested area, both along strike and at depth. Copper mineralization is also indicated across the tested area however, grades and widths of mineralization vary greatly from hole to hole. Although the zone appears to continue both on strike and at depth, further work on the zone was not recommended.

A geological mapping and sampling program was carried out on claim 3015689 (Kincaid Breccia Area) from July 14 through September 30, 2011, concurrent with the 51.8 zone ('B' zone) diamond drill program. The work program revealed two distinct areas demonstrating significant copper mineralization. Both areas feature quartz/hematite breccia with disseminated copper mineralization in the form of chalcopyrite, chalcocite, bornite and malachite. Copper assays as high as 17.06% were returned from surface grab samples.

From September 10 through October 23, 2011, a Diamond Drill Program was completed on the historical SB zone. All holes returned highly significant assay results for copper. The metre-percent average for all SB zone intersections from the phase 1 program was 11.54 (equivalent to 3.84% over 3.0 metres), with the highest grade attained being 7.27% Cu over 4.8 metres. The SB zone was intersected over the entire tested strike length, demonstrating the continuity of the structure and mineralization. Intersections as deep as 60 metres below historical mine workings (-160 metres) were achieved (BCP-17-11) demonstrating the continuity of the copper mineralization at depth.

Five distinct mineralized zones were intersected in hole BCP-24-11 which was drilled approximately 500 metres on strike from the initial hole of the program, BCP-15-11.

Three intersections were achieved prior to intersecting the SB zone, suggesting that other parallel zones may exist north-east of the mine trend in this area. An intersection south of the assumed SB zone suggests a splay or bifurcation of the main SB zone.

The SB zone remained open on strike to the south-east and at depth at the completion of the phase 1 program. FMEL/SCC hold ground on trend to the south for an additional two claim blocks, or approximately 3,000 metres.

From January 20 through May 1, 2013, a Phase 2 diamond drill program was completed on the SB zone, which is the subject of this report.

GEOLOGICAL SETTING and MINERALIZATION

The Regional geological setting and mineralization found in the area has been well described by numerous geologists in the past including P. Giblin (Ontario Department of Mines, 1:63,360 scale geological mapping, 1973), a M.Sc. thesis by J. P. Richards (1995), and private industry geologists, notably B. W. Mackie (2003), D. Tortosa (2002), R. Moss (2004, 2005, 2007) and H. Coates (2011). The author has borrowed heavily from these previous geologists. The following descriptions are summarized from the reports of the aforementioned geologists, principally the latter reports of R. Moss.

Regional Geology

The area of interest is situated on the eastern edge of the Mid-Continental Rift (MCR) which underlies what is now Lake Superior and was active during the mid-Proterozoic, Keweenawan period (1100-1200 Ma). The Keweenawan rocks of the MCR are characterized by regionally extensive gravity and magnetic anomalies, and by large-scale crustal structures throughout the Lake Superior region.

The western three-quarters of the Batchawana Copper Property covers Keweenawan-age (1100-1200 Ma) volcanic and sedimentary rocks of the Mamainse Point Formation. This rock formation unconformably overlies Archean-age metavolcanic rocks of the Batchawana Greenstone Belt which cover the eastern quarter of the property.

Local Geology Rock Types

Archean Rocks

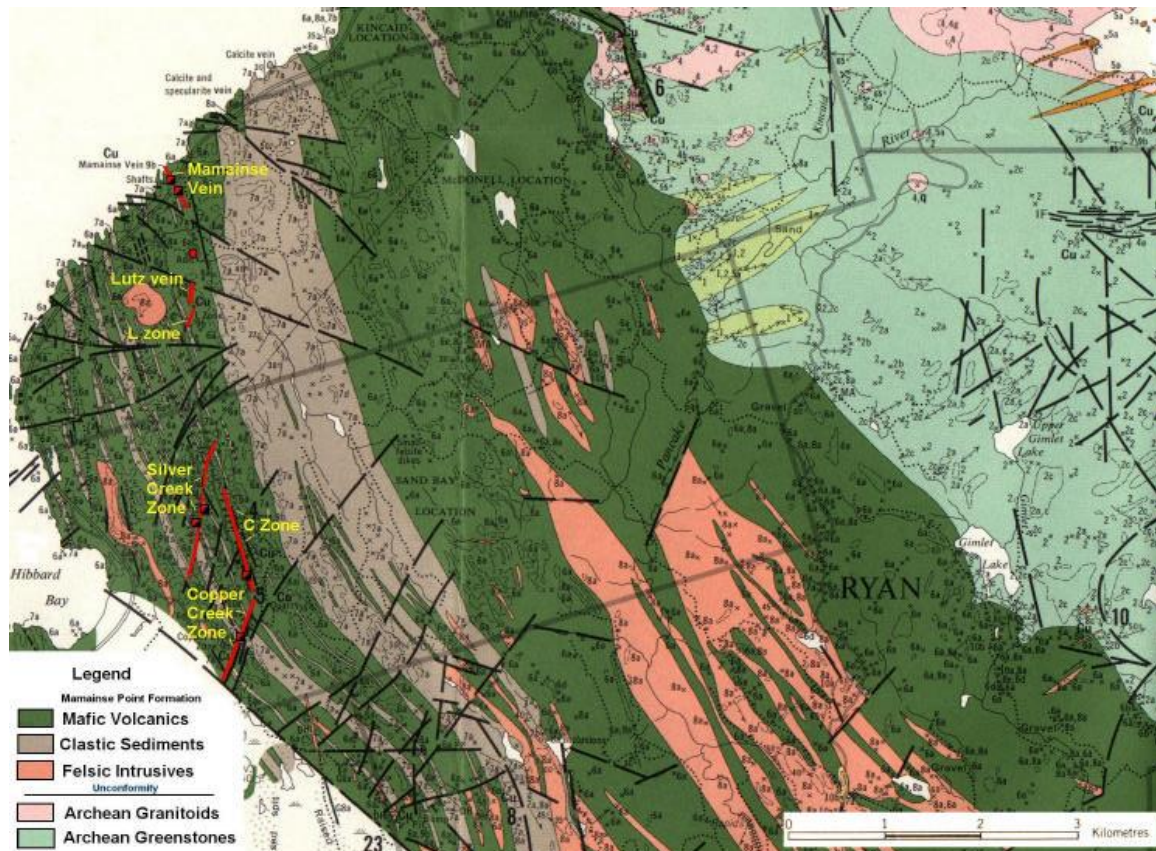
The rocks of the Batchawana Greenstone Belt on the property consist of mafic to intermediate metavolcanics containing minor felsic metavolcanic units. The Pancake Lake Iron Formation which trends roughly east-west occurs just east of the north-easternmost end of the property and consists of Algoma-type iron formation. The Archean rocks have been deformed and metamorphosed up to amphibolite rank resulting

in northeast trending isoclinal folds and a penetrative fabric with steep dips. The rocks have been intruded by felsic dikes, felsic porphyry, and felsic breccias considered to be Keweenaw in age and related to the Keweenaw felsic volcanic and intrusive rocks occurring more extensively within the Mamainse Point Formation to the west. A Keweenaw-age felsic intrusion, the Jogran Porphyry, intrudes the mafic metavolcanics about 1 kilometre east of the eastern edge of the property. The Jogran Porphyry is notable for having several Cu-Mo prospects associated with it.

Keweenaw Rocks

The Mamainse Point Formation consists of a 6 kilometre thick sequence of subaerial flood basalts intercalated with conglomerates and felsic volcanic and sub-volcanic units. the sequence generally trends to the northwest with a homoclinal dip of 30-40° southwest. To the north, the Mamainse Point Formation is unconformably overlain by the Mica Bay Formation, considered to be the equivalent of the Freda Formation on the south side of Lake Superior. (Hamblin, 1961; Annells, 1973, Giblin, 1969). To the south, the Mamainse Point Formation is in fault contact with red sandstone of the Jacobsville Formation. Both the Jacobsville Formation and the Mica Bay Formation (Freda Formation) are considered to be late Keweenaw in age based on paleomagnetic age estimates (Halls and Pesonen, 1982).

Figure 8: Regional Geology map (Giblin, 1973)



Mafic Volcanics

Basalt volcanic flows generally range from 1.5 to 30 metres in thickness, with upper vesicular zones and topped by ropy pahoehoe or scoriaceous flow tops, depending on the rock composition (Annells, 1973). In some cases, clastic material occurs as dike-like structures in joints and fissures in the basalt, which are thought to indicate the occurrence of minor earth movements contemporaneous with the accumulation of the lava pile. The clastic sediment in these structures is often highly altered, suggesting that the fissures acted as channel-ways for hydrothermal fluids (Richards, 1985).

Conglomerates and Sandstones

The clastic sediments within the Mamainse Point Formation consist primarily of poorly sorted, clast-supported polymictic conglomerate containing minor lenses and sheets of cross-bedded, coarse sandstone. Conglomerate clasts are rounded, ranging from pebbles to boulders in size, and are derived predominantly from mafic volcanic (Keweenawan) and granitic (Archean) source areas. The polymictic conglomerate has been interpreted as forming within an alluvial fan depositional environment in a rifted crustal setting. The conglomerate most likely originated as fault scarp deposits resulting from normal faulting occurring at the edge of the rift. Syn- to slightly post-tectonic sediment transport occurred from the craton towards the down-dropped blocks within the rift (Smith, 1995).

Felsic Volcanics and Intrusives

Hypabyssal felsic rocks occur throughout the stratigraphic succession and have been identified as being predominantly intrusive and sub-volcanic in nature. The three main rock types found are: quartz porphyry, felsite, and flow-banded rhyolite (Giblin, 1969c; Annells, 1973). Although many of the felsic rocks have intrusive contact relationships with the mafic volcanics and conglomerates, the presence of agglomerates and felsic tuffs in the sequence indicate that felsic intrusive activity extended to surface and was contemporaneous with the eruption of basaltic lavas (Annells, 1973; Giblin 1969b; Richards, 1985).

In the upper part of the volcanic pile, near the Lake Superior shore, flow-banded felsic units are strongly hematized to the extent that they can be easily confused with the red Jacobsville sandstone in the area. The hematite alteration is irregularly overprinted by a white, bleaching alteration (kaolinitization). In some felsic units, the extent of this alteration is such that several areas were investigated for their kaolin potential in the 1960's.

Geologic Structure

The Mamainse Point Formation is transected by three major faults that offset or truncate the stratigraphy: the Mamainse Point Fault, the Mamainse Lake Fault, and the Hibbard Bay Fault.

The Mamainse Point Fault trends east-northeast and juxtaposes rocks of the Mamainse Point Formation with the red sandstones of the Jacobsville Formation. The Mamainse Lake Fault trends northeast and displays a variable, left-hand strike displacement of the volcanic and sedimentary units. The fault appears to converge with the Mamainse Point Fault under Pancake Bay. The Hibbard Bay Fault is a northwest trending fault that truncates the stratigraphy at an acute angle. The fault is oriented subparallel to the rift axis under what is now Lake Superior.

Many of the north-east trending crustal-scale faults along the Lake Superior shore have been interpreted as having late reverse movement based on geophysical analysis (gravity, magnetic, and paleomagnetic data). Manson and Halls (1993) attribute the reverse movement to the compressional effects of deformation from the southeast related to the Grenville orogenesis in late Keweenaw time.

In addition to the large crustal scale structures in the area, stratigraphic units of the Mamainse Point Formation have been offset by a series of radially distributed faults with a focal point located in the central part of the Batchawana Copper Property. The radial distribution of faults coincides with a regional convex upwarping of the Mamainse strata towards the west. The focal area is dominated by an area of high magnetic intensity, and many of the faults radiate westward from a large body of felsite about 4 kilometres east of the Coppercorp Mine. These same radially distributed faults form some of the mineralized zones in the Coppercorp Mine.

This regional warping of the Mamainse Point Formation with possible concurrent radial faulting appears to be a late stage feature that may be significant to the mineralization process in the Coppercorp area and elsewhere on the property.

Geophysical Setting

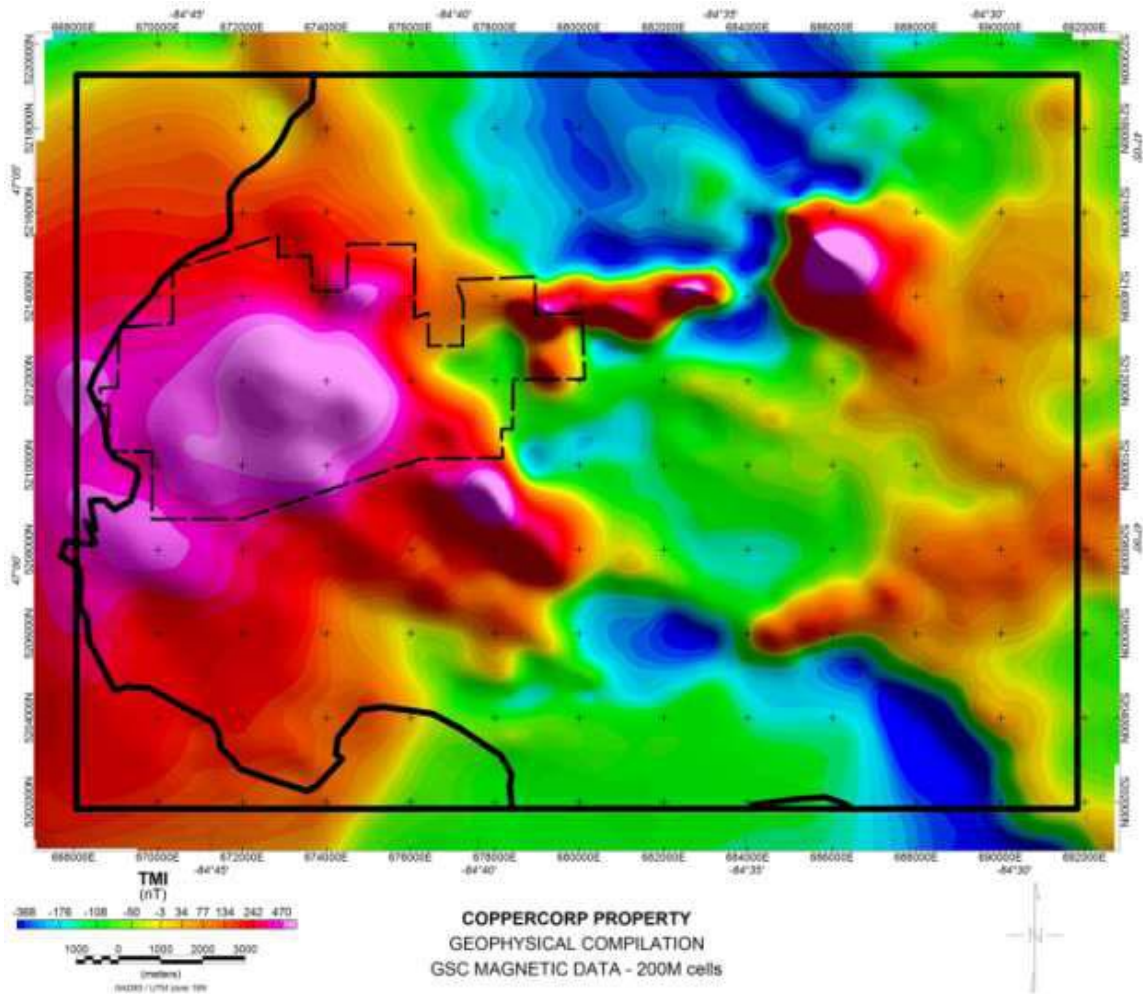
Regional airborne magnetic and electromagnetic surveys were flown over the Batchawana area at 200 metre line spacing by the Ontario Geological Survey (OGS, 1992). In the Mamainse Point area there is a dramatic increase in the regional magnetic intensity of the rocks for the Mamainse Point Formation, primarily due to the mafic volcanic lavas in the sequence. The volcanic stratigraphy is partly outlined by the aeromagnetic survey due to the higher magnetic susceptibility of some of the volcanic flows. Segmentation of the magnetic horizons can be correlated with lateral displacement along faults.

An area of high magnetic intensity occurs in the north-central part of the

Batchawana Copper Property. The magnetic anomaly has a broad east-west trend and is segmented by regional faults. Mapped geological units in this area follow a northwest trend and do not coincide with the orientation of the magnetic feature.

An east-west trending linear magnetic high occurs at the northeast end of the property and can be attributed to the Pancake Lake Iron Formation. There are a number of circular to elliptical magnetic features in areas near the property that cannot be easily explained. Airborne electromagnetic anomalies have low conductance, are irregularly distributed and appear to reflect areas of conductive overburden (Pancake River valley).

Figure 9: GSC Magnetic Data, Batchawana Copper Property



Mineralization

A variety of intrusion related hydrothermal mineralization styles are found in the Mamainse Point, Lake Superior region. These include:

- *Copper-rich polymetallic quartz-carbonate-sulphide veins, vein stockworks and breccias:* The primary example of the vein-breccia type is the past-producing Coppercorp Cu-Ag-Au Mine on the current property. The former producer Tribag Cu mine located some 20 kilometres east of the Coppercorp mine is the main example of breccia-hosted mineralization.
- *Porphyry-style Cu-Mo mineralization:* The Jogran prospect located approximately 10 kilometres east of the Coppercorp mine is the only known occurrence of this type in the region.
- *Minor disseminated native copper in amygdules and veins:* Mineralized polymetallic quartz-carbonate-sulphide veins occur in breccia zones typically with a gradation from high-grade sulphide veins to barren oxide cemented breccias.

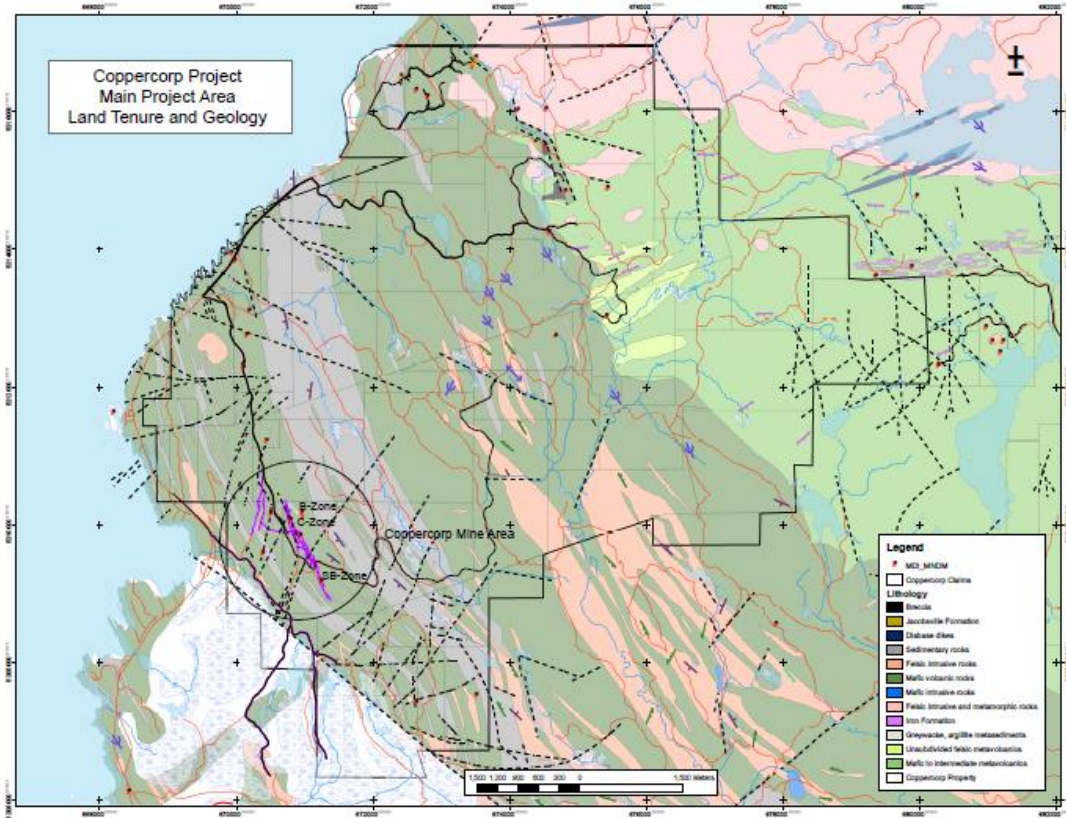
The wallrock to the veins are commonly chloritized and sericitized and may contain epidote. The copper sulphides, dominantly chalcocite with lesser chalcopyrite and bornite, are usually accompanied by specular hematite and minor sphalerite and galena. Secondary copper minerals, malachite and azurite, are common around surface showings.

The breccia-type mineralization on a nearby property, the Tribag Mine, was mined between 1967 and 1974. Mineralization at Tribag consists of chalcopyrite, pyrite +/- molybdenite within four breccia pipes the largest being the Breton Breccia Pipe.

The Jogran Cu-Mo Porphyry is located in the eastern portion of the current property near the northwestern shore of Mamainse Lake. The Jogran Porphyry is a small intrusive plug of Proterozoic quartz-feldspar porphyry intruded into a sequence of steeply dipping Archean basic volcanic flows. Chalcopyrite, molybdenite and pyrite mineralization (approximately 1% by volume) occurs in the porphyry. Most of the molybdenite is on fine fractures or quartz veinlets up to 2.5 centimetres wide. In the surrounding volcanics, joints, fracture zones, veins and replacements along faults are mineralized with various combinations of quartz, calcite, actinolite, magnetite, pyrite, chalcopyrite, bornite, molybdenite and scheelite.

By the 1990's some exploration companies (Aurogin Resources, Intrepid Minerals, Falconbridge Limited) had postulated that the eastern Lake Superior region might be prospective for Iron Oxide-Cu-Au ("IOCG") intrusion-related hydrothermal Cu-U-Au-Ag deposits similar to the giant Olympic Dam deposits of South Australia. While exploration efforts to date have not resulted in the discovery of substantial mineral deposits of this type, all reports maintain that there are clear indications that the regional paleotectonic setting, alteration features, and mineralization occurrences are consistent with the IOCG style of mineralization.

Figure 10: Land Tenure and Property Geology



WORK PERFORMED

From January 20 through May 1, 2013, Superior Copper Corporation completed a Diamond Drill program consisting of 6 holes for 1299 meters on the historical SB Zone, B Zone and C Zone on the Batchawana Copper Property located in Ryan and Kincaid Townships, Ontario.

One drill hole tested the historical B zone at a location just above the Great Conglomerate contact, and one drill hole tested the C Zone below the historical mine workings and just above the Great Conglomerate contact.

Four holes were designed to test the historical SB zone between previous holes of the phase 1 drill program of 2011 (Edgar and Tortosa 2012) and to test the SB Zone below the lowest level of the Coppercorp Mine workings (approximately 150 to 200 metre depth). It was also designed to test the southern extent of the SB Zone structure identified during the Phase 1 drill program. The southern extent of the SB Zone structure has not been tested during this drill program, but is planned should financing become available.

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 co-author, Bruce Edgar (H BSc., P. Geo.) and Mr. Brian Edgar (H BSc.). Project management was provided by co-author Delio Tortosa (M Sc., P. Eng.). Assaying was performed by AGAT Laboratories of Mississauga, Ontario, an accredited laboratory.

Table 4: Phase 2 Diamond Drill Hole Locations

Hole #	Easting	Northing	Elevation	Azimuth	Dip	Length (m)
BCP-13-13	670889	5210077	285 m	250°	-65	203.29
BCP-13A13	671013	5210147	290 m	255	-78	75.28
BCP-18-13	671270	5209340	299 m	246	-70	242.91
BCP-20-13	671445	5209166	290 m	240	-45	258.15
BCP-22-13	671439	5209102	285 m	236	-45	252.06
BCP-23-13	671453	5209099	285 m	235	-62.5	267.30

Figure 11: C Zone and B Zone Location Plan showing completed holes by Superior Copper Corporation (magenta: 2011, green; 2013) See Appendix for full scale map.

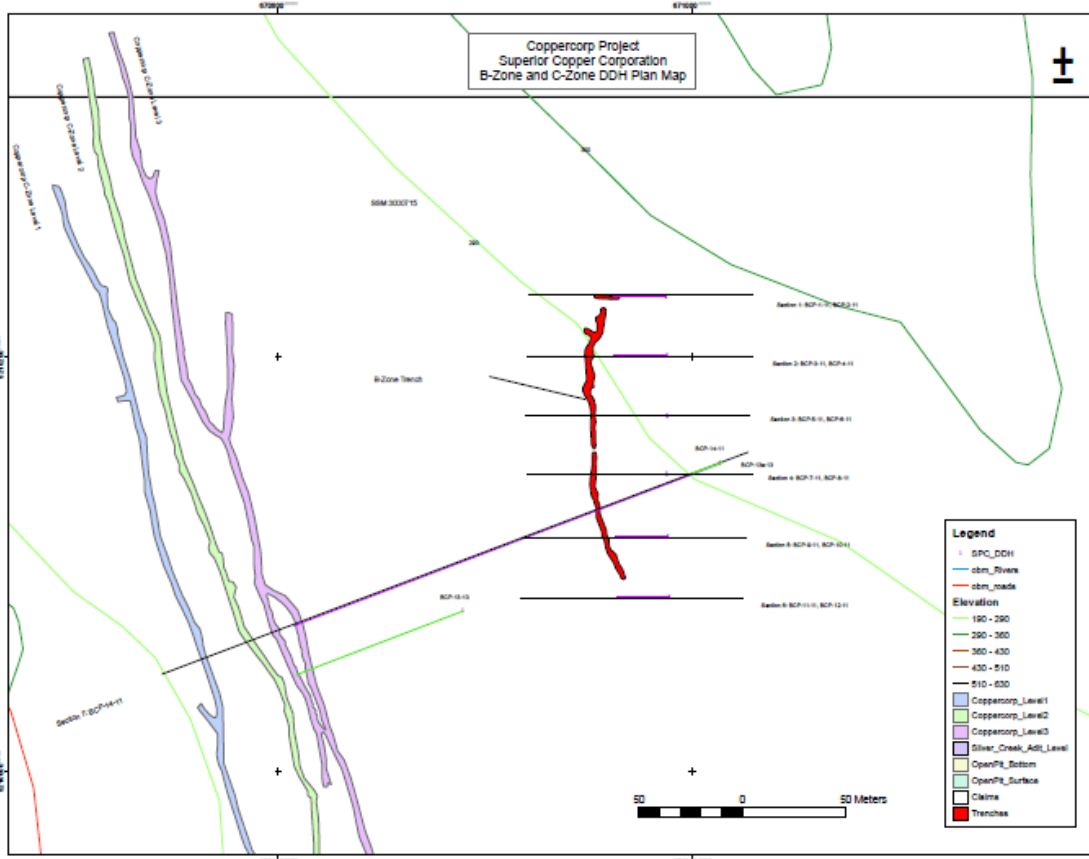
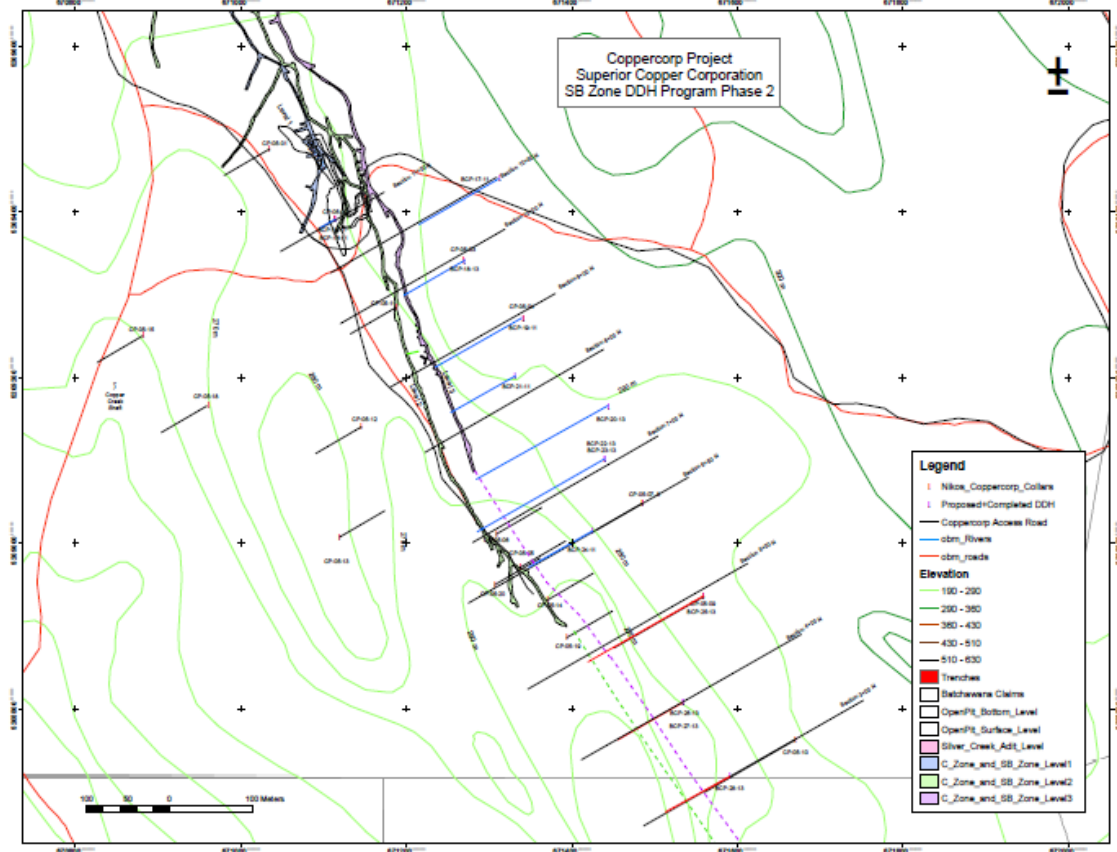


Figure 12: SB Zone Location Plan showing completed/planned holes by Superior Copper Corporation (blue/red) and historical holes completed by Nikos Explorations (black). See Appendix for full scale map.



RESULTS

Diamond Drilling

B-Zone and C-Zone

C-Zone: BCP-13-13, Section 7

Drill hole BCP-13-13 was drilled to intersect the C-Zone mineralized vein breccia about 30 metres down-dip from Level 3 of the Coppercorp Mine workings, and to test the vein breccia immediately above the Great Conglomerate contact.

Two zones of vein breccia were intersected on the down-dip extension of the C-Zone at 174.5 m (2.7 m core length) and at 185.5 m (4.5 m core length). No significant values for copper and silver were encountered in either zone. The ‘main’ vein breccia at 185.5 m lines-up with the C-Zone, the vein breccia at 174.5 m occurs about 10 metres in the structural hanging wall of the C-Zone.

The drill hole successfully tested the vein breccia immediately above the Great Conglomerate contact for potential pooling of high-grade copper mineralization, with negative results.

B-Zone: BCP-13a-13, Section 7

Drill hole BCP-13a-13 was drilled to test the B-Zone vein breccia above the Great Conglomerate.

Mineralized vein breccia was intersected at 43 m over a core length of 4.6 m. The vein breccia zone consists of quartz-calcite and hematite veinlets and vein breccia containing basaltic and felsite fragments. Semi-massive chalcocite occurs as blebs, fracture fill, and as matrix to basaltic fragments. A composite assay over 4.6 metres returned a grade of 2.04% Cu, 14.2 g/t Ag, and 195 ppb Au.

The mineralized vein breccia had contact angles to the core axis that lined up with the B-Zone mineralization encountered in drill hole BCP-14-11 (Edgar and Tortosa, 2012), and with a surface trench on the B-Zone, resulting in a dip angle to the B-Zone of -40° East. A felsite dike about 4 metres wide occurs on the immediate structural hangingwall of the mineralized vein breccia and appears to occupy the same structural zone.

The mineralized intersection of vein breccia occurs about 20 metres up-dip from the Great Conglomerate contact. The drill hole successfully tested the vein breccia above the Great Conglomerate for potential pooling of high-grade copper mineralization.

B-Zone and C-Zone Summary

The lack of high-grade copper mineralization down-dip on the C-Zone reflects the irregular distribution of copper mineralization within the C-Zone structure. It also suggests that much of the vein breccia may be earlier than the main mineralizing period. No plunge orientation has been identified on the C-Zone longitudinal sections of the Coppercorp Mine workings showing the mined-out stopes.

The B-Zone mineralization varies along strike and down-dip. The Phase 1 diamond drill hole program (Edgar and Tortosa, 2012) identified the north end of the B-Zone as having the highest grade mineralization, but the 2013 drill hole identified that a high-grade zone occurs further south as well. This reflects the irregular distribution of high-grade copper mineralization along the B-Zone structure. The close structural association between felsite dikes and vein breccia is apparent in the B-Zone.

The possibility of an enhancement of grade immediately above the Great Conglomerate along intersecting structures (vein breccias) is equivocal and does not necessarily reflect an area where there has been an enhancement of high-grade mineralization.

SB-Zone

The 2013 diamond drilling program on the SB-Zone was designed to fill the gaps not tested during the SB Zone Phase 1 drill program in 2011 (Edgar and Tortosa, 2012) and to test the SB-Zone below the lowest level of the Coppercorp Mine workings (about 150-200 metre depth). It was also designed to test the southern extent of the SB-Zone structure and the connectivity of the SB-East Zone structure, identified during the Phase 1 drill program. The southern extent of the SB-Zone structure was not tested due a lack of financing.

The descriptions of the drill hole cross-sections should be read in conjunction with the SB-Zone Phase 1 drilling report (Edgar and Tortosa, 2012) in order to place the drill holes and cross-sections in the same context.

BCP-18-13, Section 10+00 N

BCP-18-13 was drilled to intersect the SB-Zone at a depth of about 200 metres below surface and 50 metres down-dip from Level 3 of the Coppercorp Mine workings. The drill hole is located at the same site as Nikos CP-05-03 (Moss and Peshkepia, 2005 and 2007) at the same azimuth but with a -70° dip.

A 4 cm wide vein of native copper with quartz was intersected at 102 m with a weighted average grade of 0.63% Cu and 0.4 g/t Ag over a length of 0.9 metres. The orientation of the vein contact lines-up with a mineralized vein and vein breccia in Nikos DDH CP-05-03. The dip of the vein is about -70° east.

A mineralized vein breccia was intersected at 177 metres over a length of 1.3 metres with a weighted average of 1.08% Cu, 26.4 g/t Ag, and 5 g/t Au. The mineralized zone occurs about 20 metres east of the SB-Zone in the hanging wall rocks.

A vein breccia and fracture zone was intersected at 234 metres over a length of 4.2 metres, but returned no significant values for copper and silver. The contacts of the vein breccia indicate a -70° dip east, but does not line-up with the down-dip projection of the SB-Zone. This may, in part, be due to a significant change in the azimuth of the drill hole at 230 metres (260° azimuth).

A felsite dike was intersected in three drill holes on the section, and varies from 5-8 metres in width, dipping at an angle of -45° east. It appears to cross-cut the SB -Zone near surface.

BCP-20-13, Section 7+50 N

Drill hole BCP-20-13 was designed to intersect the SB-Zone about 30 metres down-dip

from Level 3 of the Coppercorp Mine workings, and situated in an untested area between 7+00 N and 8+00 N.

A vein breccia was intersected at 100 metres over a length of 5.9 metres, but was poorly mineralized. The vein breccia contact dips -70° east. A second mineralized vein breccia was intersected at 223 metres over a length of 9 metres. Most of the vein breccia is low grade, but is cut by a 30 cm wide, massive chalcocite-bornite vein at 230 metres. The vein breccia has a weighted average grade of 2.16% Cu and 26.5 g/t Ag over 9 metres. The massive chalcocite-bornite vein has a weighted average grade of 28.8% Cu, 365 g/t Ag, and 303 ppb Au over a length of 0.6 metres.

The footwall portion of the vein breccia containing the chalcocite-bornite vein lines-up with the down dip projection of the SB-Zone, about 30 metres down-dip from Level 3 of the Coppercorp Mine workings.

BCP-22-13 and BCP-23-13, Section 7+00 N

Drill holes BCP-22-13 and BCP-23-13 were designed to intersect the SB-Zone at 55 metres and 130 metres, respectively, down-dip from Level 2 of the Coppercorp Mine workings, and test for the continuation of the SB-East Zone.

BCP-22-13 intersected vein breccia at several locations down-hole. A moderately mineralized felsite breccia/fracture zone was intersected at 107.5 metres over a length of 5.4 metres with a weighted average grade of 0.79% Cu and 1 g/t Ag. Contacts indicate that the felsite breccia has near vertical dip.

A moderately mineralized fracture zone was intersected at 110 metres over a length of 3.6 metres with a weighted average grade of 0.69% Cu and 1.7 g/t Ag. This was followed by a second mineralized fracture zone at 178 metres over a length of 1.2 metres with a weighted average grade of 1.31% Cu and 11.9 g/t Ag. Contacts indicated a dip of -80° to the west.

A vein breccia was intersected at 198 metres over a length of 5.4 metres. The contacts of the vein breccia line-up with the down-dip projection of the SB-Zone. No significant values of copper or silver were encountered in the vein breccia.

BCP-23-13 intersected vein breccia at 122 metres over a length of 3.6 metres, and at 165 metres over a length of 1.8 metres, with no significant values encountered.

A wide zone of vein breccia and fractured basalt was intersected on the down-dip extension of the SB-Zone. The vein breccia was intersected at 229 metres over a length of 6.6 metres with no significant values, and a fracture zone was intersected at 236 metres over a length of 6 metres, with no significant values encountered.

SB Zone Summary

All drill holes intersected the SB-Zone structure. The vein breccia was well-mineralized in one of the three confirmed SB-Zone intersections. The lack of high-grade copper mineralization down-dip on the SB-Zone in several drill holes reflects the irregular distribution of copper mineralization within the SB-Zone structure. The high-grade intersection in BCP-20-13 is primarily the result of a 30 cm wide, massive chalcocite-bornite vein that cuts through the vein breccia and suggests that much of the vein breccia may be earlier than the main mineralizing period. No plunge orientation has been identified in the SB-Zone longitudinal sections of the Coppercorp Mine workings showing the mined-out stopes.

The SB-East Zone intersected in the 2011 drill program on Section 6+50 N and 8+00 N (Edgar and Tortosa, 2012) do not appear to connect directly along strike, based on Sections 7+00 N and 7+50 N. There are moderate to low grade vein breccias and fracture zones at a similar location in the hanging wall rocks of the SB-Zone, but the orientation and grade is not consistent with the SB-East Zone.

Several moderate to low grade mineralized vein breccias and fracture zones were intersected in the hanging wall rocks to the SB-Zone. One is interpreted as a splay off the SB-Zone (BCP-22-13; 178 m). Additional vein breccia-fracture zones were intersected by the 2013 and 2005 drill holes on Section 7+00 N, and display an alignment of the vein breccia between drill holes suggesting a vertical to steeply east-dipping mineralized zone.

A 4 cm wide vein of native copper with quartz was intersected at 102 m in drill hole BCP-18-13. The orientation of the vein contact lines-up with a mineralized vein and vein breccia in Nikos DDH CP-05-03. The dip of the vein is about -70° east.

A felsite dike was intersected in several drill sections, and varies from 5-8 metres in width dipping at an angle of -45° east. It appears to cross-cut the SB-Zone near surface on Section 10+00 N.

Geology

Rock Types

The predominant rock type encountered is Basalt, which amounts to over 90% of the rock types witnessed. It can vary from very fine grained to medium/coarse grained. Colours can range from dark grey through hematitic red/brown to epidotitic green. The Basalt units are generally massive, with little to no noticeable foliation and units can display varying amounts of magnetic susceptibility. Amygdules are very common, often prolific, and can be filled with calcite, quartz, epidote, chlorite and occasionally potassic feldspar. Often amygdules filled with one mineral may be rimmed by another. Units often exhibit a gabbroic texture, appearing as a coarse grained flow. Contacts between flows are often gradational.

In general, calcium carbonitization increases towards siliceous-calcite filled fracture and fault zones, and the basalts are often highly silicified in proximity to the fracture zones.

The second-most prevalent rock type encountered is conglomerate. It is a polymeric, un-sorted sedimentary unit featuring clasts of pebble to cobble size. Clasts are rounded to sub-rounded and of multiple origins, predominantly basalt and granitoid in nature. Clasts can be cemented with calcite, quartz, and epidote and portions of the rock can be hematized or epidotized.

Occasionally, narrow units of sandstone to a few centimetres in width accompany the conglomerate units. The sandstone is reddish in color, fine grained and generally layered. It may contain fine pebbles of various compositions.

Felsite is encountered in a few locations amounting to perhaps 1% of the rock types seen. It is generally very fine to fine grained, though sometimes coarser grained towards the center of the unit. They are most often a hematitic red/brown color, though sometimes a light epidotitic green, and often a combination which gives a mottled color. Color variations within a specific unit can give the appearance of layering, and most appear to be flow-banded. Occasional calcite filled amygdules are common and the units are generally quite strongly calcium carbonitized. Contacts with the basalts are sharp. The grainy nature of the units and flow banding make them appear similar to sediments in many instances. In one location a mineralized felsite breccia is seen.

Narrow mafic dikes often accompany the fault/fracture zones that are filled with calcite/quartz veining and mineralized vein breccia. The dikes are generally very fine to fine grained, dark grey to brown coloured, massive, moderately to more strongly magnetic, exhibiting blocky fracturing with calcite and hematite fracture fill. They are viewed as late phase and contain no mineralization.

Mineralization

Mineralized zones encountered feature quartz/calcite filled fractures and faults. The mineralized vein breccia zones can be up to 20 meters in core length and feature quartz/calcite veins, fracture-fill and vein breccia. In some instances the fracture zones are separated by relatively undisturbed host rock which probably represents bifurcation of the zone. The quartz/calcite veining generally features hematized fragments of host rock. Contacts are generally quite sharp, often located on fault gouge and slickenslide. Hematitic fracture fill is prevalent and fractured/ brecciated fragments of quartz/calcite veining are common. Felsite and mafic dikes are often found within the fault/fracture zones.

Copper mineralization in the form of malachite, chalcocite and occasional native copper is witnessed. Vugs and fractures are often lined with malachite, and small patches can be found throughout the veining. Chalcocite is found as distinct specks, masses and

pseudo- stringers/lineations and veinlets. Native copper is witnessed as fine specks and masses in places. Silver is not visually observed in the core, but silver values often accompany sections of massive chalcocite. Occasional values in gold also occur. Sometimes fine specks of chalcocite are witnessed outside of the calcite veining areas, within the host basalts and occasionally witnessed within calcite filled amygdules.

Significant Assays

The phase 2 Diamond Drill program on the SB zone has returned a number of significant intersections, results are found in the following table:

Table 5: SB Zone Phase 2 Diamond Drill Program, Assay Summary

HOLE-ID	FROM	TO	LENGTH	Cu_%	Ag_ppm	Au_ppb	Description	NOTES
BCP-13-13	132.8	137	4.2	NSV	NSV	NSV	Vein Breccia	
BCP-13-13	174.5	177.2	2.7	NSV	NSV	NSV	Vein Breccia	
BCP-13-13	185.53	190	4.5	NSV	NSV	NSV	Vein Breccia	
BCP-13A-13	38.1	39	0.9	0.68	0.3	32	Gabbroic Basalt	Contact with Felsite
BCP-13A-13	39	42.9	2.3	0.11	4.4	3	Felsite	
BCP-13A-13	42.9	46.3	4.6	2.04	14.2	195	Vein Breccia	
BCP-18-13	102.1	103	0.9	0.63	7.0	3	Conglomerate	
including	102.4	102.7	0.3	1.74	20.50	6	Conglomerate	Native Cu Vein
BCP-18-13	147.2	147.5	0.3	1.39	20.50	6	Basalt	
BCP-18-13	176.5	177.8	1.3	1.08	26.4	5061	Vein Breccia/Fracture Zone	High Au content
BCP-18-13	233.6	237.8	4.2	0.09	0.6	11	Vein Breccia/Fracture Zone	
BCP-20-13	99.9	105.8	5.9	0.19	0.3	9	Vein Breccia	
BCP-20-13	222.6	231.6	9	2.16	26.5	42	Vein Breccia	
including	222.6	223.8	1.2	1.29	10.6	80	Vein Breccia	Vn Bx Contact
including	229.8	230.4	0.6	28.80	365.0	303	Vein Breccia	Massive Cc Vein
BCP-22-13	107.5	112.9	5.4	0.79	1.0	14	Felsite/Fracture Zone	
including	109.9	112.9	3.6	0.92	1.0	18	Felsite/Fracture Zone	
BCP-22-13	160.9	164.2	3.3	0.69	1.7	6	Gabbroic Basalt/FZ/MZ	
BCP-22-13	178.1	179.3	1.2	1.31	11.9	38	Basalt/Fracture Zone	
BCP-22-13	197.8	203.2	5.4	NSV	NSV	NSV	Vein Breccia/Altered	
BCP-23-13	54.1	57.1	3	0.55	2.9	13	Gabbroic Basalt/Q-C Vein	Vein Parallel to CA
BCP-23-13	121.6	125.2	3.6	0.20	0.5	38	Vein Breccia	
BCP-23-13	165.1	166.9	1.8	NSV	NSV	NSV	Vein Breccia	
BCP-23-13	229.4	236	6.6	NSV	NSV	NSV	Vein Breccia/Fracture Zone	
BCP-23-13	236	243.2	6	0.10	0.2	7	Fracture Zone	
NOTE: NSV - No Significant Values								

NOTE: BCP-13, 13a, 18, 20, 22 and 23 represent holes completed in 2013. Drill holes BCP-1 to 12, 14, 15, 16, 17, 19, 21 and 24 are drill holes completed in 2011.

DISCUSSION

C-Zone

Drill hole BCP-13-13 intersected the C-Zone structure, but assays returned no significant values. The lack of high-grade copper mineralization down-dip on the C-Zone reflects the irregular distribution of copper mineralization within the C-Zone structure. It also suggests that much of the vein breccia may be earlier than the main mineralizing period. No plunge orientation has been identified on C-Zone longitudinal sections of the Coppercorp Mine workings showing the mined-out C-Zone stopes.

The possibility of an enhancement of copper grade immediately above the Great Conglomerate along intersecting structures (vein breccias) is equivocal and does not necessarily reflect an area where there has been an enhancement of higher-grade copper mineralization.

The proximity of Level 3 and the C-Zone to the 'Great Conglomerate' contact limits the depth extent of the C-Zone based on the lack of mineralization in structures cutting the conglomerate (Edgar and Tortosa, 2012; Huston, 1960).

B-Zone

The B-Zone mineralization varies along strike and down-dip. The Phase 1 diamond drill program (Edgar and Tortosa, 2012) identified the north end of the B-Zone as having the highest grade mineralization, but the 2013 drill hole identified that a high-grade zone occurs further south as well. This reflects the irregular distribution of high-grade copper mineralization along the B-Zone structure. The close spatial and structural association between a felsite dike and the vein breccia is apparent in the B-Zone.

The B-Zone remains open to the north and south, but the depth extent may be limited by its proximity to the 'Great Conglomerate' contact due to the lack of copper mineralization found in structures cutting the conglomerate.

SB Zone

The SB Zone represents the southern continuation of the historical Coppercorp mine trend. The mineralized veins and vein breccia found within a fault/fracture system strikes at approximately 160° and dips approximately 60° to 70° east. The northern portion of the SB Zone provided some of the production ore for the Coppercorp Mine until 1972. In 2005/2006 Nikos Exploration tested the SB Zone with a number of diamond drill holes as part of the exploration program on the Beaver Pond Grid (see History section of this report). Numerous significant assays were returned.

To date, Superior Copper has completed 10 drill holes on the SB Zone with 7 drill holes returning significant assay results for copper and silver (Edgar and Tortosa, 2012). The SB Zone has been intersected over a 500 metre strike length, demonstrating the

continuity of the structure and mineralization. Intersections as deep as 60 metres below historical mine workings have been achieved (BCP-21-11) demonstrating the continuity of the copper mineralization at depth.

As in the C-Zone of the Coppercorp Mine, several intersections of the SB-Zone vein breccia returned no significant values for copper or silver. The lack of higher-grade copper mineralization at several locations on the SB-Zone reflects the irregular distribution of copper minerals within the SB-Zone structure. The high-grade intersection in BCP-20-13 is primarily the result of a 30 cm wide, massive chalcocite-bornite vein that cuts through the vein breccia and suggests that much of the vein breccia may be earlier than the main mineralizing period. No plunge orientation has been identified in the SB-Zone longitudinal sections of the Coppercorp Mine workings showing the mined-out stopes.

Several mineralized and unmineralized vein breccias and fracture zones occur in the hanging wall rocks structurally above the SB-Zone, however the orientation and grade is not consistent with the SB-East Zone intersected in Section 6+50 N and 8+00 N in 2011 and, as such, there is no apparent strike continuity to the SB-East Zone.

The potential for extending the SB zone along strike to the south-east and at depth remains excellent. The 'Great Conglomerate' poses a limiting factor to the depth extent of copper mineralization due to the barren nature of the vein breccia cutting the 'Great Conglomerate'. Current and historical observation indicate that mineralization within the vein breccias found within the conglomerate are much weaker than those within the basalts (Edgar and Tortosa, 2012; Huston, 1960).

Due to the more easterly location of the 'Great Conglomerate' contact in the SB-Zone area it is anticipated that more depth extension is possible with the SB Zone, and therefore greater economic potential exists at depth below the historical mine workings in this area.

The SB Zone remains open on strike to the south-east. Superior Copper Corporation holds ground along the mineralized trend for an additional two claim blocks, or approximately 2,500 metres. All lithologies and structures are truncated about 2,000 metres southeast of the SB-Zone drilling by the southeast-trending Hibbard Bay Fault, a major regional scale structure.

CONCLUSIONS and RECOMMENDATIONS

1. The 2013 diamond drill program on the C-Zone verified the presence of the vein breccia zones 30 metres down-dip from Level 3 of the Coppercorp Mine workings, but with no significant values for copper and silver. This is attributed to the irregular distribution of copper mineralization within the C-Zone structure. The depth potential of the C-Zone is limited by the presence of the 'Great Conglomerate' 30 metres below the Level 3 workings.

2. The B-Zone mineralization varies along strike and down-dip and reflects the irregular distribution of higher-grade copper mineralization along the B-Zone structure. The B-Zone remains open to the north and south, but the depth extent may be limited by its proximity to the 'Great Conglomerate' contact due to the lack of copper mineralization found in structures cutting the conglomerate.
3. The possibility of an enhancement of copper grade immediately above the Great Conglomerate along intersecting structures (vein breccias) is equivocal and does not necessarily reflect an area where there has been an enhancement of higher-grade copper mineralization.
4. The 2013 diamond drill program completed on the SB Zone confirmed the continuity of the SB-Zone structure at depth and over a 500 metre strike length. Of the 10 drill holes completed on the SB Zone in the 2011 and 2013 drill programs, 7 drill holes returned significant assay results for copper and silver (Edgar and Tortosa, 2012).
The average metre-percent value for the ten SB Zone intersections was 8.90, equivalent to 2.97% Cu over 3.0 metres.
5. Several intersections of the SB-Zone vein breccia returned no significant values for copper or silver and this is attributed to the irregular distribution of copper minerals within the SB-Zone structure.
6. Due to the more easterly location of the 'Great Conglomerate' contact in the SB-Zone area it is anticipated that more depth extension is possible, and therefore greater economic potential exists at depth below the historical mine workings in this area.

Completion of the 2013 diamond drill program is recommended to test the southeast extension of the SB-Zone, along with 6 shallow drill holes to delineate the near surface expression of the mineralized zone.

The following program and budget are recommended:

Coppercorp SB-Zone

1. Complete the remaining 5 drill holes for the SB Zone designed to test the depth and strike continuity of the SB-Zone between Section 6+00 N and 3+00 N.
2. Complete a shallow drilling program consisting of 6 drill holes (500 metres) to delineate the near-surface expression of the SB-Zone along a 500 metre strike length.

Table 6: Phase 3 DDH Specifications for the Coppercorp SB-Zone

Proposed Drill Holes

DDHID	Azimuth	Dip	Length	Easting	Northing	Elevation	Grid N	Grid E	Prospect/Zone	Notes
BCP-25-13	240	-40	210	671559	5208936	292	5+00 N	21+20 E	SB Zone, SB East Zone	CP-05-09 Location
CP-05-09e	240	-60	50	671559	5208936	292	5+00 N	21+20 E	SB Zone, SB East Zone	CP-05-09 Extension
BCP-26-13	240	-45	125	671534	5208807	270	4+00 N	20+30 E	SB Zone	New Site Location
BCP-27-13	240	-70	150	671534	5208807	270	4+00 N	20+30 E	SB Zone	New Site Location
BCP-28-13	240	-45	125	671591	5208718	270	3+00 N	20+30 E	SB Zone	New Site Location
6 Shallow DDH			500							
Total metres			1160							

NOTES: CP-05-09e is a deepening of the original Nikos DDH.
Shallow drill hole location to be determined.

Proposed Budget:

Table 7: Estimated Budget for the Phase 3 SB-Zone DDH Program, 2014

Coppercorp Property: Field Costs Phase 3 DDH Program: Coppercorp SB-Zone			
Description	Item	Cost	Total
Diamond Drilling, \$85/meter; metres	1160	\$85	\$98,600
Casing and shoes remaining in holes	10	\$500	\$5,000
Assaying, (multi-element + Au analysis)	230	\$35	\$8,050
Core Boxes (NQ size)	260	\$10	\$2,600
Core Racks	2	\$1,000	\$2,000
Accommodations (Days)	30	\$100	\$3,000
Food (\$60/day); Days	30	\$60	\$1,800
Vehicle (\$75/day); Days	30	\$75	\$2,250
Fuel			\$1,500
Geologist (\$500/day); Days	30	\$500	\$15,000
Assistant, Junior Geologist (\$300/day); Days	30	\$300	\$9,000
Report and Drafting (\$500/day); Days	10	\$500	\$5,000
Total			\$153,800
	10% contingencies		\$15,380
	Grand Total		\$169,180

Respectfully Submitted,

January 15, 2014

Bruce Edgar (HBS, P. Geo.)

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

QUALIFICATIONS

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 January, 2014

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

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 25+ 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 May 1, 2013.
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

January 15, 2014

REFERENCES

Edgar, Bruce A., and Tortosa, Delio J., 2012: Report on the Diamond Drill Program SB Zone Phase 1 on the Batchawana Copper Property for Superior Copper Corporation and First Minerals Exploration Ltd., October 15, 2012.

Edgar, Bruce, A., 2010: Report on the Property Investigation, Geological Mapping and Sampling on Claim 3015686, Ryan Township, Ontario, for First Minerals Exploration Ltd.

Edgar Bruce A. and Edgar Brian A., 2010: Report on the Property Investigation on the Batchawana Copper Property for Cenit Corporation.

Giblin, P., 1973: Batchawana Area: Geological map 2251, Ontario Department of Mines.

Huston, C.C., 1960: Report on the Results of the 1960 drill program to J.C. Perry, President, Coppercorp Ltd.

Mackie, Bruce W., 2003: Intrepid Minerals Corporation, Report of Work, Ryan Township Properties, Circum Superior Joint Venture.

Moss, Roger and Tortosa, Delio, 2004: Geology and Exploration of the Coppercorp Property Sault Ste. Marie Mining Division, Ontario.

Moss, Roger and Peshkepia, Ardian, 2005: Report of First Phase Drilling Program, Coppercorp Property, Sault Ste. Marie Mining Division, Ontario.

Moss, Roger and Peshkepia, Ardian, 2007: Report of Second Phase Drilling Program, Coppercorp Property, Sault Ste. Marie Mining Division, Ontario.

Rupert, Roy J., 1991: Summary Report, Mamainse Mine Property, McDonell Mining Location, Batchawana, Ontario.

Rupert, Roy J. 1993: Report, Self Potential Survey, Mamainse Mine Property, McDonell Mining Location, Batchawana, Ontario.

Tortosa, Delio J., 2002: Geological Report on the Coppercorp Property of Amerigo Resources Ltd., Mamainse Point Area, Ontario.

APPENDIX I

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

SAULT STE. MARIE Mining Division - 410420 - SUPERIOR COPPER CORPORATION

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
KINCAID	1219611	2012-Jan-05	2015-Jan-05	A	100 %	\$ 2,400	\$ 2,400	\$ 0	\$ 0
KINCAID	3015689	2009-Dec-03	2014-Dec-03	A	100 %	\$ 6,400	\$ 19,200	\$ 127,072	\$ 0
KINCAID	3019475	2004-Jul-09	2015-Jul-09	A	100 %	\$ 1,200	\$ 10,800	\$ 0	\$ 0
KINCAID	3019477	2004-Jul-09	2015-Jul-09	A	100 %	\$ 1,200	\$ 10,800	\$ 0	\$ 0
KINCAID	3019478	2004-Jul-09	2014-Jul-09	A	100 %	\$ 6,000	\$ 48,000	\$ 0	\$ 0
KINCAID	3019479	2004-Jul-09	2015-Jul-09	A	100 %	\$ 6,400	\$ 57,600	\$ 0	\$ 0
KINCAID	3019480	2004-Jul-09	2015-Jul-09	A	100 %	\$ 3,600	\$ 32,400	\$ 82	\$ 0
KINCAID	3019481	2004-Jul-09	2015-Jul-09	A	100 %	\$ 4,000	\$ 36,000	\$ 88	\$ 0
KINCAID	3019482	2004-Jul-09	2015-Jul-09	A	100 %	\$ 5,600	\$ 50,400	\$ 0	\$ 0
KINCAID	4250353	2011-Jun-01	2014-Feb-28	A	100 %	\$ 4,800	\$ 0	\$ 0	\$ 0
KINCAID	4250354	2011-Jun-01	2014-Feb-28	A	100 %	\$ 3,600	\$ 0	\$ 0	\$ 0
KINCAID	4250355	2011-Jul-28	2014-Mar-28	A	100 %	\$ 6,400	\$ 0	\$ 0	\$ 0
KINCAID	4250417	2009-Dec-31	2014-Dec-31	A	100 %	\$ 1,600	\$ 4,800	\$ 0	\$ 0
KINCAID	4250418	2009-Dec-31	2014-Dec-31	A	100 %	\$ 4,000	\$ 12,000	\$ 0	\$ 0
KINCAID	4250419	2009-Dec-31	2014-Dec-31	A	100 %	\$ 3,200	\$ 9,600	\$ 0	\$ 0
KINCAID	4250420	2009-Dec-31	2014-Dec-31	A	100 %	\$ 2,400	\$ 7,200	\$ 1,849	\$ 0
KINCAID	4260334	2011-Jul-07	2014-Jul-07	A	100 %	\$ 6,400	\$ 6,400	\$ 3,698	\$ 0
NICOLET	4249520	2009-Aug-19	2014-Feb-28	A	100 %	\$ 3,200	\$ 0	\$ 0	\$ 0
NICOLET	4250358	2010-Aug-25	2014-Feb-28	A	100 %	\$ 3,200	\$ 0	\$ 0	\$ 0
PALMER	1192316	2006-Oct-16	2014-Aug-07	A	100 %	\$ 3,200	\$ 6,400	\$ 1,620	\$ 0
PALMER	4219698	2007-Apr-25	2014-Aug-07	A	100 %	\$ 12,000	\$ 18,000	\$ 1,816	\$ 0
PALMER	4219783	2007-Apr-25	2014-Feb-25	A	100 %	\$ 6,400	\$ 25,600	\$ 0	\$ 0
PALMER	4219784	2007-Apr-25	2014-Feb-25	A	100 %	\$ 6,400	\$ 25,600	\$ 1,222	\$ 0
PALMER	4219798	2007-Apr-25	2014-Aug-07	A	100 %	\$ 12,800	\$ 19,200	\$ 1,937	\$ 0
PALMER	4242596	2008-Aug-15	2014-Jun-15	A	100 %	\$ 3,600	\$ 7,200	\$ 0	\$ 0
PALMER	4249511	2010-Feb-23	2014-Aug-07	A	100 %	\$ 7,200	\$ 3,600	\$ 1,089	\$ 0
PALMER	4249513	2010-Aug-06	2014-Aug-07	A	100 %	\$ 6,400	\$ 3,200	\$ 968	\$ 0
PALMER	4249517	2009-Aug-19	2014-Aug-07	A	100 %	\$ 6,400	\$ 3,200	\$ 968	\$ 0
PALMER	4249518	2009-Aug-19	2014-Aug-07	A	100 %	\$ 3,200	\$ 1,600	\$ 484	\$ 0
PALMER	4250368	2010-Aug-06	2014-Aug-07	A	100 %	\$ 9,600	\$ 4,800	\$ 1,452	\$ 0
PALMER	4250370	2010-Aug-06	2014-Aug-07	A	100 %	\$ 9,600	\$ 4,800	\$ 1,452	\$ 0
PALMER	4250371	2010-Aug-06	2014-Aug-07	A	100 %	\$ 9,600	\$ 4,800	\$ 1,452	\$ 0
PALMER	4250372	2010-Aug-06	2014-Aug-07	A	100 %	\$ 8,000	\$ 4,000	\$ 1,210	\$ 0
PALMER	4250374	2010-Aug-06	2014-Aug-07	A	100 %	\$ 4,800	\$ 2,400	\$ 726	\$ 0
PALMER	4250375	2010-Aug-06	2014-Aug-07	A	100 %	\$ 4,800	\$ 2,400	\$ 726	\$ 0
PALMER	4250376	2010-Aug-06	2014-Aug-07	A	100 %	\$ 6,400	\$ 3,200	\$ 968	\$ 0
PALMER	4250444	2010-Aug-06	2014-Aug-07	A	100 %	\$ 12,800	\$ 6,400	\$ 1,937	\$ 0
PALMER	4250450	2010-Feb-23	2014-Aug-07	A	100 %	\$ 2,400	\$ 1,200	\$ 363	\$ 0
PALMER	4267563	2012-Oct-24	2014-Oct-24	A	100 %	\$ 2,400	\$ 0	\$ 0	\$ 0
RYAN	1098722	2005-Aug-05	2014-Aug-05	A	100 %	\$ 3,200	\$ 22,400	\$ 9,210	\$ 0
RYAN	1192281	2009-Jul-21	2014-Jul-21	A	100 %	\$ 1,200	\$ 3,600	\$ 950	\$ 0
RYAN	1192284	2003-Jun-25	2015-Jun-25	A	100 %	\$ 1,200	\$ 12,000	\$ 0	\$ 0
RYAN	1192287	2007-Oct-02	2015-Oct-02	A	100 %	\$ 2,800	\$ 16,800	\$ 18,061	\$ 0
RYAN	1192312	2006-Jun-23	2015-Feb-25	A	100 %	\$ 1,600	\$ 9,600	\$ 0	\$ 0
RYAN	1192314	2006-Jun-23	2015-Feb-25	A	100 %	\$ 1,600	\$ 9,600	\$ 0	\$ 0
RYAN	1192315	2006-Jul-11	2014-Feb-28	A	100 %	\$ 3,200	\$ 12,800	\$ 0	\$ 0
RYAN	1199911	2002-Jun-26	2015-Jun-26	A	100 %	\$ 6,000	\$ 66,000	\$ 1,197	\$ 0
RYAN	1199912	2002-Jun-26	2015-Jun-26	A	100 %	\$ 1,600	\$ 17,600	\$ 367	\$ 0
RYAN	1199984	2002-Jun-26	2014-Jun-26	A	100 %	\$ 5,600	\$ 56,000	\$ 0	\$ 0
RYAN	1234880	2009-Aug-19	2014-Feb-28	A	100 %	\$ 1,600	\$ 0	\$ 0	\$ 0
RYAN	1235019	2001-Feb-26	2015-Feb-26	A	100 %	\$ 1,200	\$ 14,400	\$ 0	\$ 0
RYAN	3000666	2002-Jun-26	2015-Jun-26	A	100 %	\$ 1,600	\$ 17,600	\$ 336	\$ 0
RYAN	3000714	2002-Jun-26	2015-Jun-26	A	100 %	\$ 4,400	\$ 48,400	\$ 0	\$ 0

RYAN	3000715	2002-Jun-26	2014-Jun-26	A	100 %	\$ 6,000	\$ 60,000	\$ 140,639	\$ 0
RYAN	3000716	2002-Jun-26	2015-Jun-26	A	100 %	\$ 5,200	\$ 57,200	\$ 5,047	\$ 0
RYAN	3000717	2002-Jun-26	2015-Jun-26	A	100 %	\$ 6,400	\$ 70,400	\$ 0	\$ 0
RYAN	3000718	2002-Jun-26	2015-Jun-26	A	100 %	\$ 400	\$ 4,400	\$ 0	\$ 0
RYAN	3000720	2002-Jun-26	2015-Jun-26	A	100 %	\$ 6,000	\$ 66,000	\$ 0	\$ 0
RYAN	3002310	2002-Jun-26	2015-Jun-26	A	100 %	\$ 6,000	\$ 66,000	\$ 0	\$ 0
RYAN	3002319	2002-Jun-26	2015-Jun-26	A	100 %	\$ 800	\$ 8,800	\$ 0	\$ 0
RYAN	3002320	2002-Jun-10	2015-Jun-10	A	100 %	\$ 1,200	\$ 13,200	\$ 0	\$ 0
RYAN	3002341	2002-Jun-26	2015-Jun-26	A	100 %	\$ 4,400	\$ 48,400	\$ 12,941	\$ 0
RYAN	3002342	2002-Jun-10	2015-Jun-10	A	100 %	\$ 400	\$ 4,400	\$ 0	\$ 0
RYAN	3002392	2002-Jun-26	2015-Jun-26	A	100 %	\$ 3,200	\$ 35,200	\$ 0	\$ 0
RYAN	3002398	2002-Jun-26	2015-Jun-26	A	100 %	\$ 6,400	\$ 70,400	\$ 0	\$ 0
RYAN	3002570	2002-Dec-05	2014-Dec-05	A	100 %	\$ 1,200	\$ 12,000	\$ 0	\$ 0
RYAN	3002571	2002-Dec-05	2014-Dec-05	A	100 %	\$ 2,400	\$ 24,000	\$ 0	\$ 0
RYAN	3002577	2002-Jul-19	2014-Jul-19	A	100 %	\$ 400	\$ 4,000	\$ 0	\$ 0
RYAN	3002616	2002-Dec-05	2014-Dec-05	A	100 %	\$ 800	\$ 8,000	\$ 0	\$ 0
RYAN	3002697	2002-Jun-26	2015-Jun-26	A	100 %	\$ 5,200	\$ 57,200	\$ 0	\$ 0
RYAN	3002698	2002-Jun-10	2015-Jun-10	A	100 %	\$ 2,400	\$ 26,400	\$ 0	\$ 0
RYAN	3015684	2009-Jul-21	2015-Jul-21	A	100 %	\$ 4,000	\$ 16,000	\$ 1,849	\$ 0
RYAN	3015686	2008-Jun-11	2015-Jun-11	A	100 %	\$ 2,800	\$ 14,000	\$ 1,129	\$ 0
RYAN	3015687	2009-Aug-28	2014-Aug-28	A	100 %	\$ 800	\$ 2,400	\$ 0	\$ 0
RYAN	4243491	2008-Jul-21	2014-Aug-07	A	100 %	\$ 6,400	\$ 6,400	\$ 968	\$ 0
RYAN	4249505	2009-Aug-19	2014-Feb-28	A	100 %	\$ 800	\$ 0	\$ 0	\$ 0
RYAN	4249521	2009-Aug-19	2014-Feb-28	A	100 %	\$ 1,600	\$ 0	\$ 0	\$ 0
RYAN	4249522	2009-Aug-19	2014-Feb-28	A	100 %	\$ 800	\$ 0	\$ 0	\$ 0
RYAN	4249526	2009-Oct-02	2014-Aug-20	A	100 %	\$ 1,200	\$ 2,400	\$ 0	\$ 0
RYAN	4249530	2011-Sep-08	2014-Sep-08	A	100 %	\$ 3,200	\$ 3,200	\$ 0	\$ 0
RYAN	4249550	2009-Aug-19	2014-Feb-28	A	100 %	\$ 1,600	\$ 0	\$ 0	\$ 0
RYAN	4249946	2013-Jun-20	2015-Jun-20	A	100 %	\$ 1,600	\$ 0	\$ 0	\$ 0
RYAN	4250352	2010-Aug-25	2014-Feb-28	A	100 %	\$ 2,000	\$ 0	\$ 0	\$ 0
RYAN	4250356	2011-Jul-28	2014-Jul-28	A	100 %	\$ 1,600	\$ 1,600	\$ 10,185	\$ 0
RYAN	4250380	2010-Aug-06	2014-Aug-07	A	100 %	\$ 3,200	\$ 1,600	\$ 484	\$ 0
RYAN	4250381	2010-Aug-06	2014-Feb-28	A	100 %	\$ 1,600	\$ 0	\$ 0	\$ 0
RYAN	4250449	2010-Feb-23	2014-Feb-25	A	100 %	\$ 1,200	\$ 1,200	\$ 0	\$ 0
RYAN	4253370	2011-May-31	2014-Feb-28	A	100 %	\$ 400	\$ 0	\$ 0	\$ 0
RYAN	4253380	2011-May-31	2014-Feb-28	A	100 %	\$ 3,200	\$ 0	\$ 0	\$ 0
RYAN	4253381	2011-May-31	2014-Feb-28	A	100 %	\$ 1,600	\$ 0	\$ 0	\$ 0
RYAN	4253382	2011-May-31	2014-Feb-28	A	100 %	\$ 1,600	\$ 0	\$ 0	\$ 0
RYAN	4257224	2013-Jun-20	2015-Jun-20	A	100 %	\$ 400	\$ 0	\$ 0	\$ 0
RYAN	4257225	2011-Aug-04	2014-Aug-04	A	100 %	\$ 2,000	\$ 2,000	\$ 0	\$ 0
RYAN	4260336	2011-Aug-04	2014-Aug-04	A	100 %	\$ 4,000	\$ 4,000	\$ 0	\$ 0
RYAN	4260337	2011-Sep-08	2014-Sep-08	A	100 %	\$ 3,200	\$ 3,200	\$ 0	\$ 0
RYAN	4260340	2011-Apr-07	2014-Apr-07	A	100 %	\$ 1,200	\$ 1,200	\$ 0	\$ 0
RYAN	4260341	2011-Apr-07	2014-Apr-07	A	100 %	\$ 1,600	\$ 1,600	\$ 0	\$ 0
RYAN	4260342	2011-Apr-07	2014-Apr-07	A	100 %	\$ 1,200	\$ 1,200	\$ 0	\$ 0
RYAN	4260356	2012-Jan-05	2015-Jan-05	A	100 %	\$ 3,200	\$ 3,200	\$ 0	\$ 0
RYAN	4266890	2011-Jul-28	2014-Jul-28	A	100 %	\$ 1,600	\$ 1,600	\$ 0	\$ 0
RYAN	4268677	2012-Jul-30	2014-Jul-30	A	100 %	\$ 1,600	\$ 0	\$ 0	\$ 0

APPENDIX II

Diamond Drill Logs



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	267.30	3/25/2013
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed
Sault Ste. Marie		5209099	671453			Hand-held GPS		4/8/2013
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged
Batchawana Copper		285.00	235.10		-62.20	Superior Drilling		
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified
Coppercorp		3000715		Bruce/Brian Edgar		Bruce/Brian Edgar		<input type="checkbox"/>
Zone/Prospect		Assessment Rpt. No.	Core Storage		Plug Depth	Makes Water	Capped	Environmental Inspection
SB			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"/>		
Purpose			Results			Comments		
Intersect SB Zone			Intersected weakly mineralized vein breccia from 122 to 125 metres and a weakly mineralized fracture zone with vein breccia from 230 to 236; basalt is fractured from 236 to 243 metres.			Update by D. Tortosa December 19, 2013		

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
39.00			235.1		-62.2		<input checked="" type="checkbox"/>	Reflex EZ		
84.00			238.8		-62.2		<input checked="" type="checkbox"/>			
130.00			246.8		-62.1		<input checked="" type="checkbox"/>			
176.00			248.3		-62		<input checked="" type="checkbox"/>			
222.00			246		-62		<input checked="" type="checkbox"/>			
267.00			247.2		-61.9		<input checked="" type="checkbox"/>			

Lithology				Cu	Ag	Au				
From	To		Sample #	From	To	Len.	ppm	ppm	ppb	
0.00	-	5.18	OVB Casing Overburden/Casing							
5.18	-	26.00	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal) - med- c gr, "gabbroic" texture, coarse dark chlorite pheno's, frequent epidote amygdules, lesser calcite, prevalent actinolite needles, slightly hematitic red colored areas, little to no magnetism - 19.54- 4cm calcite bx vein @ 70 degrees - 23.20- 2.5 cm calcite bx vein @ 75 degrees - 21.14- flow contact 40 degrees to c.a., finer grained, abundant chlorite pheno's. no epidote amygdules, slightly reddish-dark grey, hematitic, slightly magnetic - after 25.30- increased amygdules toward lower contact @ 60 degrees	E5499961	25.70	26.30	0.60	896	0.1	3
26.00	-	26.54	8 Felsite -FELSITE - hematized, fine gr, flow banding at upper contact with chalcocite bleb with darl green mineral (chlorite?), epidote colored grains common - 26.36- chalcocite "clots" along epidote fracture fill - 26.42- fault gouge @ 65 dgrees - lower contact sharp @ 65 degrees	E5499962	26.30	26.90	0.60	148	0.1	0.5

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
26.54	- 29.60	4 Felsic Intrusive -FELSIC INTRUSIVE (Qtz/Feldspar Porphyry) - aphanitic to v f gr., light green-brown colour, siliceous, hard, distinct 1mm qtz eyes rare, more common >1mm feldspar pheno's, rare chlorite blebs, silvery colored mineral within chlorite/qtz eyes (pyrite?), unit non-magnetic, foliation/fluidal on upper contact for 25cm @ 65 degrees - after 28.50- unit more strongly hematized to lower contact bx vein @ 55 degrees	E5499963	26.90	27.50	0.60	145	0.1	5
			E5499964	27.50	28.10	0.60	92	0.1	0.5
			E5499965	28.10	28.70	0.60	133	0.1	0.5
			E5499966	28.70	29.30	0.60	540	0.1	0.5
			E5499967	29.30	29.60	0.30	143	0.3	0.5
29.60	- 29.87	8 Felsite -FELSITE - as @ 26.00m, but more epidotized color, flow banding (Laminations), soft dark green mineral present (Chlorite?), also purple, fairly soft, non-hcl acid reactive mineral (Flourite?), unit foliated 65 degrees - lower contact sharp near 90 degrees	E5499968	29.60	29.90	0.30	94.9	0.1	0.5
29.87	- 32.11	6a Massive Basalt -BASALT (Massive) - f gr, siliceous, hard, moderate to strong magnetism, dark grey/reddish, few calcite stringers @ 55 degrees, Unit possible Mafic Dike?							
32.11	- 36.29	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal) - f gr, grey, prolific calcite amygdules to 2cm, chlorite amygdules and pheno's also, calcite/qtz fracture fill common, non-magnetic, lower contact gradational							

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
36.29	- 45.10	6g Gabbroic Basalt -BASALT (Gabbroic/Amygdaloidal) - f to med gr, color variations grey-green, common epidote amygdules with chlorite rimming, chlorite pheno's to 1mm common, lesser calcite and hematitic - 36.73- 36.95- calcite/qtz veining and brecciated host rock - lower contact on calcite bx veining, hematite fracture fill, sharp @ 30 degrees							
45.10	- 48.18	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal) - as before @ 32.11m- calcite amygdules and chlroite pheno's [prevalent - lower contact sharp @ 55 degrees on 2cm calcite veinlet with hematite fracture fill							
48.18	- 75.86	6g Gabbroic Basalt -BASALT (Gabbroic) - as before @ 36.29m- more hematized, calcite fracture fill common - 54.55- 57.30- qtz/calcite veinlet parallel to C.A., chalcocite blebs to 1cm, veining discontinuous, to 1cm wide, often contains host rock bx frags, chlotire frags and hematitic fracture fill common - after 57.75, unit more epidotized - 60-16- to 1cm discontinuous, bx'd qtz/calcite vein, hematitic, cherty chilled margins, epidote content, 60 degrees to C.A. - after 66.00- hematite fracture fill more common, little to no magnetism - 69.08- epidote fracture fill veinlet to 1cm, qtz frags and 3 to 4 blebs chalcocite - unit gradational between more epidotitic green and hematitic red to lower contact, prolific chlorite pheno's, weak to no magnetism - lower contact sharp, irregular	E5499969	54.10	54.70	0.60	1370	0.1	5
			E5499970	54.70	55.30	0.60	6780	4.4	17
			E5499971	55.30	55.90	0.60	7360	4.8	15
			E5499972	55.90	56.50	0.60	4180	1.8	11
			E5499973	56.50	57.10	0.60	7580	3.5	16
			E5499974	57.10	57.70	0.60	589	0.1	22
			E5499975	60.00	60.30	0.30	353	0.1	5
			E5499976	68.90	69.20	0.30	790	0.1	8

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
75.86	- 121.55	6b Vesicular/Amygdaloidal Basalt							
		-BASALT (Amygdaloidal)	E5499977	77.80	78.40	0.60	257	0.1	10
		- f gr, grey with prolific to 2cm calcite/lesser epidote amygdules, some qtz amyg, unit non-magnetic	E5499978	88.50	88.80	0.30	821	0.1	3
			E5499979	97.00	97.30	0.30	1940	0.4	5
		- 77.50- fault gouge @ 45 degrees to C.A.	E5499981	97.30	97.60	0.30	2280	0.5	6
			E5499982	97.60	97.90	0.30	763	0.1	4
		- 78.00- irregular bx'd calcite/qtz vein with chlorite @ 40 degrees, few chalcocite blebs	E5499983	101.00	101.60	0.60	2300	0.1	35
			E5499984	101.60	102.20	0.60	4010	1	20
		- after 84.50- more chlorite rich basalt, hematized and less amygdules	E5499985	102.20	102.80	0.60	336	0.1	11
			E5499986	102.80	103.40	0.60	1720	0.1	16
		-88.70- 10cm wide calcite/qtz vein with epidote/hematite and blebs chalcocite @ 55 degrees	E5499987	103.40	104.00	0.60	111	0.1	2
			E5499988	104.00	104.60	0.60	140	0.1	10
		-after 89.75- unit more amygdular as before, weak to no magnetism	E5499989	104.60	105.20	0.60	46.5	0.1	8
			E5499990	105.20	105.80	0.60	94.4	0.1	2
		- 92.57- 4cm epidote altered vein perpendicular to c.A., hematitic fracture fill	E5499991	105.80	106.40	0.60	1150	0.1	14
			E5499992	110.25	110.85	0.60	875	0.1	8
		- 97.40- 30cm qtz/calcite veining @ 20 degrees, with bx'd host rock frags, hematite fracture fill, irregular chalcocite blebs	E5499993	113.60	114.20	0.60	654	0.1	7
			E5499994	121.00	121.60	0.60	1220	0.1	2
		- 101.21- qtz/calcite veinlet @ 30 degrees with one chalcocite bleb, followed by several calcite/qtz veinlets to 1cm @ 30 to 40 degrees with bx'd frags host rock and rare chalcocite blebs							
		- 107.78- 2cm bx'd qtz/calcite vein @ 25 degrees							
		- 110.55- epidotized qtz veining with 4 chalcocite blebs							
		- 111.18- qtz/calcite veining with hematite and epidote fracture fill @ 35 degrees with chalcocite bl							
		- 113.76- 1cm qtz/calcite veinlet with chlorite frags and trace chalcopyrite and covellite?							
		- unit continues chlorite phenocryst rich basalt, more hematized downhole, becomes strongly magnetic after 115.3 m							
		- lower contact sharp @ 40 degrees							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
121.55	- 125.01	VBx Vein Breccia							
		-VEIN BRECCIA	E5499995	121.60	122.20	0.60	160	2.1	31
		- host is f. gr massive basalt, reddish color, with few local amygdules, calcite veining and vein bx with hematite infill and host rock frags, initial brecciation for 60 cm, few chalcocite specks @ 122.01	E5499996	122.20	122.80	0.60	441	0.1	9
			E5499997	122.80	123.40	0.60	3620	0.5	4
			E5499998	123.40	124.00	0.60	5510	0.3	55
		- 122.13- 123.55- brecciated section	E5499999	124.00	124.60	0.60	655	0.1	121
			E5500001	124.60	125.20	0.60	1610	0.1	5
		- several cross cutting calcite fracture fill and veinlets towards lower contact, sharp @ 65 degrees							
125.01	- 129.73	7a Conglomerate							
		-CONGLOMERATE	E5500002	125.20	125.80	0.60	813	0.1	4
		- poorly sorted, polymictic, rounded clast, strongly hematized locally, specularite on fracture surfaces, non magnetic							
		- lower contact sharp @ 45 degrees							
129.73	- 137.20	6b Vesicular/Amygdaloidal Basalt							
		-BASALT (Amygdaloidal)							
		- prolific calcite amygdulkes for 120cm, common chlorite pheno's, f gr matrix, dark grey , calcite fracture fill common, strongly magnetic							
		- lower contact gradational							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
137.20	- 158.53	6a Massive Basalt -BASALT (Massive) - vf to f gr matrix, hematitic red/brown color, intermittent areas of coarse dark chloritic pheno's, initially groupings of amygdules, possible narrow flows and contacts, occasional to more frequent hematite and calcite fracture fill - after 142.00- unit becomes more green-grey, more v f gr, occ calcite/hematite/lesser epidote fracture lining, intermittent patches with dark chloritic pheno's, massive, hard, strongly magnetic - lower contact irregular							
158.53	- 164.56	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal) - f gr matrix, prolific coarse calcite/qtz amygdules give way to epidote amygdules, lack of magnetism - 159.00- 159.50- irregular, cherty, light brown intrusive, chilled margins - unit becomes more massive, intermittent areas with amygdules and patches of dark chloritic pheno's, more hematitic red/brown and fractured with calcite/hematite infill - lower contact arbitrary	E5500003	164.50	165.10	0.60	267	0.1	20
164.56	- 167.18	VBx Vein Breccia -VEIN BRECCIA - host basalt is hematized, 2 to 3% calcite/qtz veinlets, stringers and vein bx @ 45 to 60 degrees, hematitic fracture lining, occ. Amygdule patches	E5500004	165.10	165.70	0.60	171	0.1	7
			E5500005	165.70	166.30	0.60	179	0.1	9
			E5500006	166.30	166.90	0.60	138	0.1	7

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
167.18	- 187.70	6g Gabbroic Basalt -BASALT (Gabbroic/Amygdaloidal) - unit varies from epidotitic green to hematitic red/brown, generally f gr matrix with areas of coarser calcite/qtz and lesser epidote amygdules and areas of dark chloritic pheno's, massive appearance in places and gabbroic in others, weak foliation? In places 45 dgreees to C.A., infrequent calcite/hematite fracture lining - 173.10- 175.76- hematized section -173.47- 173.68- 505 calcite/lesser qtz veining and host frags 60 to 90 degrees - after 175.75- unit more strongly epidotized with infrequent amygdules but prolific dark chlorite pheno's, massive, occ calcite/hematite fracture lining, moderately to locally strongly magnetic, more "gabbroic" appearance - lower contact sharp @ 25 degrees	E5500007	173.40	173.70	0.30	160	0.1	3
187.70	- 191.42	6a Massive Basalt -BASALT (Massive) - as before- slightly hematitic red/brown, f gr, occ dark chloritic pheno'd, gabbroic phases, occ. calcite/hematite fracture lining, hard, silicified, quite strongly magnetic - lower contact sharp @ 30 degrees							
191.42	- 198.10	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal/Gabbroic) - f gr matrix with prolific carser calcite/qtz/chlorite amygdules and dark chlorite pheno's, weak foliation/fluidal @ 45 degrees, occ to frequent calcite/hematite fracture lining - 193.74- 194.95- 2 to 3% calcite/hematite veinlets @ 25 to 50 degrees - unit develops more med c gr appearance, "gabbroic" texture, gradational lower contact	E5500008	193.70	194.30	0.60	2550	0.1	20
			E5500009	194.30	195.00	0.70	602	0.1	7

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
198.10	- 214.45	6g Gabbroic Basalt -BASALT (Gabbroic) - phases from hematitic finer grained to epidotitic coarser gabbroic texture, hairline calcite and some epidote fracture lining more rare, little to no magnetism, overall coarse grained epidotitic, prolific dark chlorite pheno's, massive - lower contact sharp @ 45 degrees							
214.45	- 216.60	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal/gabbroic) - as before- lower contact gradational							
216.60	- 226.55	6g Gabbroic Basalt -BASALT (Gabbroic) - as before- coarse dark chloritic pheno's and chlorite rimmed amygdules scattered throughout - 220.10- 222.18- 7 to 8 1/2 to 4cm calcite/qtz veinlets, lesser epidote @ 35 to 55 degrees ,hematitic fracture lining - 225.70- 2 cm calcite/qtz veinlet @ 40 to 50 Degrees, specks and blebs Native Copper and fine dark metallic mineral - unit becomes hematitic red/brown color towards lower contact, sharp @ 40 degrees	E5500010	220.00	221.00	1.00	668	0.1	5
			E5500011	221.00	222.00	1.00	153	0.1	6
			E5500012	222.00	223.00	1.00	112	0.1	3
			E5500013	224.90	225.50	0.60	198	0.1	5
			E5500014	225.50	225.80	0.30	514	4.7	17
			E5500015	225.80	226.40	0.60	167	0.1	2
			E5500016	226.40	227.00	0.60	159	0.1	6
226.55	- 229.20	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal) - as before- slight hematitic red/brown, f to med gr matrix with coarser calcite/lesser qtz amygdules - arbitrary contact	E5500017	227.00	227.60	0.60	162	0.1	2
			E5500018	227.60	228.20	0.60	197	0.1	4
			E5500019	228.20	228.80	0.60	129	0.1	2
			E5500021	228.80	229.40	0.60	93.8	0.1	9

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
229.20	- 237.51	VBx Vein Breccia - FractureZone							
		-MINERALIZED VEIN BRECCIA/ FAULT-FRACTURE ZONE	E5500022	229.40	230.00	0.60	125	0.1	20
		- hematized host amygdaloidal and massive basalt, intermittent calcite/qtz veining, fracture fill and minor vein bx along entire section about 3 to 5%, stringers and fracture fill and veining up to 8cm wide, very occ specks and fine masses chalcocite	E5500023	230.00	230.60	0.60	326	0.1	11
			E5500024	230.60	231.20	0.60	1280	0.1	2
			E5500025	231.20	231.80	0.60	1210	0.1	6
		- 235.45- 236.22- intermittent v f gr possible Mafic Dike, hematized, abundant calcite veinlets	E5500026	231.80	232.40	0.60	120	0.1	4
			E5500027	232.40	233.00	0.60	181	0.1	3
			E5500028	233.00	233.60	0.60	134	0.1	3
		- 236.50- 237.51- Fault/Fracture Zone- brecciated host rock, fault gouge, fragments, calcite veining and infill, one 15cm section light olive green, soft, brecciated dike?	E5500029	233.60	234.20	0.60	90	0.1	12
			E5500030	234.20	234.80	0.60	119	2.1	2
			E5500031	234.80	235.40	0.60	1780	1	4
			E5500032	235.40	236.00	0.60	480	0.1	14
			E5500033	236.00	236.60	0.60	2650	0.1	15
			E5500034	236.60	237.20	0.60	390	0.1	4
			E5500035	237.20	237.80	0.60	259	0.1	4
237.51	- 243.20	FZ Fracture Zone							
		FAULT-FRACTURE ZONE	E5500036	237.80	238.40	0.60	739	0.1	6
		- after 237.90- unit fractured but lesser downhole with 2 to 3% calcite/qtz stringers and veinlets and fracture fill	E5500037	238.40	239.00	0.60	3880	1.2	17
			E5500038	239.00	239.60	0.60	254	0.3	3
			E5500039	239.60	240.20	0.60	313	0.2	4
			E5500041	240.20	240.80	0.60	42	0.1	8
			E5500042	240.80	241.40	0.60	351	0.1	3
			E5500043	241.40	242.00	0.60	1360	0.1	4
			E5500044	242.00	242.60	0.60	266	0.1	15
			E5500045	242.60	243.20	0.60	299	0.1	4
243.20	- 245.70	6b Vesicular/Amygdaloidal Basalt							
		-BASALT (Amygdaloidal)							
		- as before- hematitic red brown with prolific calcite/qtz amygdules							
		- lower contact gradational							

<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>ppb</i>
245.70	- 267.30	6g Gabbroic Basalt							
		-BASALT (Gabbroic)	E5500046	259.10	259.40	0.30	67.1	0.1	3
		- unit has f to med gr epidotized pheno's and prolific dark med to c gr chloritic pheno's, massive, rare amygdules, and rare calcite/hematite fracture fill, occ epidote fracture lining, weak to no magnetism, strong epidote coloration, quite homogeneous to EOH, few narrow intermittent hematized areas	E5500047	260.40	260.70	0.30	71.9	0.1	2
		- 258.45- 2cm calcite/qtz veinlet @ 60 degrees							
		- 259.20- 259.36- 2cm as above, itrregular, about 35 degrees							
		- 260.44- 260.66- Vn bx, 60% calcite/qtz @ 35 degrees							
		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	252.06	3/16/2013	
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed	
Sault Ste. Marie		5209102	671439			Hand-held GPS		3/21/2013	
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged	
Batchawana Copper		285.00	236.20		-44.50	Superior Drilling			
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified	
Coppercorp		3000715		Brian Edgar		Bruce/Brian Edgar		<input type="checkbox"/>	
Zone/Prospect		Assessment Rpt. No.	Core Storage		Plug Depth		Makes Water	Capped	Environmental Inspection
SB			Coppercorp site				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Core Size (1)		Casing Pulled		Casing (1)	Plugged		Pulsed	Geophysics Contractor	Date Pulsed
(2)		<input type="checkbox"/>		(2)	<input type="checkbox"/>		<input type="checkbox"/>		
Purpose			Results			Comments			
Intersect the SB Zone			Intersected mineralized fracture zone in felsite dike and amygdaloidal volcanics between 109 and 113 metres.			Updated by D. Tortosa December 19, 2013			

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
20.00			236.2		-44.5		<input checked="" type="checkbox"/>	Reflex EZ		
66.00			237.7		-44.4		<input checked="" type="checkbox"/>			
112.00			241.2		-44.1		<input checked="" type="checkbox"/>			
158.00			244.6		-43.6		<input checked="" type="checkbox"/>			
203.00			248.6		-42.9		<input checked="" type="checkbox"/>			
249.00			244.1		-42.1		<input checked="" type="checkbox"/>			

Lithology				Cu	Ag	Au
From	To		Sample #	From	To	Len. ppm
0.00	- 2.20	OVB Casing Overburden/Casing				
2.20	- 7.08	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal) - dark, slightly green-grey, fine grain matrix with prolific calcite/qtz/epidote/lesser feldspar amygdules to 1cm, massive to weakly foliated/common fracture direction 45 degrees, very blocky/broken, prolific fine chloritic pheno's, calcite and lesser hematite fracture-fill - lower contact in broken core, approx 20 degrees to C.A.				
7.08	- 23.28	6g Gabbroic Basalt -BASALT (Gabbroic/Amygdaloidal) - epidote green alteration, med/coarse gr, epidotitic matrix with prolific dark, chloritic pheno's and frequent calcite/epidote/qtz/feldspar and chlorite amygdules, core blocky and broken, haorline epidote and calcite fracture lining, lack of magnetism - gradational phases between slightly hematitic red/brown color and epidotitic green - becoming hematitic red and prevalent cal;cite fracture fill towards lower contact, undulating, approx 65 degrees to c.A.				
23.28	- 28.00	8 Felsite -FELSITE - overall brick red with local color variations to darker hematitic and more pale areas, flow banding prevalent initially at 60 to 75 degrees, v. f. to f. gr grainy matrix with coarser qtz pheno's, some banding centrally @ 70 degrees, some patchy/blotchy areas with coarser clasts?/frags?, blocky fracturing with hematitic infill - lower contact sharp @ 70 degrees				

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
28.00	- 44.64	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal/Gabbroic) - as before @ 7.08m, initial red/brown-grey with prolific coarse, dark chloritic pheno's and prolific calcite/qtz/chlorite/epidote and lesser feldspathic amygdules, massive, blocky fractures, slight color variations throughout, generally increasing epidote content and color downhole, occasional hairline epidote and calcite fracture linings - after 39.00- more gabbroic appearance, amygdules dissipate, phasing to red/brown towards lower contact - 44.10- 44.67- 5% calcite/qtz veinlets/ fracture fill @ 20 to 45 degrees, specks and blebs chalcocite - lower contact sharp @ 40 degrees to C.A.	E5499890	44.10	44.70	0.60	10100	4.9	10
44.64	- 60.95	6a Massive Basalt -BASALT (Massive) - f gr matrix with med gr prolific dark chlorite pheno's, slightly hematitic red/brown, massive, occasional fine calcite amygdules and hairline fracture fill commonly @ 20 to 45 degrees to C.A. - 50.95- 30cm epidotized section (flow contact?) - 55.46- flow contact @ 60 degrees, following unit is slightly green-dark grey, f gr, massive, unit variably hematitic down hole - lower contact gradational							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
60.95	- 79.48	6b Vesicular/Amygdaloidal Basalt							
		-BASALT (Amygdaloidal)	E5499891	63.50	63.80	0.30	6370	2.7	3
		- f gr matrix with coarse prolific calcite/qtz/lesser feldspar, chlorite rimmed amygdules to 2cm, massive, very slightly hematitic color	E5499892	76.40	76.80	0.40	7640	3.5	10
		- 63.70- 1 to 2cm calcite veinlet @ 30 degrees and running along core, epidote/hematite rimming							
		- more frequent feldspathic amygdules in places, some coarse dark chloritic pheno's and chlorite- rimmed calcite/qtz amygdules appearing							
		- 76.45- 76.77- 50% qtz/calcite veining and stringers @ 60 degrees to C.A., multiple fine specks Chalcocite, few specks pyrite, minor hematite, possible prehnite?							
		- lower contact gradational							
79.48	- 86.30	6g Gabbroic Basalt							
		-BASALT (Gabbroic/Amygdaloidal)							
		- quite strongly epidotized finer matrix with prolific coarser dark chloritic pheno's, abundant calcite/qtz/lesser epidote/laumontite/chlorite rimmed amygdules, few qtz/calcite fracture fill @ 35 degrees, massive to weakly foliated 35 degrees							
		- lower contact sharp @ 30 degrees							
86.30	- 93.40	6a Massive Basalt							
		-BASALT (Massive)							
		- slight hematitic red/brown color, finer matrix with med to c gr prolific dark chlorite pheno's, occasional groupings calcite/qtz rimmed amygdules, massive, occasional calcite fracture fill commonly 45 to 50 degrees, local weak magnetism							
		- lower contact gradational							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
93.40	- 108.16	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal) - as before- slightly hematitic red/brown matrix with prolific coarse calcite/qtz amygdules with minor laumontite and chlorite rimming, some amygdules to 3cm, massive, occasional hairline calcite fracture fill, lack of magnetism, amygdules become less frequent downhole, slightly more hematized towards lower contact, few calcite/qtz veinlets with v fine metallics (Chalcocite?) - lower contact sharp @ 40 degrees	E5499893	106.90	107.50	0.60	375	0.1	3
			E5499894	107.50	108.10	0.60	5770	1	3
			E5499895	108.10	108.70	0.60	9400	1	7
108.16	- 111.28	8 Felsite - FractureZone -FELSITE (Vein Breccia) - initial contact area displays chilled margin, unit generally patchy hematitic red and lighter green, v f to f gr, dark patches strongly hematitic, fluidal/common fracture direction @ 45 degrees, 3 to 5% calcite/qtz/hematite veining and vein bx generally 60 degrees to C.A., intermittent fine specks Chalcocite, abundant hematite-lined fractures/faults with gouge and slip faces - 110.60- 111.00- intercallations of Amygdaloidal basalt - lower contact sharp @ 45 degrees	E5499896	108.70	109.30	0.60	796	1.2	7
			E5499897	109.30	109.90	0.60	7000	0.7	3
			E5499898	109.90	110.50	0.60	22200	2.7	6
			E5499899	110.50	111.10	0.60	7350	1.2	14
			E5499901	111.10	111.70	0.60	2230	0.3	20
111.28	- 121.54	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal) - as before- initially well fractured with calcite/qtz infill - 112.60- 112.80- 2 X 1cm and 4cm qtz/calcite veinlets @ 45 degrees, abundant speck, masses and fine lineations Chalcocite, some Chalcocite masses found in host rock margins, frequent calcite/hematite fracture lining, blocky core, lack of magnetism - 119.70- 120.17- Fault Zone- gouge, brecciated fragments, calcite/hematite infill @ 45 degrees to C.A. -amygdules dissipating towards lower contact, 45 degrees to C.A.	E5499902	111.70	112.30	0.60	6450	0.3	13
			E5499903	112.30	112.90	0.60	10100	0.8	51
			E5499904	112.90	113.50	0.60	23.9	0.1	2

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
121.54	- 172.25	6g Gabbroic Basalt							
		-BASALT (Gabbroic)	E5499905	140.50	140.80	0.30	814	0.1	1
		- generally epidotitic green, med gr, with coarser prolific dark chloritic pheno's, massive, occasional amygdules, intermittent hematized red/brown areas, less frequent calcite/qtz fracture fill	E5499906	142.20	142.50	0.30	1250	0.1	0.5
			E5499907	145.20	145.80	0.60	652	0.1	5
			E5499908	145.80	146.40	0.60	2070	0.1	4
		- 123.74- calcite/qtz veinlets with aquamarine blue-green colored mineral?	E5499909	146.40	147.00	0.60	1610	0.1	1
			E5499910	147.00	147.60	0.60	449	0.1	3
		- occ. Calcite/qtz/lesser laumontite- chlorite rimmed, amygdules, lack of magnetism	E5499911	147.60	148.20	0.60	340	0.1	3
			E5499912	148.20	148.80	0.60	158	0.1	4
		- after 127.0m- amygdules dissipate, more "gabbroic" unit appearance, specularite on fractures	E5499913	148.80	149.40	0.60	852	0.1	3
			E5499914	149.40	150.00	0.60	435	0.1	1
		- 134.84- qtz/calcite veinlet @ 40 degrees	E5499915	153.70	154.00	0.30	1080	1.4	3
			E5499916	156.00	156.30	0.30	1530	2.6	7
		- gradational patches to strongly epidotitic alteration and hematized areas, unit becomes fairly magnetic downhole	E5499917	160.90	161.20	0.30	18600	6	7
			E5499918	161.20	161.80	0.60	1500	0.1	2
		- 140.72- qtz/calcite vein @ 45 degrees with chalcocite bleb	E5499919	161.80	162.40	0.60	4690	1.3	5
			E5499921	162.40	163.00	0.60	1750	0.6	4
		- 142.45- calcite/qtz vein @ 55 degrees, chalcopyrite, phlogopite and bleb chalcocite	E5499922	163.00	163.60	0.60	14800	3.5	12
			E5499923	163.60	164.20	0.60	5850	1.1	4
		- 146.31- 1cm qtz/calcite veinlet running parallel to core, chalcocite bleb,	E5499924	172.10	172.40	0.30	1640	0.6	3
		- few chalcocite blebs in hematized basalt host, grading to epidotized with actinolite pheno's, little to no magnetism							
		- 153.82- to 1cm irregular qtz veinlet @ 55 degrees , brecciated fragments							
		- 156.10- 156.20- to 4cm discontinuous qtz/calcite veining with hematite fracture fill @ 70 to 90 degrees, brecciated and rounded clasts, specularite on contacts							
		- unit continues as more massive basalt, less chlorite pheno's with occ more prolific amygdules							
		- 161.03- 3cm qtz/calcite vein and chalcocite for 5cm, followed by chalcocite along fractures in host basalt, hematitic fracture lining							
		- after 161.90- qtz/calcite veinlet with blebs chalcocite, specularite on slip surfaces for 15cm							
		- 162.93- discontinuous 5cm qtz/calcite veining and bx fragments with hematite fracture lining							
		- 163.90- 4cm qtz/calcite vein with chalcocite blebs, hematitic stain and massive dark green mineral?							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
		- unit continues as gabbroic textured basalt, few fine actinolite pheno's, prolific dark chlorite pheno's, weak to no magnetism							
		-lower contact sharp @ 55 degrees							
172.25	- 178.91	6b Vesicular/Amygdaloidal Basalt							
		-BASALT (Amygdular)	E5499925	174.60	175.20	0.60	9920	15.2	3
		- f to med gr, greenish-grey, prolific calcite amygdules, several qtz eyes and chloritic pheno's, 3cm qtz vein on upper contact with hematite	E5499926	178.10	178.40	0.30	22800	35.2	139
		- 174.72- 17cm brecciated calcite/qtz vein, chalcocite blebs throughout, hematite fracture fill, irregular contacts	E5499927	178.40	179.00	0.60	9160	3.7	5
		- 178.26- to 1cm chalcocite in fracture fill							
		- 178.91- fault gouge @ 25 degrees to C.A., purple massive mineral on fault (Covellite?), fracture fill calcite with chalcocite in vug and purple mineral rimming, also minor chalcopyrite, lower contact fault gouge @ 35 degrees							
178.91	- 179.90	6a Massive Basalt							
		-BASALT (Massive)	E5499928	179.00	179.30	0.30	11400	5.1	4
		- f gr, dark green-grey, massive, weak to no magnetism, hematite fracture fill, fine chlorite pheno's							
		- lower contact sharp @ 45 degrees							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
179.90	- 197.32	6b Vesicular/Amygdaloidal Basalt							
		-BASALT (Amygdaloidal)	E5499929	183.10	183.70	0.60	779	1.2	0.5
		- as before @ 172.25m	E5499930	193.70	194.00	0.30	2650	4.3	0.5
		- 183.45- 7cm bx qtz/calcite vein, hematized	E5499931	194.60	195.20	0.60	4340	3.1	2
		- 186.70- 4cm qtz/calcite vein with dark green, v f gr cherty mineral?	E5499932	197.20	197.80	0.60	2890	3.2	6
		- unit gradational to less amygdular downhole with weak to no magnetism							
		- 193.81- brecciated micro veining with 1cm chalcocite bleb and nassive hematite and calcite fracture fill							
		- 194.93- fault gouge @ 45 degrees with chalcocite blebs, frequent fracturing of host rock in vacinity							
		- 196.20- qtz/calcite veinlet @ 55 degrees, followed by 2 3cm veinlets							
		- unit silicified towrads lower contact, sharp @ 45 degrees							
197.32	- 200.28	VBx Vein Breccia - Altered							
		-MINERALIZED VEIN BRECCIA	E5499933	197.80	198.40	0.60	1010	1.1	9
		- f to med gr basalt host, brecciated with calcite and locally qtz rich veining, garnular qtz vugs common, and hematitic fracture fill	E5499934	198.40	199.00	0.60	1460	0.6	6
		- 197.21- upper contact 22cm vein with massive hematite, angular brecciated frags and chalcocite	E5499935	199.00	199.60	0.60	361	0.1	3
		- 197.42- narrow stringers with chalcocite blebs and infill, pink/orng mineral in vugs, possible laumontite qith qtz, a;lso specks malachite	E5499936	199.60	200.20	0.60	299	0.1	3
		- after 197.69- brecciation more intense, core less siliceous, more carbonitized and becoming more hematite altered, generally non- magnetic	E5499937	200.20	200.80	0.60	165	0.1	3
		- 198.09- randomly oriented calcite veinlet with few blebs chalcocite, specularite on fractures							
		- 198.50- qtz veining and brecciated frags with 4 specks and 3 blebs chalcocite							
		- unit becomes more siliceous towards lower contact, sharp @ 70 degrees							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
200.28	- 201.34	7a Conglomerate -CONGLOMERATE - poorly sorted, polymictic, rounded clast, pebble to cobble conglomerate, hematite and calcite matrix, hematite altered, predominantly basaltic and granitoid clasts - lower contact sharp @ 60 degrees	E5499938	200.80	201.40	0.60	119	0.1	17
201.34	- 202.71	VBx Vein Breccia -MINERALIZED VEIN BRECCIA - as before @ 197.32- less siliceous, hematite altered, possible fine chalcocite specks and blebs throughout, increased siliceous content towards lower contact, sharp @ 60 to 65 degrees to c.A	E5499939	201.40	202.00	0.60	77.8	0.1	3
			E5499941	202.00	202.60	0.60	142	0.1	22
			E5499942	202.60	203.20	0.60	1290	0.1	6
202.71	- 211.25	6a Massive Basalt -BASALT (Massive) - v f to f gr, massive, hematite altered, few qtz/calcite veins and veinlets generally @ 65 degrees, moderate magnetism - 204.17- to 10cm wide brecciated veing - 205.20-205.36- qtz veining with sharp irregular contacts - after 205.36- calcite brecciation continues downhole to lower contact, discontinuous but to 20 cm in sections, hematite rich, abundant angular basaltic frags, trace chalcocite? - increasing magnetism towards lower contact, sharp @ 80 degrees	E5499943	203.20	203.80	0.60	854	0.6	2
			E5499944	203.80	204.40	0.60	326	0.4	18
			E5499945	204.40	205.00	0.60	369	0.5	2
			E5499946	205.00	205.60	0.60	607	1.1	5
			E5499947	205.60	206.20	0.60	1500	0.9	4
			E5499948	206.20	206.80	0.60	3520	0.2	0.5
			E5499949	206.80	207.40	0.60	3880	0.1	7
			E5499950	207.40	208.00	0.60	2590	0.1	4
			E5499951	208.00	208.60	0.60	1340	0.1	10
			E5499952	208.60	209.40	0.80	578	0.1	1
			E5499953	209.40	210.00	0.60	918	0.1	2
			E5499954	210.00	210.60	0.60	856	0.1	0.5
			E5499955	210.60	211.20	0.60	992	0.1	0.5
			E5499956	211.20	211.80	0.60	717	0.1	5

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
211.25	- 240.75	6a Massive Basalt							
		-BASALT (Massive)	E5499957	221.10	221.70	0.60	276	0.1	2
		- as above but strongly epidotized, f gr, greyish green, epidote fracture lining common and calcitic, lesser hematite lined fractures, few chlorite pheno's/amygdules, moderate magnetism	E5499958	221.70	223.00	1.30	429	0.1	3
		- 221.29- to 13cm discontinuous calcite veining with hematite/specularite and epidote, and brecciated basalt frags @ 65 degrees	E5499959	223.50	223.80	0.30	269	0.1	4
		- 221.90- 4cm calcite vein as above, 65 degrees							
		- 223.66- 1.5 cm qtz vein, epidotized with hematite fracture fill to 45 degrees							
		- uniot more siliceous downhole with common calcite fracture fill, locally hematitic							
		- 230.76- 3cm calcite vein with hematite fracture fill, bx host rock frags and cherty brown frags (dike?)							
		- unit strongly magnetic downhole							
		- lower contact irregular							
240.75	- 252.06	6b Vesicular/Amygdaloidal Basalt							
		-BASALT (Amygdaloidal)							
		- f to med gr, epidote amygdules and calcitic common, lesser chlorite pheno's, calcite fracture fill common							
		- after 243.17- unit becomes hematized							
		- after 244.93 unit epidotitic to EOH with increasing size of amygdules							
		E.O.H.							



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	258.15	3/6/2013	
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed	
Sault Ste. Marie		5209166	671445			Hand-held GPS		3/12/2013	
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged	
Batchawana Copper		290.00	239.60		-45.00	Superior Drilling			
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified	
Coppercorp		3000715		Bruce Edgar		Bruce Edgar		<input type="checkbox"/>	
Zone/Prospect		Assessment Rpt. No.	Core Storage		Plug Depth		Makes Water	Capped	Environmental Inspection
SB			coppercorp site				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Core Size (1)		Casing Pulled		Casing (1)	Plugged		Pulsed	Geophysics Contractor	Date Pulsed
(2)		<input type="checkbox"/>		(2)	<input type="checkbox"/>		<input type="checkbox"/>		
Purpose			Results			Comments			
Intersect SB Zone below Coppercorp Mine workings			Intersected 9 metres of mineralized vein breccia from 223 - 232 and low grade vein breccia from 100 to 105 metres.			Updated by D. Tortosa December 19, 2013			

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
29.60			239.6		-45		<input checked="" type="checkbox"/>	Reflex EZ		
75.30			242		-45.5		<input checked="" type="checkbox"/>			
121.00			241.9		-45.9		<input checked="" type="checkbox"/>			
166.70			243.8		-46.3		<input checked="" type="checkbox"/>			
212.40			246.3		-46.5		<input checked="" type="checkbox"/>			
258.20			251.2		-47		<input checked="" type="checkbox"/>			

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
0.00	- 2.09	OVB Casing -CASING/OVERBURDEN							
2.09	- 52.79	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal/gabbroic) - f to m gr, greenish-grey, calcite amygdules with chlorite rimming, chlorite pheno's, some hematite and epidote amygdules, overall slight hematitic red/brown color, weak to no magnetism, gradational from hematitic to epidotitic in places - 17.22- 3cm calcite bx vein, host frags and hematite fracture fill @ 65 degrees - several flow contacts grading between hematitic and epidotitic/gabbroic - 34.4- 34.8- to 1cm mud filled fracture along C.A. - 39.04- qtz/calcite vuggy veining with hematite/epidote @ 65 degrees - abundant coarse amygdules to 2cm, calcite filled, lesser epidote, some laumontite and calcite rimming - after 45.50 - occasional gabbroic sections, gradational, prolific med/coarse chlorite pheno's in epidotized groundmass - 50.90- 51.50- 2 to 3% irregular, discontinuous calcite/qtz veinlets and fracture fill, minor bx, intermittent hematization - 52.70- 52.79- 50% calcite/hematite vein bx @ 65 to 70 degrees	E5499833	17.10	17.40	0.30	2850	1.3	8
			E5499834	38.85	39.15	0.30	212	0.1	4
			E5499835	50.90	51.50	0.60	78.5	0.1	18
			E5499836	52.60	52.90	0.30	76.7	0.1	3

Lithology					Cu	Ag	Au
From	To		Sample #	From	To	Len.	ppm
							ppm
							ppb
52.79	- 67.92	6g Gabbroic Basalt -BASALT (Gabbroic) - med to coarse gr., epidotitic green and hematite red/brown phases, prolific med gr dark, chloritic pheno's in lighter epidote green matrix, occasional to frequent calcite fracture fill, massive to weakly foliated @ 65 degrees, overall weakly magnetic - after 63.50- unit less 'gabbroic' appearance, finer hematized matrix and more indistinct chloritic pheno's - 65.15- 65.60- Fracture/fault zone, blocky/broken core with greasy/slickenslide faces - unit hematized with abundant hairline calcite fracture fill to lower contact, sharp, irregular					
67.92	- 68.71	8 Felsite -FELSITE - f gr, flow-banded @ 70 degrees, some coarser, rimmed rounded frags, hematitic and few epidotitic? Bands, grainy texture - lower contact sharp on fracture/fault @ 80 degrees, hematitic					
68.71	- 71.65	6 Basalt - BASALT - f to ned gr, massive, slightly reddish to epidotitic green, well fractured with hematite lining, occasional weak foliation? 60 degrees to C.A., hematitic towards upper and lower contact - lower contact sharp @ 75 degrees on hematitic fault gouge					
71.65	- 72.61	8 Felsite -FELSITE - as at 67.92, more med grained, flow banding @ 65 degrees, deeply hematitic brick-red - lower contact 55 degrees to c.A.					

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
72.61	- 84.55	6a Massive Basalt							
		-BASALT (Massive)	E5499837	75.90	76.90	1.00	2860	1.7	3
		-initially gabbroic texture as before, then hematitic rd/brown with fine matrix and indistinct "ghost" dark chlorite pheno's, massive, hard, fine hairline calcite fracture fill	E5499838	80.10	80.40	0.30	1150	1.3	2
		- after 75.50- unit more gabbroic appearance, prolific fine/med gr chlorite pheno's and grey color, frequent calcite fracture fill, some low angle and cross fracturing	E5499839	82.90	83.50	0.60	3330	1	3
		- 76.08- <1cm calcite veinlet @ 30 degrees, discontinuous, few masses Chalcocite	E5499841	83.50	84.10	0.60	193	0.1	18
		- 76.76- 5cm calcite vein bx @ 60 degrees							
		- 80.27- 5cm calcite/qtz veinlet @ 55 degrees							
		- 82.92- 83.98- 2% calcite/qtz stringers/fracture fill and vein bx to 4cm, 35 to 45 degrees to c.A., specks and masses Chalcocite @ 82.94							
		- lower contact gradational							
84.55	- 93.53	6b Vesicular/Amygdaloidal Basalt							
		-BASALT (Amygdaloidal)							
		- fine matrix with coarse to 1cm calcite/qtz filled amygdules, massive to weak foliation/common fracture direction @ 60 degrees, moderately brown/red hematitic color, some chloritic clots and chlorite rimming of calcite amygdules, frequent calcite fracture lining							
		- lower contact sharp @ 60 degrees							

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
93.53	- 99.90	6a Massive Basalt -BASALT (Massive) - upper contact on 4cmbx frags on fault gouge/fracture, unit dark grey, slightly hematitic red/brown, med gr, prolific dark chloritic pheno's, frequent calcite fracture lining, many along core - 98.50- 4 cm aphanitic, cherty, dark brown dikelet @ 45 degrees - increasing calcite fracture fill, irregular to lower contact @ 60 degrees	E5499842	99.30	99.90	0.60	3680	0.1	5
99.90	- 105.26	VBx Vein Breccia -VEIN BRECCIA/FAULT ZONE - 99.90-100.08- qtz/calcite veining and vein bx @ 60 degrees, host rock frags, calcite cement and random fine specks Chalcocite - 100.08- 100.53- chilled margin intrusive, soft, light tan colour, fine grained - 100.53- 100.81- calcite/qtz veining and vein bx @ 25 degrees upper, 50 degrees lower contact, host rock frags and hematite, very fine shiny metallic specks (Chalcocite?),- fragmented/brecciated material in walls of fault 100.81- 101.10- fault gouge and brecciated frags, 60 degrees to C.A. - 101.10- 102.80- strongly hematized host rock, bx'd frags and 1-2% calcite veining and fracture fill, commonly 45 degrees 102.22- 6cm dikelet Felsite @ 60- 65 degrees, hematitic, specularite on slickenside - 102.80- 105.26- fractured host Basalt (Gabbroic texture) with 2-3% calcite/qtz/lesser hematite veins, vein bx and fracture fill 104.90- specks and masses Chalcocite in 4cm calcite veinlet @ 40 -45 degrees	E5499843	99.90	100.50	0.60	7070	1.3	41
			E5499844	100.50	101.10	0.60	110	0.1	16
			E5499845	101.10	101.70	0.60	69.9	0.1	2
			E5499846	101.70	102.30	0.60	195	0.1	4
			E5499847	102.30	102.90	0.60	299	0.1	2
			E5499848	102.90	103.50	0.60	164	0.1	2
			E5499849	103.50	104.10	0.60	6450	1.3	17
			E5499850	104.10	104.60	0.50	3900	0.1	6
			E5499851	104.60	105.20	0.60	563	0.1	2
			E5499852	105.20	105.80	0.60	133	0.1	0.5

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
105.26	- 121.00	6g Gabbroic Basalt							
		-BASALT (Gabbroic)	E5499853	106.40	106.70	0.30	154	0.1	1
		- initially well-fractured and broken, calcite/epidote fracture lining, becomes massive, epidotitic green, med c gr with prolific dark chloritic pheno's, very weak magnetism, frequent calcite/hematite fracture lining, occasional calcite/qtz/lesser hematite veins, veinlets and minor vein bx	E5499854	108.70	109.00	0.30	213	0.1	1
		- 106.60- 3cm @ 45 degrees	E5499855	111.50	111.80	0.30	68	0.1	8
		- 108.83- 4cm @ 65 degrees, few fine metallic specks (Chalcocite?)	E5499856	114.50	115.30	0.80	178	0.7	2
		- 11.63- 6 cm @ 65 degrees	E5499857	116.80	117.20	0.40	462	105	6
		- unit becoming more grey downhole, intermittent hematitic red/brown sections							
		- 114.50- 115.28- calcite/hematite vein bx and veinlets/fracture fill and fractured host rock with calcite/hematite lining, approx. 60 degrees to C.A., minor prehnite?							
		- 116.86- 117.17- 20% calcite/minor qtz/hematite veining and fracture fill @ 60 degrees, minor epidote, few metallic specks (Chalcocite?)							
		- host rock remains fractured with calcite/hematite fracture fill							
		- lower contact sharp @ 70 degrees							
121.00	- 149.86	6b Vesicular/Amygdaloidal Basalt							
		-BASALT (Amygdaloidal)	E5499858	127.90	128.20	0.30	118	0.1	0.5
		- as before- fine dark grey matrix with coarse prolific to 2cm calcite/qtz amygdules, massive to weakly foliated/common fracture direction @ 45 to 50 degrees, abundant hairline calcite and some hematite fracture lining, minor chlorite and rare epidote amygdules	E5499859	142.70	143.50	0.80	514	11.7	10
		- 128.03- 10 cm calcite/qtz veining, on fracture/fault (minor gouge) @ 35 degrees, veining @ 45 degrees	E5499861	143.50	149.30	5.80	55.1	0.9	1
		- host unit intermittently dark hematitic red/brown and intermittent finer matrix, more massive with fewer amygdules, calcite fracture fill remains quite prevalent							
		- after 142.40- increased fracture fill and veinlets to 2-3% @ 45 degrees, minor vein bx							
		- unit becomes increasingly epidotized towards lower contact, sharp @ 30 degrees to C.A.							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
149.86	- 162.15	<p>6g Gabbroic Basalt</p> <p>-BASALT (Gabbroic/massive)</p> <p>- initially strongly epidotized, decreasing rapidly downhole from contact, generally dark grey, medium grained, massive, lighter matrix and dark chloritic pheno's and interlocking grains, somewhat frequent fractures with calcite, lesser hematite and occ. Epidote fracture fill</p> <p>- unit becomes quite intensely silicified, patchy hematitic areas</p> <p>- lower contact gradational</p>							
162.15	- 169.92	<p>6b Vesicular/Amygdaloidal Basalt</p> <p>-BASALT (Amygdaloidal)</p> <p>- varies from slightly greenish to slightly red/brown-grey, fine matrix with coarser calcite/qtz, lesser chlorite amygdules, generally quite hard, silicified, occ. Calcite/hematite fracture lining</p> <p>- 169.78- 169.92- qt/calcite vein bx, hematitic @ 60 degrees</p> <p>- unit has blocky fracture and calcite/hematite infill</p> <p>- lower contact gradational</p>	E5499862	169.70	170.00	0.30	81.3	0.1	0.5
169.92	- 178.27	<p>6a Massive Basalt</p> <p>-BASALT (Massive)</p> <p>- as before @ 149.86- few random amygdules to start, becomes massive, hard, interlocking grain type, few hairline calcite fracture linings</p> <p>- increase in calcite stringers and fracture fill towards lower contact, as well as amygdules</p> <p>- lower contact gradational</p>							

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
178.27	- 217.77	7a Conglomerate -CONGLOMERATE - polymictic, unsorted, pebble to cobble sized rounded clasts, predominantly granitoid, minor calcite cement, clast supported, occasional calcite/lesser hematite fracture fill - 200.40- 200.94- banded sandstone layer @ 15 degrees to C.A. - occasional hairline calcite fracture lining, rare epidotitic - 215.00- 217.10- matrix supported, fine/med granular matrix with 20% clasts - lower contact irregular							
217.77	- 222.67	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal) - as before- fine dark matrix with prolific calcite/qtz amygdules, initially with v fine gr hematized hard material intercalated with the amygdaloidal basalt - 219.90- 220.73- 70% patchy calcite/lesser qtz veining and hematized fractures, 45 degrees to C.A. - lower contact sharp @ 75 degrees	E5499863	219.80	220.80	1.00	148	0.1	4
			E5499864	220.80	221.60	0.80	267	0.1	3
			E5499865	221.60	222.20	0.60	338	0.1	3
			E5499866	222.20	222.60	0.40	1090	0.6	3
			E5499867	222.60	223.20	0.60	16700	18.2	147

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
222.67	- 231.95	VBx Vein Breccia							
		-MINERALIZED VEIN BRECCIA	E5499868	223.20	223.80	0.60	9100	2.9	13
		- 15 to 20% calcite/qtz, lesser hematite veining, fracture fill and vein bx with fractured basalt/Amygdaloidal basalt host rock, all @ 35 to 65 degrees to C.A.- some qtz/calcite veining is vuggy, occasional specks and masses Chalcocite, possible malachite near vugs	E5499869	223.80	224.40	0.60	1830	2.4	12
			E5499870	224.40	225.00	0.60	973	1.1	4
			E5499871	225.00	225.60	0.60	806	0.5	6
			E5499872	225.60	226.20	0.60	791	0.1	19
		- 222.75- 223.03- specks, masses and fine lineations of Chalcocite and bornite, one 2cm qtz/calcite veinlet with Chalcopyrite blebs	E5499873	226.20	226.80	0.60	333	0.1	7
			E5499874	226.80	227.40	0.60	382	0.9	3
			E5499875	227.40	228.00	0.60	973	0.2	9
		- 225.44- Malachite? Stained or Green qtz? with fine lineations chalcocite	E5499876	228.00	228.60	0.60	434	0.2	3
			E5499877	228.60	229.20	0.60	679	0.1	7
		- 225.60- 226.58- MAFIC DIKE- dk grey, v f gr, massive, blocky fracturing, calcite/hematite infill, strongly magnetic, sharp irregular contacts	E5499878	229.20	229.80	0.60	1500	1.3	9
			E5499879	229.80	230.40	0.60	288000	365	303
		- 229.88- 230.09- Near massive Chalcocite in "cauliflower" patchwork with calcite matrix @ 45 degrees to C.A., rimmed by green qtz?/malachite? Stain	E5499881	230.40	231.00	0.60	816	3.8	63
			E5499882	231.00	231.60	0.60	1160	1.3	30
		- intermittent strongly hematized areas	E5499883	231.60	232.20	0.60	390	0.1	4
		- lower contact on fault/fracture @ 75 degrees							
231.95	- 247.80	6b Vesicular/Amygdaloidal Basalt							
		-BASALT (Amygdaloidal/Gabbroic)	E5499884	232.20	232.80	0.60	555	0.4	10
		- as before- initially massive, f gr, with lack of amygdules	E5499885	237.50	238.10	0.60	3170	2	7
		- after 233.00- prolific calcite/qtz amygdules, overall dk grey to red/brown-grey in slightly hematized sections, frequent calcite/lesser hematite fracture linings, intermittent phases to less amygdules, more prolific dark chlorite pheno's/amygdules and gabbroic appearance, occasional potential flow contacts with v f gr massive Basalt contacting more gabbroic appearing basalt, common fracture direction 45 to 60 degrees							
		- 236.60- 2cm calcite/qtz veinlet @ 65 degrees							
		- 237.70- 10cm section of calcite fracture fill around brecciated host rock frags, few masses Chalcocite							
		- 240.14- 2cm calcite/qtz veinlet @ 80 degrees							
		-lower contact gradational							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
247.80	- 250.26	6a Massive Basalt -BASALT (Massive) - v f gr matrix, occasional coarser indistinct dk chlorite pheno's and occ. Amygdules, slightly hematitic red/brown-dk grey colour, massive, hard, frequent calcite fracture fill, some auto-brecciation - lower contact sharp @ 65 degrees	E5499886	249.60	250.20	0.60	232	0.1	21
			E5499887	250.20	250.80	0.60	677	4.9	8
250.26	- 251.24	VBx Vein Breccia -FAULT/VEIN BRECCIA ZONE - 250.55- 250.95- fault gouge/mud and hematized host rock frags with calcite infill, either side is 15% calcite/qtz vein bx, all @ 55-60 degrees, occasional fine specks and small masses Chalcocite	E5499888	250.80	251.40	0.60	1810	3.4	37
251.24	- 258.15	6a Massive Basalt -BASALT (Massive/Amygdaloidal) - as before- v f gr, slightly hematized red/brown- dk grey, massive sections interspersed with amygdaloidal areas, gradational, dk chlorite pheno's in amygdular sections, somewhat frequent calcite/hematite fracture lining, amygdules composed of calcite/qtz/epidote and chlorite EOH	E5499889	251.40	252.00	0.60	273	0.1	3



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	242.91	2/23/2013
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed
Sault Ste. Marie		5209340	671270			Hand-held GPS		2/28/2013
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged
Batchawana Copper		299.00	246.40		-69.80	Superior Drilling		
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified
Coppercorp		3000715		Brian Edgar		Brian Edgar		<input type="checkbox"/>
Zone/Prospect		Assessment Rpt. No.	Core Storage		Plug Depth	Makes Water	Capped	Environmental Inspection
SB			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 the SB Zone below Coppercorp Mine workings			Intersected 2-3 cm vein of native copper at 103 metres. Intersected Cu-Ag-Au vein breccia and fracture zone over 2 metres at 176 metres; intersected weakly mineralized vein breccia and fracture zone over 5 metres at 233 metres			Updated by D. Tortosa December 19, 2013		

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
11.30			246.4		69.8		<input checked="" type="checkbox"/>	Reflex EZ		
57.00			247.8		69.7		<input checked="" type="checkbox"/>			
102.70			251.3		69.4		<input checked="" type="checkbox"/>			
148.40			257.8		69.1		<input checked="" type="checkbox"/>			
194.10			257.7		68.5		<input checked="" type="checkbox"/>			
239.90			260.1		67.6		<input checked="" type="checkbox"/>			

Lithology				Cu	Ag	Au
From	To		Sample #	From	To	Len. ppm ppm ppb
0.00	- 1.46	OVB Casing				
1.46	- 4.37	OVB Casing -OVERBURDEN/BOULDERS - Amygdaloidal basaltic fragments				
4.37	- 12.13	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal) - f. gr., greenish-grey, epidotized with frequent dark chloritic pheno's, increasingly more siliceous from 7.67m to 7.99m, less amygdules, little to no chlorite, few calcite stringers after 8.20- unit becomes more hematized,-intermittent changes in colorization fromhematitic red/brown to epidotitic green, weak to no magnetism, specularite on fractures and slips - lower contact sharp @ 15 degrees to c.A.				
12.13	- 12.68	6g Gabbroic Basalt -BASALT (Gabbroic) - green-grey, med to large grains, amygdules of epidote and possible zeolites, chlorite pheno's, and little hematite discoloration, patchy/clot like texture - lower contact in broken blocky core				

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
12.68	- 24.63	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal) - as at 4.37m, med gr, chlorite rich, amydaloidal - 15.11- 5cm hematized qtz/calcite vein @ 50 degrees, malachite on contact surface - un it continues as above, alternating from more hematized red/brown to more epidotized green, prolific chlorite pheno's, weak magnetism, weak foliation @ 45 degrees - unit more siliceous approaching lower contact, sharp 2 10 degrees to C.A.I	E5499753	15.00	15.30	0.30	205	0.3	11
24.63	- 39.01	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal, Gabbroic) - f gr, grey, amygdaloidal basalt, calcite/epidote filled amygdules, less frequent chlotite pheno's, relatively non-magnetic - 25.12- malachite along fracture fill will qtz/calcite veinlet - after 26.52- calcite more sporadic, patchy, and slight hematite red/brown to epidote green discoloration - after 27.00- unit continues with gabbroic texture, amygdaloidal basalt with slight variations downhole - 30.82- fault gouge @ 55 degrees to C.A. - 31.97- as above - 33.14- as above - 29.37 to 35.86- 5 calcite veinlets to 2cm with chlorite/epidote - lower contact sharp @ 35 degrees	E5499754	25.00	25.30	0.30	48.3	0.1	2

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
39.01	- 65.25	6b Vesicular/Amygdaloidal Basalt							
		-BASALT (Amygdaloidal)	E5499755	49.20	49.50	0.30	135	0.1	5
		- as before- prolific chlorite pheno's, more frequent hematitic fracture fill, often as specularite and some slickenslide	E5499756	52.30	52.60	0.30	63.4	0.1	4
			E5499757	52.60	52.90	0.30	62.9	0.1	27
		- 49.37- 1cm qtz/calcite/hem veinlet @ 45 degrees, chlorite rich, poss malachite	E5499758	65.10	65.40	0.30	248	0.1	8
		- 52.44- 52.73- intermittent qtz/calcite/hem veining, few brecciated frags, upper and lower contacts with veining to 3cm, all at 65 to 70 degrees							
		- unit continues as chlorite pheno prominent gabbroic textured basalt							
		- after 56.84- more hematized, frequent hem fracture fill							
		- 61.55- epidotized section for 5cm, accompanied by qtz/calcite veinlet							
		- calcitic amygdules increase towards lower contact, sharp @ 45 degrees							
65.25	- 65.90	6 Basalt - Altered							
		-BASALT (Hematized altered fracture zone)	E5499759	65.40	66.00	0.60	211	0.1	2
		- matrix is hematite veining with calcite and qtz veining less frequent, host is amygdaloidal basalt with calcite amygdules, some chlorite rimming and lighter green/brownish mineral (epidote alteration?)							
		- lower contact sharp in broken/blocky core							

Lithology						Cu	Ag	Au	
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
65.90	- 80.00	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal) - f gr., greyish red, calcite filled amygdules with chlorite rims, less frequent chlorite pheno's, hematite fracture fill commonly @ 40 to 50 degrees - 68.97- 2cm brecciated vein calcvite/epidote/hematite - after 72.10- less frequent hematite fracture fill and amygdules - after 73.1- several 1cm qtz veinlets with epidote from 40 to 60 degrees to C.A. - 74.80- 5cm epidote matrix vein with bx hematite frags - after 74.80- more amygdules, mostly calcite with chlorite rimming, unit weakly magnetic - flow contact @ 80.00 - lower contact sharpm @ 50 degrees	E5499761	66.00	66.30	0.30	193	0.1	3
80.00	- 93.68	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal) - siliceous, chlorite rich -82.12- 13cm epidote matrix breccia vein package @ 55 degrees, mafic host frags, qtz/hematite also - 85.87- 87.55- less siliceous, separate flow?, prominent large calcite amygdules - after 87.55- siliceous, chlorite rich as before - 91.02- epidote and qtz/calcite fracture fill @ 50 degrees, few Chalcocite blebs - after 91.02- core appears autobrecciated with qtz/epidote matrix in patchwork veinlets - 91.52- to 3cm qtz/calcite vein with brecciated cherty frags, little hematite and chlorite - unit continues less amygdular, more veinlets and stringers qtz/calcite generally 40 to 50 degrees - lower contact sharp @ 90 degrees	E5499762	91.00	91.30	0.30	2130	0.6	4
			E5499763	91.30	91.60	0.30	1270	0.2	2
			E5499764	91.60	91.90	0.30	423	2.8	4

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
93.68	- 100.84	7a Conglomerate -CONGLOMERATE - polymictic, rounded clasts, clast supported, calcite infill, predominantly granitoids, lesser hematized mafic volcanic, chloritic and feldspar - after 94.06- conglomerate less hematitic - 93.90- 94.88- to 1cm calcite/hematite veinlet parallel to C.A. - 95.60-laminated, sandstone band @ 35 degrees - 100.63- more tightly packed conglomerate, better clast sorting, 1 to 2cm size (turbidite?) - lower contact sharp, irregular							
100.84	- 100.95	9 Mafic Dike -MAFIC DIKE - aphanitic, brown color, highly siliceous, few quartz eyes?, weakly magnetic - lower contact sharp @ 90 degrees							
100.95	- 108.31	7a Conglomerate -CONGLOMERATE - as before- - 102.58- 1 by 1.5 cm bleb Native Copper with quartz/calcite and hematite veining -102.62- 4cm discontinuous Native Copper vein with quartz/calcite and 1cm hematite veinlet, followed by 1 by 2cm quartz veinlet with copper blebs -lower contact sharp @ 35 degrees to C.A.	E5499765	102.10	102.40	0.30	747	0.3	1
			E5499766	102.40	102.70	0.30	17400	20.5	6
			E5499767	102.70	103.00	0.30	805	0.3	1

Lithology					Cu	Ag	Au
From	To		Sample #	From	To	Len.	ppm
							ppm
							ppb
108.31	- 108.97	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal) - dark grey, f gr, calcite and chlorite amygdules - lower contact sharp @ 50 degrees					
108.97	- 122.52	9 Mafic Dike -MAFIC DIKE - highly siliceous, strongly magnetic, vf to f gr, chlorite rich black-grey, to 2% hematite throughout as fracture fill, calcite stringers generally @ 35 to 40 degrees - 108.97- 109.50- patchwork calcite veining matrix to MV, hematite also, slight micro-fracturing and brecciation in zone - 116.00- 116.50- hematite altered zone foliated 40 degrees, qtzécalcite stringers - after 116.50- unit continues as before, highly siliceous and magnetic - 122.09- 5cm brecciated qtz/calcite vein, angular mafic frags, some hematite, 50 degrees to C.A. - 122.60- as above @ 60 degrees - lower contact sharp @ 60 degreesi					
122.52	- 127.23	8 Felsite -FELSITE - f gr, brick red, flow banded @ 55 degrees, strongly hematized, some calcite fracture fill - lower contact sharp @ 60 degrees					

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
127.13	- 137.18	6 Basalt							
		-BASALT (Massive)	E5499768	127.30	127.60	0.30	1630	0.7	4
		- highly siliceous, hard, black/grey, v f gr, strongly magnetic	E5499769	127.60	127.90	0.30	668	0.1	6
			E5499770	127.90	128.20	0.30	975	0.1	6
		- 128.02- 2cm calcite veinlet with chalcocite bleb	E5499771	128.20	128.70	0.50	823	0.1	2
			E5499772	128.70	129.00	0.30	479	0.6	2
		- 129.00-129.55- 70% calcite veining wuth qtz/hematite and chlorite @ 40 degrees	E5499773	129.00	129.30	0.30	326	1	0.5
			E5499774	129.30	129.60	0.30	1250	2	4
		- 139.60- 141.94- 5 qtz/calcite veinlets, chalcocite in epidote @ 140.39	E5499775	129.60	129.90	0.30	2070	0.5	4
			E5499776	129.90	130.20	0.30	292	0.1	2
		- lower contact sharp @ 40 degrees	E5499777	130.20	130.50	0.30	281	0.1	2
			E5499778	130.50	131.10	0.60	498	0.6	5
			E5499779	132.30	132.60	0.30	244	1.2	4
			E5499781	132.60	133.20	0.60	369	0.1	4
137.18	- 146.40	6b Vesicular/Amygdaloidal Basalt							
		-BASALT (Amygdaloidal)	E5499782	141.20	141.50	0.30	984	0.1	5
		- v f gr, color varies from hematite reddish to dark grey to epidote green area							
		- 137.60- 137.90- qtz/calcite amygdules [prominent with chlorite and epidote							
		- after 137.90- more hematized appearance and more chloritic pheno's							
		- 141.37- 6cm calcite/qtz vein with hematite and dark green milky mineral bleb (malachite?)							
		- 143.50- 144.55- more epidote rich, predominantly chlorite pheno's							
		- lower contact shrap @ 30 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>ppb</i>
146.40	- 152.95	6 Basalt							
		-BASALT	E5499783	147.20	147.50	0.30	13900	2	7
		- hematized dark reddish-grey, foliated 55 degrees, highyl siliceous, vf to f gr	E5499784	148.00	148.30	0.30	1220	1.7	4
		- 147.41- epidote clot with Chalcocite bleb							
		- 148.14- qtz/hematite veinlet @ 80 degrees with Chalcocite blebs							
		- unit continues as hematized basalt, siliceous, foliated 35 degrees, f gr, few calcite/qtz stringers							
		- lower contact sharp @ 45 degrees							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
152.95	- 176.82	6b Vesicular/Amygdaloidal Basalt							
		-BASALT (Amygdaloidal)	E5499785	156.80	157.10	0.30	2240	0.1	3
		- f m gr, grey, various flows/alteration formreddish hematitic to epidote greenish gradational changes, some areas with more epidote amygdules, some with chlorite pheno's, few qtz blebs and stringers @ 55 degrees generally	E5499786	160.00	160.30	0.30	926	0.1	4
			E5499787	160.30	160.70	0.40	6790	0.1	9
			E5499788	161.20	161.50	0.30	250	0.8	26
		- 157.00- qtz/calcite with fine specks chalcocite	E5499789	161.50	162.10	0.60	445	0.1	4
			E5499790	162.10	162.40	0.30	115	0.1	2
		- 160.06- as above	E5499791	162.40	162.70	0.30	349	0.1	4
			E5499792	162.70	163.00	0.30	238	0.1	2
		- 160.62- as above	E5499793	163.00	163.60	0.60	226	0.1	12
			E5499794	163.60	164.20	0.60	325	0.1	3
		- unit locally strongly magnetic	E5499795	164.20	164.80	0.60	337	0.1	3
			E5499796	164.80	165.10	0.30	686	0.4	4
		- 161.38- 7cm qtz/calcite veining with hematite and possible barite?	E5499797	166.30	166.60	0.30	250	0.1	2
			E5499798	169.60	169.90	0.30	134	0.1	27
		- 162.72- micro-faulted package within qtz/calcite veining with parallel hematite veining and brecciated host rock, Native copper specks and blebs	E5499799	169.90	170.20	0.30	1010	0.1	12
			E5499801	170.20	170.50	0.30	174	0.1	3
		- 164.88- 1cm qtz/calcite veinlet with hematite, one bleb Native copper	E5499802	175.90	176.50	0.60	2510	5.8	11
			E5499803	176.50	176.80	0.30	10200	31.9	12200
		- 166.41- 5cm qtz/calcite vein with brecciated host frags	E5499804	176.80	177.40	0.60	15200	32.8	4830
		- 170.02- qtz/cal;cite veiningwith hematite stringers and chlorite and 13 blebs, 10+ specks Native Copper, 2-3 specks chalcocite in parallel epidote veinlet							
		- unit continues as hematized amygdaloidal basalt, chlorite pheno's and chlorite rimmed qtz amygdules, slight magnetism, generally foliated 40 to 50 degrees							
		- 176.00-176.82- discontinuous braided qtz/calcite veining, few specks Chalcocite, 35 degrees							
		- lower contact sharp @ 30 degrees to C.A.							
176.82	- 177.45	VBx Vein Breccia - FractureZone							
		BRECCIA/FRACTURE ZONE (Hematite Altered)	E5499805	177.40	177.80	0.40	4540	12.6	52
		- locally brecciated, highly altered, several slip surfaces with specularite, potential chalcocite along fractures, frequent calcite rich bands							
		- lower contact sharp @65 degrees							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
177.45	- 232.85	6b Vesicular/Amygdaloidal Basalt							
		-BASALT (Amygdaloidal/Gabbroic)	E5499806	177.80	178.10	0.30	2370	6.7	13
		- greenish grey, amygdaloidal, frequent dark chlorite pheno's	E5499807	179.40	179.70	0.30	1200	2.3	9
			E5499808	179.70	180.00	0.30	5630	26.8	6
		- 179.83- 3 X 2cm calcite veinlets with hematite, @ 50 degrees, Chalcocite next to slip surface	E5499809	180.00	180.30	0.30	794	0.9	8
			E5499810	181.00	181.60	0.60	234	0.1	31
		- 180.95- 182.00- qtz/calcite veinlets and fracture fill and 18 cm calcite /qtz vein, brecciated, minor pyrite in fractures and malchite blebs and masses in fractures	E5499811	181.60	182.20	0.60	179	0.1	16
			E5499812	182.20	182.50	0.30	284	0.1	9
		- 185.45- calcite/qtz veining and epidote altered bleb with pyrite, trace chalcopyrite and specks/blebs Chalcocite, all @ 50 degrees to C.A.	E5499813	185.30	185.60	0.30	533	0.1	5
			E5499814	190.70	191.00	0.30	238	0.1	3
		- after 185.50- frequent chlorite pheno's, unit epidotized, medium grained needle-like pheno's (actinolite?), few specks specularite	E5499815	191.00	191.60	0.60	125	0.1	4
			E5499816	191.60	192.40	0.80	107	0.1	3
		- 191.00- few qtz/cal;cite veinlets, epidotized and hematite stringers and possible fine specks Chalcocite	E5499817	194.70	195.00	0.30	1750	2	22
			E5499818	197.90	198.20	0.30	287	0.1	29
		- 194.88- qtz/calcite veining @ 60 degrees with +30 specks and blebs chalcocite	E5499819	198.20	198.80	0.60	276	0.1	2
			E5499821	198.80	199.10	0.30	169	0.1	5
		- 197.90- few irregular qtz/calcite veinlets to 1cm @ 90 degrees	E5499822	199.90	200.20	0.30	268	0.1	3
			E5499823	232.10	232.40	0.30	157	0.2	4
		- 200.00- qtz/calcite veinlets to 1cm with hematite and specularite on slip surfaces, epidote alteration and possible chalcocite specks	E5499824	232.40	233.00	0.60	391	0.2	8
		- unit gradational in places from amygdular basalt to more gabbroic textured, often slightly reddish/brown(hematitic) and grading to epidotitic, generally weak to no magnetism, occasional calcite/hematite fracture fill							
		- 232.22- 1cm qtz/calcite veinlet @ 20 degrees, chlorite and hematite, 1 bleb native copper							
		- lower contact sharp @30 degrees to C.A.							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
232.85	- 237.40	VBx Vein Breccia - FractureZone							
		BRECCIA/FRACTURE ZONE	E5499825	233.00	233.60	0.60	479	1.6	4
		- dark chlorite rich fracture zone, qtz/calcite matrix, hematite altered, auto-brecciated, angular frags, calcite/hematite fracture fill common- locally epidote rich, veining at random orientations, specularite on slip surfaces	E5499826	233.60	234.20	0.60	1290	0.3	4
			E5499827	234.20	234.80	0.60	617	1.3	20
			E5499828	234.80	235.40	0.60	592	0.5	3
		- lower contact sharp @	E5499829	235.40	236.00	0.60	936	0.9	5
			E5499830	236.00	236.60	0.60	1120	0.6	27
			E5499831	236.60	237.20	0.60	1640	0.7	6
			E5499832	237.20	237.80	0.60	403	0.2	9
237.40	- 242.91	7a Conglomerate							
		-CONGLOMERATE							
		- polymictic, unsorted, rounded clasts, clast supported with calcite and hematite infill, predominantly granitoid clasts							
		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	75.28	2/13/2013
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method		Date Completed	
Sault Ste. Marie		5210147	671013					2/15/2013	
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor		Date Logged	
Batchawana Copper		290.00	256.50		-77.50	Superior Drilling			
Area		Claim No.	NTS Sheet	Supervised By		Logged By		Verified	
Coppercorp		3000715		Bruce Edgar		Bruce/Brian Edgar		<input type="checkbox"/>	
Zone/Prospect		Assessment Rpt. No.	Core Storage			Plug Depth	Makes Water	Capped	Environmental Inspection
B			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"/>		
Purpose			Results			Comments			
Intersect B Zone near Great Conglomerate contact			Mineralized vein breccia intersected from 43 to 46 metres; conglomerate intersected at 68 metres.			Updated by D.Tortosa December 20, 2013			

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
29.50			256.5		-77.5		<input checked="" type="checkbox"/>			
75.00			257.7		-77.5		<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 ppm ppb</i>
0.00	- 1.99	OVB Casing - CASING/OVERBURDEN				
1.99	- 3.20	6 Basalt - BASALT-(Hematized) - overall brick-red, but composed of hematized matrix and coarser dark green chloritic pheno's (prolific), occasional calcite-filled amygdules, overall fine/med gr, moderately to more strongly magnetic, massive, occasional calcite/hematite fracture lining - lower contact gradational				
3.20	- 11.70	6b Vesicular/Amygdaloidal Basalt - BASALT (Amygdaloidal) - overall epidote and dark green, med gr matrix of epidotized/lesser hematized pheno's + prolific coarser dark chloritic pheno's with prolific to frequent calcite/epidote, lesser chlorite and minor pink feldspathic amygdules, chlorite rimming, massive to weak foliation, weak to no magnetism- increasing towards lower contact, more gabbroic in appearance towards gradational lower contact				

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
11.70	- 38.97	6g Gabbroic Basalt							
		- BASALT (Gabbroic)	E5499730	29.80	30.40	0.60	91.5	0.8	11
		- unit overall epidotitic green, composed of fine/med gr epidotized pheno's, some hematized red/brown, prolific coarser dark chloritic pheno's causing "gabbroic" appearance, massive to very weakly foliated 40 to 45 degrees, initially few calcite/epidote amygdules, strongly magnetic, occasional hematitic fracture lining, abundant fine magnetite grains	E5499731	30.40	31.00	0.60	183	0.2	3
			E5499732	31.00	31.30	0.30	125	0.8	4
			E5499733	31.30	31.90	0.60	229	0.1	4
			E5499734	38.10	38.70	0.60	1420	0.4	2
			E5499735	38.70	39.00	0.30	17500	0.1	91
		- intermittent possible flow contacts @ 45 degrees, which feature strongly hematized material over 5 to 6cm							
		- 17.6- 18.3- flow contacts and hematized throughout							
		- after 18.30- unit darker, coarser, appearance, epidotized green and lesser hematite red intermingled colours with prolific coarse, dark, chloritic pheno's, gabbroic texture, unit remains strongly magnetic							
		- 26.80- 27.30- hematized section with prolific fine, shiny, platy metallics (specularite?)							
		- occasional calcite fracture lining, some hematitic							
		- after 27.30- unit more medium grained, intermittent hematized areas, remains gabbroic but less coarse							
		- 29.90- 31.17- 2 to 3% calcite/qtz stringers/veinlets and fracture fill ending in 2 cm vein @ 40 degrees to C.A., minor hematite banding							
		- after 36.00- unit becomes more dark grey, epidotization dissipating							
		- after 37.70- grain size of matrix decreases rapidly to fine grained							
		- after 38.40- rapid proliferation of calcite, lesser qtz amygdules							
		- 38.80- 38.97- 5 to 10% calcite and hematite veining with 3 cm band of semi-massive chalcocite on lower contact @ 75 degrees to C.A.							
38.97	- 42.89	8 Felsite							
		- FELSITE	E5499736	39.00	39.50	0.50	388	15.4	5
		- initially brick red, hematized, fine grained and flow banded with some coarser pheno's, gradational change to epidotized light green and f/med grained centrally, with occasional coarser pheno's, returning to brick red after 42.00m, few cross-cutting hairline calcite filled fractures, more noticeable banding at lower contact with veining	E5499737	39.50	40.10	0.60	99.9	1	0.5
			E5499738	41.70	42.30	0.60	334	1.1	2
			E5499739	42.30	42.90	0.60	3650	2	4

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
42.89	- 46.29	VBx Vein Breccia - Mineralized							
		- MINERALIZED VEIN BRECCIA	E5499741	42.90	43.20	0.30	5330	17.3	92
		- 5 to 7% calcite/lesser qtz and hematite veinlets/fracture fill and vein breccia all @ 45 to 60 degrees to C.A.	E5499742	43.20	43.80	0.60	916	1.8	3
			E5499743	43.80	44.40	0.60	437	1.2	3
		- 42.90- 43.10- hematized Felsite and calcite vein breccia ending in 1cm band of specks and masses of Native Copper	E5499744	44.40	45.00	0.60	881	1.4	15
			E5499745	45.00	45.30	0.30	1420	1.5	34
		- 43.10- 45.30- 2 to 3% calcite/qtz lesser hematite veinlets and fracture fill in f/ med gr basalt host	E5499746	45.30	45.70	0.40	2760	70.7	815
			E5499747	45.70	46.30	0.60	139000	29.8	810
		- 45.30- 46.29- 20% calcite/lesser qtz/lesser hematite vein breccia, starting on hematite lined fault gouge (45 degrees), some felsite fragments							
		- 45.72- 46.15- 30% semi-massive Chalcocite as blebs and fracture fill and cementing basaltic fragments							
		- lower contact sharp @ 60 degrees to C.A.							
46.29	- 53.10	6a Massive Basalt							
		- BASALT (Massive)	E5499748	46.30	46.90	0.60	1720	10.4	9
		- generally dark grey, fine gr, with prolific, fine pheno's (amygdules?), massive, strongly magnetic, frequent calcite/minor epidote fracture lining commonly @ 35 to 45 degrees, occasional hematitic fracture lining	E5499749	46.90	47.50	0.60	7910	7.7	46
		- some irregular calcite/qtz/hematite lined fractures/veinlets along core towards lower gradational contact							

Lithology				Cu	Ag	Au			
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
53.10	- 61.60	<p>6g Gabbroic Basalt</p> <p>- BASALT (Epidotitic-Gabbroic)</p> <p>- strongly epidotitic green, f /med grained epidotized pheno's and prolific dark chloritic pheno's giving "gabbroic" texture, massive, generally strongly magnetic, occasional coarse epidote pheno's, hairline calcite and epidote fracture lining</p> <p>- after 57.50- intermittent, hard, siliceous, hematitic, finer grained sections, gradational, indistinct dark chlorite pheno's</p> <p>- lower contact gradational</p>							
61.60	- 66.15	<p>6b Vesicular/Amygdaloidal Basalt</p> <p>- BASALT (Amygdaloidal)</p> <p>- generally f gr, grey/green, slightly epidotized, coarse prolific calcite/epidote amygdules initially, prolific dark chloritic pheno's, amygdules dissipating down-hole, weak magnetism dissipating down-hole, somewhat gabbroic texture towards end of unit</p> <p>- lower contact sharp @ 40 degrees to C.A.</p>	E5499750	65.90	66.50	0.60	545	0.6	13
66.15	- 68.44	<p>6a Massive Basalt</p> <p>- BASALT (Massive)</p> <p>- initially hematized, f gr, massive, increasing grain size towards lower contact and more grey/green colour, prolific fine chlorite pheno's</p> <p>- 66.15- 66.33- calcite/lesser qtz + hematite vein breccia @ 40 degrees</p> <p>- 67.05- 4cm calcite/hematite vein breccia @ 40 degrees, tr specularite, few irregular veinlets follow</p> <p>- lower contact sharp @ 40 degrees</p>	E5499751	66.50	67.10	0.60	751	0.7	16
			E5499752	67.10	67.70	0.60	180	0.2	2

<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>ppb</i>
68.44	- 75.28	7a Conglomerate - CONGLOMERATE - generally fine epidotized matrix and cement around pebble to cobble sized , un-sorted, rounded cl;asts, prdominantly MV/basalt, fewer granitoid clasts, some calcite cement 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	203.29	1/26/2013
District		UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method			Date Completed	
Sault Ste. Marie		5210077	670889			Hand-held GPS			2/5/2013	
Project		UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor			Date Logged	
Batchawana Copper		285.00	250.40		-64.40	Superior Drilling				
Area		Claim No.	NTS Sheet	Supervised By			Logged By		Verified	
Coppercorp		3000715		Bruce Edgar			Bruce/Brian Edgar		<input type="checkbox"/>	
Zone/Prospect		Assessment Rpt. No.	Core Storage			Plug Depth	Makes Water	Capped	Environmental Inspection	
C			Coppercorp site				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Core Size (1)	NQ		Casing Pulled	Casing (1)	6.70	Steel	Plugged	Pulsed	Geophysics Contractor	Date Pulsed
(2)			<input type="checkbox"/>	(2)			<input type="checkbox"/>	<input type="checkbox"/>		
Purpose			Results			Comments				
Intersect the C Zone below the Coppercorp Mine Workings			Intersected the C Zone vein breccia, but poorly mineralized			Updated by D. Tortosa December 19, 2013				

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
20.00			250.4		-64.4		<input checked="" type="checkbox"/>	Reflex EZ		
66.10			252.3		-64.1		<input checked="" type="checkbox"/>			
111.90			251.3		-63.7		<input checked="" type="checkbox"/>			
157.60			252.7		-62.8		<input checked="" type="checkbox"/>			
203.00			251.3		-61.9		<input checked="" type="checkbox"/>			

Lithology				Cu	Ag	Au				
From	To		Sample #	From	To	Len.	ppm	ppm	ppb	
0.00	-	6.30	OVB Casing							
6.30	-	8.41	6 Basalt - BASALT (Hematitic) - red/brown - dark grey, very fine to fine grained, hard, siliceous, occasional patches of coarser, indistinct chlorite pheno's and amygdules - blocky fractures, hematitic fracture lining, very strongly magnetic, few calcite/epidote fracture linings towards lower contact @ 40 degrees to C.A., lower contact in broken, blocky core							
8.41	-	18.02	6b Vesicular/Amygdaloidal Basalt - BASALT (Amygdaloidal) - generally dark grey, fine grained matrix with prolific coarser (to 1.5 cm) epidote/calcite filled amygdules, massive, common fracture fill direction @ 40 to 45 degrees to C.A., calcite/ epidote lined, generally strongly to moderately magnetic - after 10.16- epidote filled amygdules give way to less prolific, dark, chlorite filled amygdules and fewer epidote filled. Some hematitic fracture lining, occasional fragments v.f. gr to f. gr epidotitic basalt, - some calcite/laumontite? Filled fracture and amygdules - lower contact sharp @ 35 degrees to C.A.							
18.02	-	20.87	6g Gabbroic Basalt - BASALT (Gabbroic) - epidote green/grey, medium/coarser grained dark chloritic pheno's and amygdules in epidote altered matrix, massive, epidote fracture lining, quite strongly magnetic - 19.90-20.10- 4 to 5 fine calcite/hematite fractures to 1 cm wide @ 50 degrees to C.A., unit hematized in this area - unit darker red/brown towards lower contact (gradational)	E5499660	19.80	20.20	0.40	209	1.6	10

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
20.87	- 25.96	6 Basalt -BASALT (Varied) - unit ranges from slightly epidotitic with dark chloritic pheno's to fine grained/ hematitic red/brown color with indistinct darker chlorite pheno areas, weak foliation 35 degrees to C.A., rare fine calcite fracture lining - 23.50- 2 cm wide calcite/epidote fracture lining @ 35 to C.A. - remains quite strongly magnetic, lower contact sharp @ 50 degrees to C.A.	E5499661	23.40	23.70	0.30	221	0.1	5
25.96	- 27.10	6 Basalt -BASALT (Hematitic) - as before at 6.30 m, red/brown grey, v.f. gr matrix, hard, siliceous, weak foliation/ fluidal? @ 40 degrees to C.A., blocky fine fractures, hematite/calcite lined, few areas of chlorite pheno basalt inclusions - lower contact sharp @ 25 to c.A.							
27.10	- 31.66	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal) - as before @ 8.41 m, prolific, coarse epidote/calcite filled amygdules and lesser chlorite, epidote + calcite rimmed amygdules also- quite strongly magnetic - after 30.8m- epidote/calcite filled amygdules fewer, more abundant dark chlorite pheno's and amygdules - 31.25- mud-filled fracture/fault 70 degrees to C.A. - 31.63- 3cm calcite/minor qtz, lesser hematite veinlet @ 60 degrees to CA. - lower contact sharp on veining	E5499662	31.50	31.80	0.30	173	0.1	2

Lithology				Cu	Ag	Au
From	To		Sample #	From	To	Len. ppm ppm ppb
31.66	- 35.26	<p>6g Gabbroic Basalt</p> <p>-BASALT (Gabbroic)</p> <p>- as before @ 18.02m- chlorite amygdules/pheno's more prolific intermittently, unit moderately to quite strongly magnetic, massive, rare calcite fractures</p> <p>- lower contact sharp @40 Degrees to C.A.</p>				
35.26	- 36.55	<p>6 Basalt</p> <p>- BASALT (Hematitic)</p> <p>- as before- finer grained, red/brown, hard, siliceous, strongly magnetic, indistinct chlorite pheno patches and pheno's disseminated throughout- few narrow intercalations of previous unit, rare calcite/epidote/hematite fracture lining</p> <p>- lower contact sharp @ 30 to C.A.</p>				
36.55	- 40.68	<p>6b Vesicular/Amygdaloidal Basalt</p> <p>- BASALT (Amygdaloidal)</p> <p>- as before- prolific amygdules, predominantly calcite and chlorite rimmed, frequent epidote amygdules and lesser calcite, massive, rare calcite/epidote fracture lining, strongly magnetic</p> <p>- lower contact irregular</p>				
40.68	- 41.90	<p>6 Basalt</p> <p>-BASALT (Hematitic)</p> <p>- as before- few narrow intercallations of above unit- lower contact somewhat gradational</p>				

Lithology						Cu	Ag	Au	
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
41.90	- 44.50	6g Gabbroic Basalt -BASALT (Gabbroic) - as before- prolific medium/coarser chloritic pheno's in finer epidotitic matrix, massive, strongly magnetic - 42.42- 2cm calcite/lesser epidote/qtz veinlet @ 45 degrees to C.A., few small masses chalcocite - lower contact sharp @ 40 degrees to C.A.	E5499663	42.30	43.60	1.30	795	0.1	8
44.50	- 47.30	6 Basalt -BASALT (Hematitic) - as before- v.f. gr matrix, red/brown with indistinct, darker chlorite pheno's, frequent hairline epidote fracture fill. -lower contact @ 45 to C.A.							
47.30	- 52.34	6g Gabbroic Basalt -BASALT (Gabbroic) - as before- numerous narrow interscallations of hematitic basalt as above - 47.89- 1cm calcite/qtz/hematite veinlet, lesser laumontite and epidote veinlet @ 60 degrees to C.A. - lower contact somewhat gradational @ 50 to C.A.	E5499664	47.70	48.00	0.30	301	0.1	3
52.34	- 55.14	6 Basalt -BASALT (Hematitic) - as before- vf to f gr matrix, red/brown with coarser indistinct occasional groupings of dark chloritic pheno's, few narrow intercallations of "gabbroic" variety basalt, moderately to quite strongly magnetic - lower contact sharp @ 35 to C.A., 1cm qtz/calcite veinlet on contact with fine host rock fragments	E5499665	55.00	55.30	0.30	398	0.1	35

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
55.14	- 56.46	6b Vesicular/Amygdaloidal Basalt -BASALT (Amygdaloidal/hematitic) - unit has red/brown fine matrix with coarser calcite/qtz, lesser epidote/chlorite amygdules to 2cm, massive, quite strongly magnetic, fine calcite/hematite fracture linings, few 2-3cm calcite/qtz veinlets @ 40 degrees to C.A., with laumontite/prehnite - lower contact sharp @40 degrees to C.A.	E5499666	55.30	55.90	0.60	270	0.1	7
56.46	- 73.95	6g Gabbroic Basalt -BASALT (Amygdaloidal/gabbroic) - finer matrix epidotized with coarser (to 1/2cm) fragments to prolific amygdules of epidote, lesser calcite and dark chloritic pheno's and amygdules, massive, quite strongly magnetic initially, very occasional fine specks chalcocite in some calcite filled amygdules - after 66.00- unit is gabbroic in appearance with fine epidotized matrix and prolific coarse dark pheno's and amygdules, epidote/calcite amygdules dissipate - unit remains massive, magnetism dissipating after 70.00m - 69.67- 69.91- fine calcite/hematite fracture fill ending in 2cm calcite/hematite veinlet @ 60 degrees to C.A., few possible vf specks chalcocite? - 72.10-72.23- calcite, lesser qtz and and hematite vein @ 60 degrees to C.A. - lower contact sharp @ 45 to C.A.	E5499667	60.90	61.20	0.30	304	0.1	3
			E5499668	69.60	70.00	0.40	255	0.1	6
			E5499669	72.00	72.30	0.30	172	0.1	1

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
73.95	- 87.47	6b Vesicular/Amygdaloidal Basalt							
		-BASALT (Amygdaloidal/hematitic)	E5499671	76.00	76.30	0.30	1290	0.1	8
		- fine hematized matrix with coarse (to 3cm) elongated epidote/calcite amygdules and medium dark chloritic pheno's and amygdules	E5499672	76.30	76.80	0.50	960	0.1	6
			E5499673	76.80	77.10	0.30	1140	0.1	4
			E5499674	77.10	77.40	0.30	386	0.1	0.5
		-75.94- 79.32- fewer chlorite amygdules, prolific qtz/calcite eyes	E5499675	77.40	77.90	0.50	587	0.1	2
		-76.22- 1cm qtz veinlet @ 40 degrees to C.A, chalcocite specks and blebs	E5499676	77.90	78.20	0.30	906	0.1	5
		-76.51- irregular 2cm qtz veinlet @ 40 to C.A. with chalcocite, chalcocite present in amygdules near veins from 75.94 to 76.70m	E5499677	80.28	80.58	0.30	1030	0.1	10
			E5499678	80.58	80.88	0.30	252	0.1	4
		-77.75- 5cm qtz vein @ 40 degrees to C.A., unit strongly epidotized with qtz/calcite amygdule margins and radial qtz/epidote pheno's	E5499679	81.95	82.25	0.30	382	0.1	0.5
		- unit becomes increasingly hematized, massive to very weak foliation?, increased chlorite pheno's							
		-80.43- 80.74- silicified section, fine grained matrix, brown/green colour and prolific chlorite pheno's, some hematite and calcite, little to no magnetism- upper and lower contacts @ 25 degrees							
		- 82.10- 10cm calcite bx vein with epidote/hematite margins @ 45 degrees							
		- increased chlorite to lower contact, sharp @ 60 degrees to C.A.							
87.47	- 89.77	-BASALT (hematized/siliceous)							
		- intermittent sections/flow contacts? Of fine grained, highly siliceous, hard, blocky fractured, few calcite amygdules basalt with occasional calcite/hematite stringers @ 45 degrees. Flow contacts? @ 45 and 70 degrees							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
89.77	- 108.81	6g Gabbroic Basalt							
		-BASALT (gabbroic0	E5499680	94.30	94.60	0.30	655	0.1	5
		- initially amygdaloidal/hematitic but increasingly gabbroic in appearance down-hole- medium to coarse grained, epidote green coloured, few more hematized patches, locally strongly magnetic, weakening down-hole	E5499681	95.41	95.71	0.30	317	12.3	17
			E5499682	101.30	101.60	0.30	426	0.1	5
		- 94.14- sharp flow contact @ 60 degrees with epidote altered basalt, greenish/red, medium to fine gr, few chloritic pheno's, few calcite/qtz amygdules, lower contact 35 degrees	E5499683	107.48	107.88	0.40	2240	0.4	25
			E5499684	108.61	109.11	0.50	442	0.1	32
		- after 94.00m- amygdules increase in size, chlorite and epidote rimmed calcite filled amygdules, host quite strongly hematized, weak to no magnetism							
		- 95.44- 6cm calcite vein with hematite margins and fracture fill							
		-after 96.41- Basalt is finer grained, epidotized, weak to no magnetism							
		- 96.60- 5cm calcite vein, hematite lined, host rock and chloritic fragments							
		- 101.49- 1cm qtz/calcite veinlet, few specks chalcocite							
		- unit is fine to med gr, more hematized, possible fine specularite in chloritic pheno's/amygdules							
		- gradational lower contact about 35 degrees							
		- 107.48- irregular qtz veining with chalcocite clots, also in surrounding amygdules							
108.81	- 109.37	6 Basalt							
		-BASALT (Hematized)	E5499685	109.11	109.41	0.30	364	0.1	3
		- hematite altered basalt with chloritic pheno's, occasional fine specularite and chalcocite? Blebs and specks							

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
109.37	- 132.35	6g Gabbroic Basalt							
		-BASALT- (Gabbroic/epidotized)	E5499686	111.00	111.30	0.30	737	0.1	4
		- as at 89.77m- prolific chlorite pheno's and amygdules	E5499687	111.30	111.60	0.30	497	0.3	0.5
			E5499688	111.60	111.90	0.30	330	0.1	30
		- 111.10- more hematitic colouration, alternating hematized and epidotized flows for 20cm, flow contacts generally 60 to 70 degrees, hematized vein with laumontite, also specularite and possible chalcocite	E5499689	120.55	120.85	0.30	226	0.1	1
			E5499690	120.85	121.15	0.30	3650	0.1	23
			E5499691	121.15	121.45	0.30	973	0.1	14
		- unit continues as epidote altered with chloritic pheno's, gabbroic appearance, increasing magnetism down-hole	E5499692	121.45	122.05	0.60	1920	0.1	14
			E5499693	122.05	122.35	0.30	215	0.1	5
		- 121.08- flow contact with 1cm qtz/hematite veinlet @ 25 degrees with chalcocite/chalcopyrite at top of flow, second qtz/hematite veinlet @ lower contact- epidote brighter, unit more siliceous near contacts (chilling?)	E5499694	130.60	131.00	0.40	773	0.1	7
			E5499695	132.20	132.80	0.60	270	0.1	5
		- occasional more hematized phases							
		- 130.72- 3X 1cm qtz veinlets with specularite @ 40 to 50 degrees to C.A, epidote/hematite fracture fill							
		- lower contact sharp, irregular, about 45 degrees							
132.35	- 137.10	VBx Vein Breccia							
		-VEIN BRECCIA	E5499696	132.80	133.40	0.60	46.9	0.1	26
			E5499697	133.40	134.00	0.60	53.6	0.1	1
		- about 20% brecciated calcite/lesser qtz veining with hematite rimming and epidote margins, several frctures with specularite (slip and slide), brecciated host rock fragments with chlorite and lesser calcite amygdules, chalcocite appearing in small, grainy clumps or platy slivers within vugs, sometimes associated with fractures, some pockets specularite filled, rare chalcopyrite along fractures	E5499698	134.00	134.60	0.60	155	0.1	1
			E5499699	134.60	135.20	0.60	58.6	0.1	3
			E5499701	135.20	135.80	0.60	44.2	0.1	2
			E5499702	135.80	136.40	0.60	34.4	0.1	1
		- lower contact gradational, about 90 degrees to C.A.	E5499703	136.40	137.00	0.60	81.8	0.1	3

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
137.10	- 144.90	6 Basalt -BASALT (Epidotized) - fine gr, greenish-grey, locally medium grained, more siliceous than previous Basalt unit, few chlorite pheno's, weak to no magnetism - 141.0- flow conatct? V f gr and siliceous - 141.3- vf to f gr, reddish colour, siliceous, less frequent amygdules, epidote and qtz filled - lower contact gradational	E5499704	144.88	145.48	0.60	252	0.1	32
144.90	- 145.61	6 Basalt -BASALT (Epidote/hematite altered) - fine/medium grained epidotized Basalt with chloritic pheno's- micro-faulted fracture zone, few calcite/qtz veins at random angles to C.A., unit weakly magnetic - qtz veinlet on lower contact @ 40 degrees	E5499705	145.48	145.78	0.30	190	0.1	5

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
145.61	- 174.33	6g Gabbroic Basalt							
		-BASALT (Gabbroic/epidotized)	E5499706	150.05	150.35	0.30	340	0.1	5
		- gabbroic texture basalt, medium/coarse gr, epidotized-green, dark chloritic pheno's (clots)	E5499707	150.50	150.80	0.30	626	0.1	0.5
			E5499708	160.80	161.10	0.30	383	0.1	2
		- 150.25- 1cm qtz/calcite veinlet @ 50 degrees	E5499709	161.10	161.40	0.30	303	0.1	5
			E5499710	161.40	161.70	0.30	146	0.2	2
		- 150.69- 5cm qtz vein @ 50 degrees with epidote/hematite and chalcocite along fracture	E5499711	168.60	169.00	0.40	3910	0.2	382
			E5499712	169.00	169.30	0.30	1490	0.1	4
		- occasional more hematized (red/brown) areas and more siliceous sections down-hole	E5499713	169.67	169.97	0.30	705	0.6	7
			E5499714	172.00	172.30	0.30	1090	0.1	3
		- 160.94- 161.50- 4 x 1 to 6cm brecciated qtz veins @ 70 degrees, with brecciated fragments hematized basalt	E5499715	174.20	174.50	0.30	237	0.6	2
		- 168.70- narrow qtz veinlets over 4cm @ 55 degrees, specularite and possible chalcocite along fractures							
		- unit continues as siliceous, epidotized basalt variety with prominent chlorite pheno's							
		- 169.19- qtz veinlet @ 55 degrees to C.A.							
		- 169.87- qtz veinlet @ 55 degrees to C.A.							
		- after 169.87- unit more siliceous and foliated, few flow contacts							
		- 172.14- hematized qtz/specularite vein							
		- micro faulting/fracturing approaching lower contact @ 55 degrees to C.A.							
174.33	- 177.11	VBx Vein Breccia							
		-VEIN BRECCIA (Mineralized)	E5499716	174.50	175.10	0.60	181	0.1	3
			E5499717	175.10	175.70	0.60	467	3.6	40
		- 3 episodes of calcite/qtz veining, fracture fill and vein breccia to 3 to 5%, hematite alteration, some chlorite, malachite lined fractures, trace chalcocite?- lower contact sharp @ 55 degrees to C.A.	E5499718	175.70	176.30	0.60	1360	0.8	4
			E5499719	176.30	176.90	0.60	395	0.6	1
			E5499721	176.90	177.20	0.30	352	1.2	3

Lithology					Cu	Ag	Au		
From	To		Sample #	From	To	Len.	ppm	ppm	ppb
177.11	- 185.72	6 Basalt -BASALT (Hematized) - fine/m. gr, siliceous, dark grey/ greenish-red, several qtz/calcite stringers and fracture fill at random orientations, unit weakly magnetic - lower contact sharp @ 55 degrees on fault gouge	E5499722	185.53	186.13	0.60	2350	0.7	7
185.72	- 190.00	VBx Vein Breccia -VEIN BRECCIA (Mineralized) - 5 to 7% calcite/qtz veining, fracture fill and vein breccia, strongly hematized/ altered, angular brecciated fragments in calcite/qtz matrix - 185.9- 8cm semi-massive chalcocite within calcite vein - 186.79- 187.40- micro-fracture zone with brecciated fragments, unit locally siliceous near veining - 189.15- chalcocite fracture fill - few Conglomerate clasts incorporated near lower contact, sharp @ 55 degrees	E5499723	186.13	186.73	0.60	159	0.2	96
			E5499724	186.73	187.33	0.60	167	0.1	48
			E5499725	187.33	187.93	0.60	109	0.3	3
			E5499726	187.93	188.53	0.60	108	0.3	12
			E5499727	188.53	189.13	0.60	250	0.1	32
			E5499728	189.13	189.73	0.60	404	0.6	16
			E5499729	189.73	190.03	0.30	685	1.4	163
190.00	- 203.29	7a Conglomerate - CONGLOMERATE - polymictic, poorly sorted, rounded granitoid and mafic volcanic/basalt clasts, minor epidote matrix, clast supported conglomerate -EOH							

APPENDIX III

Assay Certificates



CLIENT NAME: SUPERIOR COPPER CORPORATION
SUITE 2810-130 KING ST W, PO BOX 182
TORONTO, ON M5X1A6
(416) 479-0893

ATTENTION TO: BRUCE EDGAR

PROJECT NO: BCP SB ZONE PHASE 2

AGAT WORK ORDER: 13U707990

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: May 01, 2013

PAGES (INCLUDING COVER): 21

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: 13U707990
PROJECT NO: BCP SB ZONE PHASE 2

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: Apr 22, 2013	DATE RECEIVED: Apr 19, 2013		DATE REPORTED: May 01, 2013		SAMPLE TYPE: Drill Core									
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
5499961 (4284041)	<0.2	0.74	19	21	34	1.6	6	7.33	0.7	40	8.7	31.6	896	4.34
5499962 (4284042)	<0.2	1.03	31	26	74	1.9	9	1.87	<0.5	78	4.8	20.7	148	1.52
5499963 (4284043)	<0.2	1.91	1	29	27	2.6	11	2.45	<0.5	95	1.5	15.8	145	0.46
5499964 (4284044)	<0.2	2.30	3	28	30	2.2	9	2.77	<0.5	88	1.1	15.0	92.0	0.48
5499965 (4284045)	<0.2	1.78	<1	29	49	2.1	18	2.04	<0.5	94	1.1	7.9	133	0.47
5499966 (4284046)	<0.2	1.56	4	25	359	2.0	10	2.44	<0.5	96	3.2	20.3	540	0.44
5499967 (4284047)	0.3	1.59	8	54	34	2.0	22	4.70	<0.5	60	4.4	6.4	143	1.94
5499968 (4284048)	<0.2	1.57	4	22	25	2.9	18	5.50	0.5	58	15.7	39.8	94.9	2.30
5499969 (4284049)	<0.2	2.02	<1	16	52	<0.5	18	7.01	<0.5	22	35.5	135	1370	7.19
5499970 (4284050)	4.4	2.04	7	16	31	<0.5	10	7.58	1.3	22	30.3	123	6780	7.13
5499971 (4284051)	4.8	2.02	4	17	25	<0.5	21	6.98	1.0	24	35.4	128	7360	6.99
5499972 (4284052)	1.8	1.71	<1	15	66	<0.5	30	11.4	0.7	19	28.0	110	4180	5.55
5499973 (4284053)	3.5	1.99	2	16	30	<0.5	31	8.90	<0.5	20	32.1	107	7580	7.07
5499974 (4284054)	<0.2	2.41	4	9	35	<0.5	17	5.75	<0.5	23	36.9	131	589	7.89
5499975 (4284055)	<0.2	2.87	<1	9	26	<0.5	17	5.49	0.5	24	35.6	142	353	7.40
5499976 (4284056)	<0.2	3.25	9	12	11	<0.5	<1	5.22	<0.5	23	38.4	145	790	6.68
5499977 (4284057)	<0.2	1.95	3	19	55	<0.5	6	8.78	<0.5	24	34.2	104	257	6.88
5499978 (4284058)	<0.2	3.18	4	18	61	<0.5	29	10.8	0.6	20	31.4	113	821	6.35
5499979 (4284059)	0.4	3.56	10	13	16	<0.5	12	6.05	<0.5	22	49.1	148	1940	7.49
5499980 (4284060)	29.5	0.98	776	9	26	<0.5	4	0.13	165	46	7.2	222	1940	10.3
5499981 (4284061)	0.5	3.13	<1	14	13	<0.5	15	8.93	0.6	20	43.6	137	2280	6.93
5499982 (4284062)	<0.2	2.77	<1	13	25	<0.5	10	7.43	<0.5	21	38.3	151	763	7.33
5499983 (4284063)	<0.2	3.30	<1	12	19	<0.5	25	6.12	1.0	24	39.8	151	2300	7.27
5499984 (4284064)	1.0	3.55	<1	12	13	<0.5	19	7.26	0.5	19	42.2	139	4010	7.04
5499985 (4284065)	<0.2	3.71	2	9	15	<0.5	3	5.75	<0.5	25	48.9	147	336	7.59
5499986 (4284066)	<0.2	4.40	3	9	9	<0.5	<1	5.79	0.6	19	54.9	158	1720	8.23
5499987 (4284067)	<0.2	3.75	<1	15	17	<0.5	8	5.44	<0.5	24	44.3	144	111	7.76
5499988 (4284068)	<0.2	3.10	8	15	23	<0.5	15	4.35	<0.5	25	40.6	147	140	7.76
5499989 (4284069)	<0.2	3.32	1	12	15	<0.5	22	5.85	<0.5	23	41.4	135	46.5	7.28
5499990 (4284070)	<0.2	2.73	<1	9	21	<0.5	16	7.04	0.5	19	40.1	130	94.4	7.08
5499991 (4284071)	<0.2	3.08	<1	9	18	<0.5	25	6.42	0.6	22	42.3	131	1150	6.91
5499992 (4284072)	<0.2	2.98	2	13	18	<0.5	8	4.53	0.5	22	41.7	143	875	7.51

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U707990
PROJECT NO: BCP SB ZONE PHASE 2

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: Apr 22, 2013	DATE RECEIVED: Apr 19, 2013					DATE REPORTED: May 01, 2013					SAMPLE TYPE: Drill Core				
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	
Sample ID (AGAT ID)															
5499993 (4284073)	<0.2	3.14	3	20	9	0.7	7	3.55	<0.5	45	39.0	22.9	654	10.6	
5499994 (4284074)	<0.2	4.11	<1	15	33	<0.5	12	7.15	0.6	22	43.3	131	1220	7.27	
5499995 (4284075)	2.1	2.59	<1	27	51	1.0	23	9.53	1.0	21	39.3	85.6	160	5.91	
5499996 (4284076)	<0.2	1.49	7	41	18	1.0	20	10.3	1.0	44	12.6	48.0	441	4.80	
5499997 (4284077)	0.5	2.33	4	23	20	0.8	26	9.20	0.8	65	36.4	39.0	3620	5.46	
5499998 (4284078)	0.3	3.00	1	23	19	1.0	16	7.43	0.8	64	47.0	44.7	5510	6.41	
5499999 (4284079)	<0.2	1.21	7	24	21	1.1	27	8.57	1.3	51	6.7	85.3	655	3.85	
5500000 (4284080)	17.2	1.16	543	<5	43	<0.5	7	0.05	47.9	60	3.2	197	723	6.95	
5500001 (4284081)	<0.2	1.75	13	36	21	1.7	12	8.85	0.8	55	22.1	107	1610	5.60	
5500002 (4284082)	<0.2	1.30	9	36	24	1.5	8	5.99	1.3	56	8.5	105	813	6.40	
5500003 (4284083)	<0.2	3.74	4	24	15	0.9	30	4.02	0.6	38	46.7	63.2	267	10.7	
5500004 (4284084)	<0.2	3.03	6	35	22	1.4	3	6.15	0.7	40	56.2	60.8	171	10.1	
5500005 (4284085)	<0.2	2.73	11	28	19	1.2	13	4.75	<0.5	38	36.6	64.1	179	8.94	
5500006 (4284086)	<0.2	3.97	<1	24	8	0.8	10	2.62	0.5	38	43.0	70.0	138	9.89	
5500007 (4284087)	<0.2	1.83	<1	20	44	<0.5	27	11.1	0.6	24	30.1	60.6	160	7.37	
5500008 (4284088)	<0.2	3.39	7	12	8	<0.5	26	7.25	0.7	32	36.4	64.1	2550	7.33	
5500009 (4284089)	<0.2	2.65	<1	18	9	0.7	19	9.75	0.6	22	36.5	66.0	602	7.42	
5500010 (4284090)	<0.2	3.61	6	20	8	1.0	14	7.21	<0.5	30	38.6	78.8	668	7.33	
5500011 (4284091)	<0.2	2.83	8	17	17	0.6	6	7.63	0.6	24	45.7	76.6	153	7.82	
5500012 (4284092)	<0.2	2.96	11	19	15	0.7	<1	5.51	0.6	26	45.6	64.4	112	8.15	
5500013 (4284093)	<0.2	2.77	<1	20	34	0.5	16	3.01	<0.5	31	48.3	70.0	198	8.65	
5500014 (4284094)	4.7	2.91	27	24	15	0.7	3	4.48	<0.5	33	38.6	62.7	514	9.33	
5500015 (4284095)	<0.2	4.11	<1	23	14	0.7	10	2.36	0.6	35	49.2	77.1	167	9.40	
5500016 (4284096)	<0.2	4.04	<1	24	6	0.8	16	5.45	0.6	30	41.7	70.7	159	8.60	
5500017 (4284097)	<0.2	3.42	4	23	9	1.1	7	5.79	<0.5	25	38.9	77.1	162	7.98	
5500018 (4284098)	<0.2	3.36	4	20	20	0.9	15	7.67	<0.5	25	38.4	70.1	197	7.58	
5500019 (4284099)	<0.2	3.17	7	21	16	1.0	<1	6.64	0.7	28	39.1	74.1	129	7.99	
5500020 (4284100)	<0.2	0.03	7	<5	2	<0.5	<1	0.03	<0.5	19	<0.5	1.1	3.0	0.03	
5500021 (4284101)	<0.2	3.17	7	21	18	1.2	5	8.72	0.9	31	43.1	66.4	93.8	7.34	
5500022 (4284102)	<0.2	3.06	<1	26	17	1.3	16	11.8	2.2	34	44.9	51.2	125	7.14	
5500023 (4284103)	<0.2	3.55	10	18	17	0.9	23	5.74	<0.5	30	41.6	83.2	326	8.31	
5500024 (4284104)	<0.2	3.92	8	16	15	0.7	5	5.27	<0.5	26	42.1	71.7	1280	8.05	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U707990
PROJECT NO: BCP SB ZONE PHASE 2

5623 McADAM ROAD
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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Apr 22, 2013

DATE RECEIVED: Apr 19, 2013

DATE REPORTED: May 01, 2013

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
5500025 (4284105)		<0.2	4.54	5	16	13	0.8	8	4.34	0.6	28	44.0	80.5	1210	8.66
5500026 (4284106)		<0.2	4.60	<1	13	12	0.8	21	5.18	0.7	27	38.9	77.4	120	8.03
5500027 (4284107)		<0.2	4.17	7	15	10	0.8	20	5.11	0.7	27	41.0	73.0	181	8.58
5500028 (4284108)		<0.2	3.09	<1	20	14	1.1	26	7.87	0.7	29	45.1	69.8	134	8.69
5500029 (4284109)		<0.2	1.96	6	26	21	1.1	28	9.45	1.0	29	33.8	56.6	90.0	7.41
5500030 (4284110)		2.1	0.80	10	14	28	<0.5	22	15.8	2.7	25	12.9	30.2	119	3.78
5500031 (4284111)		1.0	0.76	<1	16	42	0.7	12	8.38	0.9	24	4.2	32.5	1780	4.55
5500032 (4284112)		<0.2	1.45	22	31	44	1.8	23	7.96	1.3	65	16.5	52.3	480	5.55
5500033 (4284113)		<0.2	1.34	8	27	40	1.6	7	8.53	1.3	54	15.1	45.5	2650	5.11
5500034 (4284114)		<0.2	1.56	22	39	44	2.1	20	5.53	0.5	65	15.9	52.6	390	5.68
5500035 (4284115)		<0.2	1.14	53	39	35	1.9	15	7.32	0.7	60	9.0	44.7	259	5.50
5500036 (4284116)		<0.2	1.20	34	31	23	1.4	12	3.72	0.6	30	10.1	56.6	739	6.94
5500037 (4284117)		1.2	2.01	4	21	15	1.1	7	6.31	<0.5	27	35.5	56.4	3880	6.91
5500038 (4284118)		0.3	2.45	8	26	11	1.2	28	6.23	0.7	26	42.5	82.8	254	7.22
5500039 (4284119)		0.2	2.29	6	24	13	1.1	13	6.30	0.5	30	38.9	51.8	313	7.32
5500040 (4284120)		28.6	1.09	801	10	39	<0.5	4	0.13	159	44	7.0	212	2000	10.1
5500041 (4284121)		<0.2	1.26	1	9	6	0.6	9	3.07	<0.5	14	22.2	36.8	42.0	4.10
5500042 (4284122)		<0.2	2.38	3	14	10	0.7	14	4.85	0.8	22	33.9	76.2	351	7.17
5500043 (4284123)		<0.2	2.14	2	10	6	0.5	2	3.62	<0.5	22	30.8	58.7	1360	5.65
5500044 (4284124)		<0.2	2.38	8	18	10	0.8	7	6.14	<0.5	24	37.3	77.9	266	7.24
5500045 (4284125)		<0.2	2.01	<1	11	11	0.5	<1	9.23	0.6	18	35.1	73.0	299	6.04
5500046 (4284126)		<0.2	2.01	<1	8	4	<0.5	7	4.81	<0.5	17	31.2	65.2	67.1	5.07
5500047 (4284127)		<0.2	1.44	<1	9	5	0.5	18	11.5	<0.5	9	18.9	44.7	71.9	2.93

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Apr 22, 2013	DATE RECEIVED: Apr 19, 2013					DATE REPORTED: May 01, 2013					SAMPLE TYPE: Drill Core				
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	
Sample ID (AGAT ID)															
5499961 (4284041)	5	<1	<1	0.38	14	4	0.11	1050	9.1	0.03	11.6	651	16.8	75	
5499962 (4284042)	<5	2	<1	0.54	30	24	0.08	247	5.3	0.03	1.6	61	12.0	135	
5499963 (4284043)	8	<1	<1	0.97	32	19	0.10	310	4.4	0.02	<0.5	65	19.5	327	
5499964 (4284044)	7	2	<1	1.11	30	32	0.11	296	3.5	0.03	<0.5	18	17.3	329	
5499965 (4284045)	8	2	<1	0.87	31	25	0.10	228	3.7	0.03	<0.5	44	15.6	287	
5499966 (4284046)	7	<1	<1	0.74	33	21	0.09	212	3.7	0.06	<0.5	51	13.4	233	
5499967 (4284047)	<5	3	<1	0.60	29	38	0.12	443	5.6	0.04	<0.5	91	18.7	93	
5499968 (4284048)	8	4	<1	0.60	20	16	0.63	994	7.2	0.03	15.2	437	18.9	139	
5499969 (4284049)	12	1	<1	0.29	8	18	1.51	2170	6.4	0.04	40.7	996	48.3	45	
5499970 (4284050)	11	4	<1	0.36	7	17	1.41	1980	8.6	0.04	34.2	902	30.7	51	
5499971 (4284051)	13	3	<1	0.30	8	18	1.47	2220	6.5	0.04	39.6	1020	31.5	48	
5499972 (4284052)	13	9	<1	0.31	7	14	1.17	2400	9.2	0.03	30.9	819	24.3	53	
5499973 (4284053)	12	<1	<1	0.31	7	18	1.42	2190	8.2	0.03	33.2	943	24.0	46	
5499974 (4284054)	10	<1	<1	0.35	7	21	1.78	1790	5.7	0.04	39.8	945	22.8	52	
5499975 (4284055)	13	10	<1	0.08	6	23	2.22	1640	7.5	0.06	34.8	1030	26.9	20	
5499976 (4284056)	18	3	<1	0.03	6	34	3.08	2030	10.1	0.05	50.1	959	28.9	14	
5499977 (4284057)	12	11	<1	0.30	8	12	1.06	1710	8.5	0.03	59.0	895	22.0	40	
5499978 (4284058)	14	5	<1	0.27	6	44	2.48	2080	9.3	0.04	47.8	760	25.4	44	
5499979 (4284059)	18	<1	<1	0.23	7	39	2.92	2590	8.0	0.05	72.6	935	21.2	41	
5499980 (4284060)	9	23	8	0.25	20	8	0.66	257	8.2	0.01	5.6	109	3450	13	
5499981 (4284061)	18	5	<1	0.22	7	33	2.57	2730	7.4	0.04	66.5	907	25.5	43	
5499982 (4284062)	13	6	<1	0.25	6	30	2.48	2230	8.6	0.05	61.1	908	25.1	45	
5499983 (4284063)	17	6	<1	0.14	7	34	3.08	2690	8.7	0.05	59.7	935	22.8	29	
5499984 (4284064)	15	4	<1	0.20	6	39	3.25	2630	6.3	0.05	62.0	868	25.4	38	
5499985 (4284065)	17	<1	<1	0.24	9	37	3.39	2800	7.2	0.04	65.4	1050	24.6	36	
5499986 (4284066)	20	3	<1	0.19	6	45	3.76	3300	6.3	0.03	60.9	893	29.4	34	
5499987 (4284067)	16	3	<1	0.27	8	35	3.36	2450	5.9	0.05	65.8	898	28.0	44	
5499988 (4284068)	14	<1	<1	0.21	8	29	3.12	1930	7.6	0.10	69.1	976	23.1	34	
5499989 (4284069)	15	<1	<1	0.23	7	33	3.26	2400	7.4	0.05	62.0	926	27.0	38	
5499990 (4284070)	13	<1	<1	0.27	6	27	2.61	2400	7.0	0.05	63.2	783	23.3	47	
5499991 (4284071)	14	3	3	0.25	7	28	2.52	2520	5.7	0.06	63.0	926	26.0	46	
5499992 (4284072)	15	7	<1	0.11	6	38	3.26	1790	6.1	0.08	55.5	894	27.2	25	

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Apr 22, 2013	DATE RECEIVED: Apr 19, 2013						DATE REPORTED: May 01, 2013					SAMPLE TYPE: Drill Core			
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	
Sample ID (AGAT ID)															
5499993 (4284073)	23	5	<1	0.01	12	38	3.32	1800	4.3	0.07	13.2	1960	33.5	14	
5499994 (4284074)	18	7	<1	0.30	9	35	3.19	2690	8.1	0.07	63.6	942	54.9	45	
5499995 (4284075)	12	4	<1	0.43	9	39	1.51	1730	8.8	0.04	79.2	722	24.5	66	
5499996 (4284076)	6	4	<1	0.52	18	17	0.38	1100	10.8	0.06	38.6	1840	25.0	67	
5499997 (4284077)	9	1	<1	0.47	26	20	1.02	1890	7.3	0.04	93.8	2730	28.1	73	
5499998 (4284078)	13	3	<1	0.47	26	31	1.43	1710	7.0	0.04	86.4	2500	36.6	66	
5499999 (4284079)	7	2	<1	0.50	21	26	0.13	1060	9.4	0.06	26.1	2230	25.4	68	
5500000 (4284080)	<5	6	2	0.25	27	7	0.93	204	4.0	0.01	5.2	91	2130	12	
5500001 (4284081)	6	6	<1	0.43	23	48	0.55	1140	12.1	0.08	66.7	2080	35.4	56	
5500002 (4284082)	7	4	<1	0.42	23	39	0.13	873	10.2	0.07	29.1	2000	34.2	51	
5500003 (4284083)	24	6	<1	0.15	11	75	3.90	1820	6.9	0.05	26.9	1380	40.8	34	
5500004 (4284084)	23	9	<1	0.21	12	62	2.39	1940	7.1	0.04	46.7	1440	34.7	43	
5500005 (4284085)	20	4	<1	0.08	12	56	2.83	2060	4.5	0.05	24.0	1260	30.6	19	
5500006 (4284086)	25	4	<1	0.02	10	66	5.65	2410	4.6	0.07	33.6	1310	34.3	13	
5500007 (4284087)	14	5	<1	0.02	7	21	2.00	1720	9.3	0.07	22.4	1110	18.3	13	
5500008 (4284088)	18	2	<1	0.06	9	43	2.57	2480	7.3	0.03	43.0	917	27.8	21	
5500009 (4284089)	20	6	3	0.02	5	34	2.54	2160	7.2	0.04	38.0	999	28.7	15	
5500010 (4284090)	22	<1	<1	0.04	9	62	3.13	2870	7.2	0.04	37.1	1110	29.5	17	
5500011 (4284091)	17	5	<1	0.10	7	42	3.48	2240	6.7	0.05	67.9	976	26.3	28	
5500012 (4284092)	18	8	<1	0.03	7	41	3.84	2030	6.8	0.05	65.5	1130	30.6	14	
5500013 (4284093)	19	6	2	0.14	9	46	3.78	2160	4.8	0.06	60.2	1200	37.9	34	
5500014 (4284094)	16	2	<1	0.13	10	51	3.76	2120	5.8	0.04	49.0	1020	49.1	32	
5500015 (4284095)	22	6	<1	0.17	10	74	5.57	2370	5.0	0.05	61.4	1140	47.2	39	
5500016 (4284096)	25	7	<1	0.07	7	81	4.47	2830	4.7	0.04	55.9	1090	37.9	26	
5500017 (4284097)	20	5	<1	0.11	6	92	3.36	2260	7.8	0.05	38.6	1010	28.0	33	
5500018 (4284098)	18	<1	<1	0.19	6	89	2.91	2760	7.4	0.03	38.8	1020	27.5	42	
5500019 (4284099)	18	8	<1	0.22	8	86	2.79	2070	8.2	0.03	32.0	1110	28.1	47	
5500020 (4284100)	<5	1	<1	0.01	9	<1	0.02	6	1.2	<0.01	<0.5	56	1.6	<10	
5500021 (4284101)	17	4	<1	0.24	10	95	2.52	2120	7.7	0.03	36.6	1120	30.5	51	
5500022 (4284102)	17	3	<1	0.25	13	94	2.48	2210	9.4	0.02	43.3	1180	34.3	57	
5500023 (4284103)	21	1	<1	0.16	9	73	3.38	2490	4.3	0.03	31.0	1100	41.3	37	
5500024 (4284104)	18	<1	<1	0.20	8	71	3.45	2320	4.3	0.03	35.1	1050	35.0	37	

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Apr 22, 2013	DATE RECEIVED: Apr 19, 2013						DATE REPORTED: May 01, 2013					SAMPLE TYPE: Drill Core			
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	
Sample ID (AGAT ID)	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
5500025 (4284105)	20	3	<1	0.17	10	92	4.41	2430	5.8	0.03	35.0	1090	39.0	34	
5500026 (4284106)	20	<1	<1	0.13	10	96	4.51	2340	5.4	0.03	29.5	1040	36.6	30	
5500027 (4284107)	19	5	<1	0.19	9	81	4.14	2340	6.1	0.04	33.2	1030	40.6	38	
5500028 (4284108)	16	7	<1	0.35	11	59	2.35	2190	9.3	0.04	36.4	1150	40.1	63	
5500029 (4284109)	13	2	<1	0.46	11	27	0.73	2050	8.7	0.04	34.0	1060	27.1	84	
5500030 (4284110)	9	4	1	0.32	10	7	0.19	1620	11.5	0.03	25.1	664	14.3	56	
5500031 (4284111)	8	4	<1	0.53	10	2	0.09	832	7.6	0.03	12.8	914	16.5	105	
5500032 (4284112)	7	2	<1	0.54	30	13	0.42	840	8.1	0.06	53.9	1320	47.5	98	
5500033 (4284113)	7	7	1	0.61	25	10	0.36	798	8.3	0.06	43.5	1340	34.0	114	
5500034 (4284114)	6	<1	1	0.64	29	12	0.38	630	8.3	0.07	51.8	1570	41.4	100	
5500035 (4284115)	6	7	<1	0.53	28	6	0.25	606	9.6	0.06	17.4	1310	39.9	83	
5500036 (4284116)	9	5	2	0.58	12	5	0.24	396	31.8	0.04	27.1	1050	31.0	88	
5500037 (4284117)	10	<1	<1	0.43	10	23	1.25	1500	7.6	0.04	53.6	994	22.4	79	
5500038 (4284118)	13	<1	<1	0.45	10	25	1.76	1860	5.5	0.05	51.3	1040	24.0	80	
5500039 (4284119)	13	4	<1	0.39	11	29	1.65	1450	5.5	0.05	44.4	1100	25.3	67	
5500040 (4284120)	8	19	9	0.27	20	8	0.65	255	6.0	0.01	5.6	109	3290	13	
5500041 (4284121)	<5	<1	<1	0.22	5	13	1.00	637	6.2	0.02	24.3	560	15.0	37	
5500042 (4284122)	11	7	<1	0.26	7	28	1.87	1440	4.4	0.03	38.7	823	18.6	49	
5500043 (4284123)	9	<1	<1	0.21	7	26	2.04	1060	3.3	0.03	31.8	668	16.5	41	
5500044 (4284124)	12	<1	<1	0.29	7	30	2.10	1630	4.3	0.04	41.4	877	20.8	58	
5500045 (4284125)	11	2	<1	0.18	5	30	1.30	1990	4.3	0.04	36.2	843	17.3	43	
5500046 (4284126)	10	4	<1	0.01	5	18	1.96	940	5.3	0.04	41.2	739	17.8	<10	
5500047 (4284127)	7	<1	<1	0.01	3	18	1.33	995	8.3	0.02	24.4	494	12.5	11	

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Apr 22, 2013	DATE RECEIVED: Apr 19, 2013					DATE REPORTED: May 01, 2013					SAMPLE TYPE: Drill Core				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample ID (AGAT ID)															
5499961 (4284041)	0.103	7	11.3	<10	33	43.7	<10	<10	13	0.03	<5	<5	77.7	<1	
5499962 (4284042)	0.021	<1	8.2	<10	8	23.6	<10	<10	33	<0.01	<5	13	12.4	<1	
5499963 (4284043)	0.027	3	24.2	<10	13	23.7	<10	<10	45	<0.01	<5	7	6.6	<1	
5499964 (4284044)	0.026	2	20.5	<10	14	32.6	<10	<10	39	<0.01	<5	<5	2.0	<1	
5499965 (4284045)	0.020	<1	21.5	<10	11	23.0	<10	<10	42	<0.01	14	7	7.2	<1	
5499966 (4284046)	0.051	4	21.4	<10	12	22.8	<10	<10	40	<0.01	<5	14	18.6	<1	
5499967 (4284047)	0.056	3	13.7	<10	21	31.5	<10	<10	32	<0.01	5	<5	15.2	<1	
5499968 (4284048)	0.058	<1	14.9	<10	29	54.2	<10	<10	22	0.06	6	<5	85.4	<1	
5499969 (4284049)	0.113	13	18.2	<10	65	48.6	<10	<10	7	0.08	<5	<5	223	<1	
5499970 (4284050)	0.263	10	17.2	13	41	48.3	<10	<10	<5	0.09	<5	<5	218	<1	
5499971 (4284051)	0.258	9	18.1	<10	36	53.5	<10	<10	7	0.10	<5	<5	216	<1	
5499972 (4284052)	0.219	12	13.1	<10	57	55.4	<10	<10	6	0.09	11	<5	190	<1	
5499973 (4284053)	0.278	8	15.0	<10	45	43.1	<10	<10	7	0.10	7	<5	230	<1	
5499974 (4284054)	0.076	11	19.5	13	36	47.9	<10	<10	<5	0.22	<5	<5	228	<1	
5499975 (4284055)	0.072	<1	28.9	<10	64	109	<10	<10	5	0.80	<5	<5	293	<1	
5499976 (4284056)	0.071	1	27.0	11	52	196	<10	<10	10	0.56	<5	<5	249	<1	
5499977 (4284057)	0.100	11	17.9	<10	46	102	<10	<10	8	0.10	<5	<5	120	<1	
5499978 (4284058)	0.137	3	21.3	<10	69	71.8	<10	<10	<5	0.45	<5	<5	176	<1	
5499979 (4284059)	0.112	5	22.6	<10	39	35.4	<10	<10	<5	0.27	<5	<5	204	<1	
5499980 (4284060)	>10	69	7.9	19	12	6.7	<10	<10	20	<0.01	<5	10	15.3	<1	
5499981 (4284061)	0.153	6	19.7	<10	47	51.0	<10	<10	7	0.18	<5	<5	199	<1	
5499982 (4284062)	0.101	5	27.2	<10	57	42.6	<10	<10	7	0.46	<5	<5	230	<1	
5499983 (4284063)	0.120	6	28.6	17	52	59.3	<10	<10	6	0.53	<5	<5	233	<1	
5499984 (4284064)	0.173	7	22.8	19	48	33.3	<10	<10	<5	0.32	<5	<5	198	<1	
5499985 (4284065)	0.073	7	18.7	12	28	40.1	<10	<10	<5	0.08	6	<5	169	<1	
5499986 (4284066)	0.098	5	18.4	<10	29	29.0	<10	<10	<5	0.06	8	<5	195	<1	
5499987 (4284067)	0.061	8	21.7	<10	34	44.7	<10	<10	5	0.22	<5	<5	206	<1	
5499988 (4284068)	0.053	9	26.4	15	38	59.5	<10	<10	6	0.39	<5	<5	247	<1	
5499989 (4284069)	0.065	<1	19.4	<10	38	39.3	<10	<10	<5	0.23	<5	<5	194	<1	
5499990 (4284070)	0.080	5	18.8	<10	45	37.8	<10	<10	6	0.23	<5	<5	196	<1	
5499991 (4284071)	0.095	5	21.2	<10	43	39.8	<10	<10	7	0.24	<5	<5	193	<1	
5499992 (4284072)	0.063	7	29.3	15	42	69.5	<10	<10	6	0.44	<5	<5	257	<1	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U707990
PROJECT NO: BCP SB ZONE PHASE 2

5623 McADAM ROAD
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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Apr 22, 2013	DATE RECEIVED: Apr 19, 2013					DATE REPORTED: May 01, 2013					SAMPLE TYPE: Drill Core				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
Sample ID (AGAT ID)															
5499993 (4284073)	0.050	<1	38.0	<10	72	48.5	<10	<10	10	1.07	<5	<5	341	<1	
5499994 (4284074)	0.129	12	20.2	<10	32	88.0	<10	<10	<5	0.07	<5	<5	157	<1	
5499995 (4284075)	0.110	11	14.0	<10	41	66.7	<10	<10	<5	0.02	<5	<5	112	<1	
5499996 (4284076)	0.128	11	7.6	<10	47	50.3	<10	<10	<5	0.03	<5	<5	109	<1	
5499997 (4284077)	0.185	7	7.4	<10	40	53.7	<10	<10	9	0.02	<5	<5	125	<1	
5499998 (4284078)	0.220	3	7.9	15	34	42.5	<10	<10	<5	0.02	<5	<5	127	<1	
5499999 (4284079)	0.109	8	10.3	<10	38	51.5	<10	<10	<5	0.02	12	<5	117	<1	
5500000 (4284080)	7.48	46	8.5	15	6	7.0	<10	<10	17	<0.01	<5	6	13.9	<1	
5500001 (4284081)	0.137	13	10.0	<10	39	67.9	<10	<10	<5	0.02	<5	<5	145	<1	
5500002 (4284082)	0.091	11	12.3	14	29	49.7	<10	<10	<5	0.04	<5	<5	154	<1	
5500003 (4284083)	0.047	7	36.0	<10	56	32.6	<10	<10	6	0.76	<5	<5	346	<1	
5500004 (4284084)	0.072	<1	36.7	<10	77	36.4	<10	<10	7	0.96	<5	<5	350	<1	
5500005 (4284085)	0.054	<1	38.2	<10	62	27.2	<10	<10	5	0.85	<5	<5	330	<1	
5500006 (4284086)	0.027	<1	41.5	<10	61	23.7	<10	<10	<5	1.04	<5	<5	358	<1	
5500007 (4284087)	0.134	<1	26.9	12	82	84.4	<10	<10	<5	0.66	<5	<5	219	<1	
5500008 (4284088)	0.134	<1	30.4	<10	74	100	<10	<10	<5	0.83	<5	<5	228	<1	
5500009 (4284089)	0.115	3	39.9	26	90	46.0	<10	<10	11	0.93	<5	<5	282	<1	
5500010 (4284090)	0.081	<1	31.6	<10	75	122	<10	<10	6	0.90	<5	<5	247	<1	
5500011 (4284091)	0.087	4	29.5	<10	63	71.1	<10	<10	7	0.58	<5	<5	231	<1	
5500012 (4284092)	0.060	2	30.1	17	54	81.5	<10	<10	6	0.61	<5	<5	232	<1	
5500013 (4284093)	0.035	<1	33.2	<10	48	30.6	<10	<10	5	0.65	<5	<5	283	<1	
5500014 (4284094)	0.048	<1	31.0	23	53	28.3	<10	<10	8	0.68	<5	<5	266	<1	
5500015 (4284095)	0.028	4	33.0	<10	44	28.3	<10	<10	7	0.75	<5	<5	297	<1	
5500016 (4284096)	0.059	<1	35.6	<10	67	26.4	<10	<10	6	0.88	<5	<5	298	<1	
5500017 (4284097)	0.062	<1	32.4	13	71	24.2	<10	<10	8	0.86	<5	<5	247	<1	
5500018 (4284098)	0.088	<1	26.4	19	71	33.8	<10	<10	6	0.79	<5	<5	254	<1	
5500019 (4284099)	0.076	<1	28.0	<10	59	33.8	<10	<10	8	0.65	<5	<5	228	<1	
5500020 (4284100)	0.006	<1	0.7	<10	<5	1.2	<10	<10	<5	<0.01	<5	<5	1.2	<1	
5500021 (4284101)	0.105	<1	22.1	<10	59	37.0	<10	<10	<5	0.37	<5	<5	201	<1	
5500022 (4284102)	0.146	16	18.2	<10	55	49.8	<10	<10	9	0.09	<5	<5	197	<1	
5500023 (4284103)	0.075	4	28.3	<10	43	29.5	<10	<10	8	0.37	<5	<5	263	<1	
5500024 (4284104)	0.094	8	23.4	11	41	27.5	<10	<10	6	0.32	<5	<5	215	<1	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U707990
PROJECT NO: BCP SB ZONE PHASE 2

5623 McADAM ROAD
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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Apr 22, 2013

DATE RECEIVED: Apr 19, 2013

DATE REPORTED: May 01, 2013

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	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
5500025 (4284105)		0.083	9	23.2	<10	26	29.7	<10	<10	<5	0.19	<5	<5	231	<1
5500026 (4284106)		0.056	7	23.3	<10	29	33.2	<10	<10	7	0.08	6	<5	228	<1
5500027 (4284107)		0.064	10	27.5	12	37	33.0	<10	<10	6	0.19	<5	<5	264	<1
5500028 (4284108)		0.096	9	23.6	10	41	40.9	<10	<10	7	0.10	<5	<5	255	<1
5500029 (4284109)		0.114	7	18.0	<10	42	43.6	<10	<10	<5	0.08	<5	<5	193	<1
5500030 (4284110)		0.191	12	10.3	14	76	45.7	<10	<10	<5	0.04	<5	<5	105	<1
5500031 (4284111)		0.141	11	10.9	<10	38	30.5	<10	10	<5	0.05	<5	<5	107	<1
5500032 (4284112)		0.104	11	11.3	<10	38	57.7	<10	<10	7	0.05	<5	<5	130	<1
5500033 (4284113)		0.171	10	10.5	<10	41	55.3	<10	<10	6	0.04	<5	<5	118	<1
5500034 (4284114)		0.075	14	10.2	<10	25	61.9	<10	<10	8	0.04	<5	<5	122	<1
5500035 (4284115)		0.097	18	7.9	<10	33	53.9	<10	<10	7	0.04	6	<5	133	<1
5500036 (4284116)		0.063	15	11.3	<10	17	37.1	<10	<10	<5	0.05	<5	<5	165	<1
5500037 (4284117)		0.174	7	15.2	13	25	49.4	<10	<10	<5	0.04	<5	<5	174	<1
5500038 (4284118)		0.073	13	20.6	21	31	51.9	<10	<10	8	0.07	<5	<5	220	<1
5500039 (4284119)		0.077	14	17.0	19	33	48.1	<10	<10	6	0.11	<5	<5	194	<1
5500040 (4284120)		>10	72	7.5	15	13	8.4	<10	<10	17	<0.01	<5	10	14.9	<1
5500041 (4284121)		0.030	<1	10.0	<10	16	26.3	<10	<10	<5	0.07	<5	<5	102	<1
5500042 (4284122)		0.059	4	21.3	<10	33	37.4	<10	<10	<5	0.27	<5	<5	205	<1
5500043 (4284123)		0.065	5	15.0	<10	23	30.4	<10	<10	<5	0.18	<5	<5	154	<1
5500044 (4284124)		0.067	3	22.1	<10	44	34.5	<10	<10	<5	0.37	<5	<5	216	<1
5500045 (4284125)		0.102	6	18.3	<10	59	30.2	<10	<10	<5	0.43	<5	<5	177	<1
5500046 (4284126)		0.046	<1	16.5	<10	34	80.4	<10	<10	<5	0.33	<5	<5	138	<1
5500047 (4284127)		0.125	4	12.7	<10	66	103	<10	<10	6	0.29	10	<5	83.7	<1

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U707990
PROJECT NO: BCP SB ZONE PHASE 2

5623 McADAM ROAD
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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Apr 22, 2013 DATE RECEIVED: Apr 19, 2013 DATE REPORTED: May 01, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Zn-OL % 0.01
5499961 (4284041)		50	46.3	21	
5499962 (4284042)		78	17.5	52	
5499963 (4284043)		124	27.3	159	
5499964 (4284044)		119	25.2	135	
5499965 (4284045)		117	27.2	142	
5499966 (4284046)		117	22.1	141	
5499967 (4284047)		70	12.9	88	
5499968 (4284048)		69	72.8	40	
5499969 (4284049)		20	189	<5	
5499970 (4284050)		19	167	<5	
5499971 (4284051)		20	197	<5	
5499972 (4284052)		17	149	<5	
5499973 (4284053)		16	189	<5	
5499974 (4284054)		19	203	7	
5499975 (4284055)		20	163	33	
5499976 (4284056)		19	202	28	
5499977 (4284057)		19	109	6	
5499978 (4284058)		17	266	15	
5499979 (4284059)		19	298	11	
5499980 (4284060)		12	>10000	44	3.01
5499981 (4284061)		18	271	8	
5499982 (4284062)		19	251	18	
5499983 (4284063)		20	308	20	
5499984 (4284064)		18	312	10	
5499985 (4284065)		22	305	<5	
5499986 (4284066)		16	418	<5	
5499987 (4284067)		20	244	6	
5499988 (4284068)		20	178	15	
5499989 (4284069)		19	267	9	
5499990 (4284070)		18	235	6	
5499991 (4284071)		21	273	9	
5499992 (4284072)		19	163	15	

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Apr 22, 2013 DATE RECEIVED: Apr 19, 2013 DATE REPORTED: May 01, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Zn-OL % 0.01
5499993 (4284073)		37	189	42	
5499994 (4284074)		20	202	<5	
5499995 (4284075)		17	117	<5	
5499996 (4284076)		17	41.8	<5	
5499997 (4284077)		21	183	<5	
5499998 (4284078)		29	271	<5	
5499999 (4284079)		20	39.4	<5	
5500000 (4284080)		14	8820	49	
5500001 (4284081)		20	74.4	<5	
5500002 (4284082)		21	44.3	7	
5500003 (4284083)		32	261	13	
5500004 (4284084)		32	311	20	
5500005 (4284085)		28	154	28	
5500006 (4284086)		30	142	32	
5500007 (4284087)		21	75.7	34	
5500008 (4284088)		20	237	33	
5500009 (4284089)		23	189	56	
5500010 (4284090)		21	296	43	
5500011 (4284091)		20	142	26	
5500012 (4284092)		21	144	25	
5500013 (4284093)		26	180	33	
5500014 (4284094)		26	280	21	
5500015 (4284095)		27	256	18	
5500016 (4284096)		26	273	21	
5500017 (4284097)		22	245	25	
5500018 (4284098)		22	225	17	
5500019 (4284099)		24	207	13	
5500020 (4284100)		<1	0.6	<5	
5500021 (4284101)		25	237	5	
5500022 (4284102)		27	252	<5	
5500023 (4284103)		25	332	6	
5500024 (4284104)		22	382	6	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U707990
PROJECT NO: BCP SB ZONE PHASE 2

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Apr 22, 2013 DATE RECEIVED: Apr 19, 2013 DATE REPORTED: May 01, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Zn-OL % 0.01
5500025 (4284105)		22	373	<5	
5500026 (4284106)		22	319	<5	
5500027 (4284107)		24	263	<5	
5500028 (4284108)		24	220	<5	
5500029 (4284109)		24	149	<5	
5500030 (4284110)		29	41.9	<5	
5500031 (4284111)		20	13.9	<5	
5500032 (4284112)		19	54.0	10	
5500033 (4284113)		14	55.5	12	
5500034 (4284114)		14	56.6	13	
5500035 (4284115)		17	24.6	11	
5500036 (4284116)		18	28.4	5	
5500037 (4284117)		21	154	<5	
5500038 (4284118)		20	146	<5	
5500039 (4284119)		24	105	<5	
5500040 (4284120)		11	>10000	42	3.15
5500041 (4284121)		12	71.4	<5	
5500042 (4284122)		19	157	5	
5500043 (4284123)		15	132	<5	
5500044 (4284124)		21	133	9	
5500045 (4284125)		17	158	8	
5500046 (4284126)		12	93.5	9	
5500047 (4284127)		8	66.0	13	

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U707990
PROJECT NO: BCP SB ZONE PHASE 2

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Apr 22, 2013

DATE RECEIVED: Apr 19, 2013

DATE REPORTED: May 01, 2013

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
5499961 (4284041)		1.70	0.003
5499962 (4284042)		1.46	<0.001
5499963 (4284043)		1.56	0.005
5499964 (4284044)		1.30	<0.001
5499965 (4284045)		1.36	<0.001
5499966 (4284046)		1.50	<0.001
5499967 (4284047)		0.56	<0.001
5499968 (4284048)		0.84	<0.001
5499969 (4284049)		1.76	0.005
5499970 (4284050)		1.74	0.017
5499971 (4284051)		1.44	0.015
5499972 (4284052)		1.70	0.011
5499973 (4284053)		1.60	0.016
5499974 (4284054)		1.62	0.022
5499975 (4284055)		0.94	0.005
5499976 (4284056)		0.84	0.008
5499977 (4284057)		1.32	0.010
5499978 (4284058)		0.98	0.003
5499979 (4284059)		0.80	0.005
5499980 (4284060)		0.08	1.41
5499981 (4284061)		0.74	0.006
5499982 (4284062)		0.98	0.004
5499983 (4284063)		1.82	0.035
5499984 (4284064)		1.54	0.020
5499985 (4284065)		1.70	0.011
5499986 (4284066)		1.62	0.016
5499987 (4284067)		1.64	0.002
5499988 (4284068)		1.40	0.010
5499989 (4284069)		1.62	0.008
5499990 (4284070)		1.58	0.002
5499991 (4284071)		1.38	0.014

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U707990
PROJECT NO: BCP SB ZONE PHASE 2

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Apr 22, 2013 DATE RECEIVED: Apr 19, 2013 DATE REPORTED: May 01, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
		0.01	0.001
5499992 (4284072)		1.84	0.008
5499993 (4284073)		1.68	0.007
5499994 (4284074)		1.76	0.002
5499995 (4284075)		1.54	0.031
5499996 (4284076)		1.54	0.009
5499997 (4284077)		1.54	0.004
5499998 (4284078)		1.76	0.055
5499999 (4284079)		1.58	0.121
5500000 (4284080)		0.08	0.463
5500001 (4284081)		1.32	0.005
5500002 (4284082)		1.48	0.004
5500003 (4284083)		1.42	0.020
5500004 (4284084)		1.56	0.007
5500005 (4284085)		1.76	0.009
5500006 (4284086)		1.40	0.007
5500007 (4284087)		0.88	0.003
5500008 (4284088)		1.44	0.020
5500009 (4284089)		1.68	0.007
5500010 (4284090)		1.64	0.005
5500011 (4284091)		2.88	0.006
5500012 (4284092)		2.42	0.003
5500013 (4284093)		1.64	0.005
5500014 (4284094)		0.60	0.017
5500015 (4284095)		1.72	0.002
5500016 (4284096)		1.62	0.006
5500017 (4284097)		1.52	0.002
5500018 (4284098)		1.46	0.004
5500019 (4284099)		1.70	0.002
5500020 (4284100)		0.08	<0.001
5500021 (4284101)		1.56	0.009
5500022 (4284102)		1.64	0.020

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U707990
PROJECT NO: BCP SB ZONE PHASE 2

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Apr 22, 2013 DATE RECEIVED: Apr 19, 2013 DATE REPORTED: May 01, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
		0.01	0.001
5500023 (4284103)		1.36	0.011
5500024 (4284104)		1.34	0.002
5500025 (4284105)		1.58	0.006
5500026 (4284106)		1.54	0.004
5500027 (4284107)		1.66	0.003
5500028 (4284108)		1.50	0.003
5500029 (4284109)		1.78	0.012
5500030 (4284110)		1.46	0.002
5500031 (4284111)		1.42	0.004
5500032 (4284112)		1.38	0.014
5500033 (4284113)		1.64	0.015
5500034 (4284114)		1.38	0.004
5500035 (4284115)		1.68	0.004
5500036 (4284116)		1.40	0.006
5500037 (4284117)		1.58	0.017
5500038 (4284118)		1.70	0.003
5500039 (4284119)		1.30	0.004
5500040 (4284120)		0.06	1.53
5500041 (4284121)		1.60	0.008
5500042 (4284122)		1.78	0.003
5500043 (4284123)		1.74	0.004
5500044 (4284124)		1.38	0.015
5500045 (4284125)		1.56	0.004
5500046 (4284126)		0.84	0.003
5500047 (4284127)		0.66	0.002

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	4284059	0.4	0.3	28.6%	4284066	< 0.2	< 0.2	0.0%	4284091	< 0.2	< 0.2	0.0%	4284103	< 0.2	< 0.2	0.0%
Al	4284059	3.56	3.70	3.9%	4284066	4.40	4.44	0.9%	4284091	2.83	2.93	3.5%	4284103	3.55	3.67	3.3%
As	4284059	10	8	22.2%	4284066	3	4	28.6%	4284091	8	7	13.3%	4284103	10	9	10.5%
B	4284059	13	14	7.4%	4284066	9	8	11.8%	4284091	17	14	19.4%	4284103	18	17	5.7%
Ba	4284059	16	17	6.1%	4284066	9	9	0.0%	4284091	17	17	0.0%	4284103	17	17	0.0%
Be	4284059	< 0.5	< 0.5	0.0%	4284066	< 0.5	< 0.5	0.0%	4284091	0.6	< 0.5		4284103	0.86	0.74	15.0%
Bi	4284059	12	14	15.4%	4284066	< 1	< 1	0.0%	4284091	6	5	18.2%	4284103	23	26	12.2%
Ca	4284059	6.05	6.23	2.9%	4284066	5.79	5.84	0.9%	4284091	7.63	7.91	3.6%	4284103	5.74	5.91	2.9%
Cd	4284059	< 0.5	< 0.5	0.0%	4284066	0.55	0.46	17.8%	4284091	0.58	0.52	10.9%	4284103	< 0.5	< 0.5	0.0%
Ce	4284059	22	22	0.0%	4284066	19	19	0.0%	4284091	24	23	4.3%	4284103	30	29	3.4%
Co	4284059	49.1	48.3	1.6%	4284066	54.9	54.1	1.5%	4284091	45.7	40.9	11.1%	4284103	41.6	40.8	1.9%
Cr	4284059	148	150	1.3%	4284066	158	159	0.6%	4284091	76.6	72.2	5.9%	4284103	83.2	81.6	1.9%
Cu	4284059	1940	1900	2.1%	4284066	1720	1710	0.6%	4284091	153	159	3.8%	4284103	326	333	2.1%
Fe	4284059	7.49	7.74	3.3%	4284066	8.23	8.37	1.7%	4284091	7.82	7.82	0.0%	4284103	8.31	8.36	0.6%
Ga	4284059	18	19	5.4%	4284066	20	19	5.1%	4284091	17	14	19.4%	4284103	21	19	10.0%
Hg	4284059	< 1	< 1	0.0%	4284066	3	3	0.0%	4284091	5	< 1		4284103	1	< 1	
In	4284059	< 1	< 1	0.0%	4284066	< 1	< 1	0.0%	4284091	< 1	< 1	0.0%	4284103	< 1	< 1	0.0%
K	4284059	0.232	0.246	5.9%	4284066	0.19	0.19	0.0%	4284091	0.10	0.10	0.0%	4284103	0.16	0.16	0.0%
La	4284059	7	7	0.0%	4284066	6	6	0.0%	4284091	7	7	0.0%	4284103	9	9	0.0%
Li	4284059	39	41	5.0%	4284066	45	46	2.2%	4284091	42	43	2.4%	4284103	73	74	1.4%
Mg	4284059	2.92	3.03	3.7%	4284066	3.76	3.83	1.8%	4284091	3.48	3.54	1.7%	4284103	3.38	3.41	0.9%
Mn	4284059	2590	2650	2.3%	4284066	3300	3320	0.6%	4284091	2240	2110	6.0%	4284103	2490	2440	2.0%
Mo	4284059	8.0	7.6	5.1%	4284066	6.3	5.2	19.1%	4284091	6.70	8.46	23.2%	4284103	4.3	5.2	18.9%
Na	4284059	0.05	0.05	0.0%	4284066	0.03	0.03	0.0%	4284091	0.05	0.05	0.0%	4284103	0.03	0.03	0.0%
Ni	4284059	72.6	71.7	1.2%	4284066	60.9	59.9	1.7%	4284091	67.9	63.3	7.0%	4284103	31.0	30.6	1.3%
P	4284059	935	908	2.9%	4284066	893	869	2.7%	4284091	976	923	5.6%	4284103	1100	1150	4.4%
Pb	4284059	21.2	26.3	21.5%	4284066	29.4	28.1	4.5%	4284091	26.3	28.5	8.0%	4284103	41.3	37.4	9.9%
Rb	4284059	41	43	4.8%	4284066	34	35	2.9%	4284091	28	25	11.3%	4284103	37	35	5.6%
S	4284059	0.112	0.117	4.4%	4284066	0.0982	0.100	1.8%	4284091	0.0875	0.0896	2.4%	4284103	0.075	0.074	1.3%
Sb	4284059	5	7	33.3%	4284066	5	9		4284091	4	< 1		4284103	4	5	22.2%
Sc	4284059	22.6	23.7	4.8%	4284066	18.4	18.2	1.1%	4284091	29.5	26.9	9.2%	4284103	28.3	27.5	2.9%



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

Se	4284059	< 10	< 10	0.0%	4284066	< 10	< 10	0.0%	4284091	< 10	< 10	0.0%	4284103	< 10	< 10	0.0%
Sn	4284059	39	42	7.4%	4284066	29	29	0.0%	4284091	63	67	6.2%	4284103	43	46	6.7%
Sr	4284059	35.4	37.2	5.0%	4284066	29.0	29.4	1.4%	4284091	71.1	71.5	0.6%	4284103	29.5	28.6	3.1%
Ta	4284059	< 10	< 10	0.0%	4284066	< 10	< 10	0.0%	4284091	< 10	< 10	0.0%	4284103	< 10	< 10	0.0%
Te	4284059	< 10	< 10	0.0%	4284066	< 10	< 10	0.0%	4284091	< 10	< 10	0.0%	4284103	< 10	< 10	0.0%
Th	4284059	< 5	< 5	0.0%	4284066	< 5	< 5	0.0%	4284091	7	< 5		4284103	8	7	13.3%
Ti	4284059	0.27	0.29	7.1%	4284066	0.06	0.06	0.0%	4284091	0.58	0.58	0.0%	4284103	0.37	0.38	2.7%
Tl	4284059	< 5	< 5	0.0%	4284066	8	< 5		4284091	< 5	< 5	0.0%	4284103	< 5	< 5	0.0%
U	4284059	< 5	< 5	0.0%	4284066	< 5	< 5	0.0%	4284091	< 5	< 5	0.0%	4284103	< 5	< 5	0.0%
V	4284059	204	211	3.4%	4284066	195	194	0.5%	4284091	231	217	6.3%	4284103	263	259	1.5%
W	4284059	< 1	< 1	0.0%	4284066	< 1	< 1	0.0%	4284091	< 1	< 1	0.0%	4284103	< 1	< 1	0.0%
Y	4284059	19	19	0.0%	4284066	16	16	0.0%	4284091	20	19	5.1%	4284103	25	25	0.0%
Zn	4284059	298	295	1.0%	4284066	418	411	1.7%	4284091	142	130	8.8%	4284103	332	326	1.8%
Zr	4284059	11	14	24.0%	4284066	< 5	< 5	0.0%	4284091	26	21	21.3%	4284103	6	7	15.4%

Parameter	REPLICATE #5				REPLICATE #6							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	4284116	< 0.2	< 0.2	0.0%	4284127	< 0.2	< 0.2	0.0%				
Al	4284116	1.20	1.19	0.8%	4284127	1.44	1.47	2.1%				
As	4284116	34	32	6.1%	4284127	< 1	< 1	0.0%				
B	4284116	31	33	6.3%	4284127	9	8	11.8%				
Ba	4284116	23	23	0.0%	4284127	5	6	18.2%				
Be	4284116	1.4	1.4	0.0%	4284127	0.5	0.5	0.0%				
Bi	4284116	12	10	18.2%	4284127	18	20	10.5%				
Ca	4284116	3.72	3.70	0.5%	4284127	11.5	11.9	3.4%				
Cd	4284116	0.6	0.6	0.0%	4284127	< 0.5	0.7					
Ce	4284116	30	30	0.0%	4284127	9	8	11.8%				
Co	4284116	10.1	10.3	2.0%	4284127	18.9	17.9	5.4%				
Cr	4284116	56.6	58.2	2.8%	4284127	44.7	41.7	6.9%				
Cu	4284116	739	740	0.1%	4284127	71.9	68.9	4.3%				
Fe	4284116	6.94	6.90	0.6%	4284127	2.93	3.02	3.0%				
Ga	4284116	9	9	0.0%	4284127	7	5					
Hg	4284116	5	4	22.2%	4284127	< 1	< 1	0.0%				
In	4284116	2	2	0.0%	4284127	< 1	< 1	0.0%				
K	4284116	0.58	0.58	0.0%	4284127	0.01	0.01	0.0%				



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

La	4284116	12	12	0.0%	4284127	3	3	0.0%								
Li	4284116	5	5	0.0%	4284127	18	18	0.0%								
Mg	4284116	0.24	0.24	0.0%	4284127	1.33	1.37	3.0%								
Mn	4284116	396	402	1.5%	4284127	995	989	0.6%								
Mo	4284116	31.8	29.4	7.8%	4284127	8.3	8.0	3.7%								
Na	4284116	0.04	0.04	0.0%	4284127	0.02	0.02	0.0%								
Ni	4284116	27.1	27.6	1.8%	4284127	24.4	23.4	4.2%								
P	4284116	1050	1080	2.8%	4284127	494	460	7.1%								
Pb	4284116	31.0	29.4	5.3%	4284127	12.5	13.1	4.7%								
Rb	4284116	88	90	2.2%	4284127	11	11	0.0%								
S	4284116	0.063	0.063	0.0%	4284127	0.125	0.129	3.1%								
Sb	4284116	15	16	6.5%	4284127	4	5	22.2%								
Sc	4284116	11.3	11.4	0.9%	4284127	12.7	12.2	4.0%								
Se	4284116	< 10	< 10	0.0%	4284127	< 10	< 10	0.0%								
Sn	4284116	17	16	6.1%	4284127	66	65	1.5%								
Sr	4284116	37.1	37.0	0.3%	4284127	103	103	0.0%								
Ta	4284116	< 10	< 10	0.0%	4284127	< 10	< 10	0.0%								
Te	4284116	< 10	< 10	0.0%	4284127	< 10	< 10	0.0%								
Th	4284116	< 5	< 5	0.0%	4284127	6	5	18.2%								
Ti	4284116	0.05	0.05	0.0%	4284127	0.294	0.298	1.4%								
Tl	4284116	< 5	< 5	0.0%	4284127	10	< 5									
U	4284116	< 5	< 5	0.0%	4284127	< 5	< 5	0.0%								
V	4284116	165	168	1.8%	4284127	83.7	81.0	3.3%								
W	4284116	< 1	< 1	0.0%	4284127	< 1	< 1	0.0%								
Y	4284116	18	19	5.4%	4284127	8	7	13.3%								
Zn	4284116	28.4	28.9	1.7%	4284127	66.0	61.9	6.4%								
Zr	4284116	5	5	0.0%	4284127	13	12	8.0%								

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	4284041	0.003	0.011		4284054	0.022	0.002		4284066	0.016	0.007		4284078	0.0550	0.0718	26.5%
Parameter	REPLICATE #5				REPLICATE #6				REPLICATE #7				REPLICATE #8			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	4284091	0.0056	0.0047	17.5%	4284103	0.011	0.002		4284116	0.006	0.004		4284127	0.002	0.006	



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

	CRM #1 (CU186)				CRM #2 (CU186)				CRM #3 (CU186)				CRM #4 (CU186)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag	14	14	102%	80% - 120%	14	13	94%	80% - 120%	14	13	95%	80% - 120%	14	13	95%	80% - 120%
Cu	6000	6144	102%	80% - 120%	6000	5973	100%	80% - 120%	6000	5941	99%	80% - 120%	6000	5909	98%	80% - 120%
Mo	360	379	105%	80% - 120%	360	365	101%	80% - 120%	360	362	100%	80% - 120%	360	351	97%	80% - 120%
	CRM #5 (CU186)				CRM #6 (CU186)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Ag	14	13	96%	80% - 120%	14	13	93%	80% - 120%								
Cu	6000	6071	101%	80% - 120%	6000	6001	100%	80% - 120%								
Mo	360	371	103%	80% - 120%	360	361	100%	80% - 120%								

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

	CRM #1 (CM14)				CRM #2 (1P5F)				CRM #3 (GS7E)				CRM #4 (CM14)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.792	0.85	107%	90% - 110%	1.40	1.4	100%	90% - 110%	7.4	7.8	106%	90% - 110%	0.792	0.783	99%	90% - 110%
	CRM #5 (1P5F)															
Parameter	Expect	Actual	Recovery	Limits												
Au	1.40	1.35	96%	90% - 110%												



Method Summary

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 13U707990

PROJECT NO: BCP SB ZONE PHASE 2

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
Zn-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: SUPERIOR COPPER CORPORATION
SUITE 2810-130 KING ST W, PO BOX 182
TORONTO, ON M5X1A6
(416) 479-0893

ATTENTION TO: BRUCE EDGAR

PROJECT NO: BCP-2013-SBZONE

AGAT WORK ORDER: 13U698487

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Apr 02, 2013

PAGES (INCLUDING COVER): 17

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: 13U698487
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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 20, 2013	DATE RECEIVED: Mar 20, 2013					DATE REPORTED: Apr 02, 2013					SAMPLE TYPE: Drill Core				
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	
E5499835 (4206494)	<0.2	2.37	34	13	24	0.6	14	10.0	<0.5	26	34.7	124	78.5	6.37	
E5499836 (4206495)	<0.2	2.62	15	10	27	0.6	5	8.68	<0.5	23	35.8	143	76.7	6.26	
E5499837 (4206496)	1.7	2.90	8	12	16	<0.5	10	9.66	0.6	21	42.1	137	2860	6.76	
E5499838 (4206497)	1.3	3.00	19	14	29	0.7	17	9.27	0.7	22	48.8	133	1150	7.25	
E5499839 (4206498)	1.0	2.74	8	18	23	0.8	18	8.38	<0.5	24	37.7	139	3330	7.41	
E5499840 (4206499)	28.6	0.95	894	<5	24	<0.5	5	0.15	157	42	6.8	207	1910	11.0	
E5499841 (4206500)	<0.2	3.05	10	18	21	0.8	10	6.09	<0.5	24	40.7	148	193	8.21	
E5499842 (4206501)	<0.2	0.66	23	16	30	1.0	17	10.6	<0.5	26	9.0	59.6	3680	6.60	
E5499843 (4206502)	1.3	0.84	20	30	71	2.0	13	7.96	0.8	42	4.6	30.4	7070	1.41	
E5499844 (4206503)	<0.2	0.61	73	44	40	2.0	26	16.6	1.8	52	5.1	24.1	110	7.59	
E5499845 (4206504)	<0.2	0.62	19	40	35	2.2	<1	3.13	0.6	36	4.5	65.8	69.9	11.7	
E5499846 (4206505)	<0.2	1.03	23	33	35	2.1	15	6.97	1.0	34	26.7	47.0	195	8.71	
E5499847 (4206506)	<0.2	2.20	16	30	20	1.7	11	8.19	0.7	24	52.2	113	299	7.61	
E5499848 (4206507)	<0.2	2.84	7	29	14	1.2	<1	6.00	<0.5	20	48.1	123	164	6.85	
E5499849 (4206508)	1.3	3.70	17	24	12	1.0	16	7.01	0.8	20	59.9	136	6450	7.14	
E5499850 (4206509)	<0.2	3.49	9	25	14	0.9	10	5.25	<0.5	19	49.6	123	3900	7.15	
E5499851 (4206510)	<0.2	2.98	13	23	16	0.7	15	10.9	<0.5	16	36.7	106	563	6.25	
E5499852 (4206511)	<0.2	2.81	40	17	16	0.6	2	5.13	<0.5	17	32.2	81.3	133	6.25	
E5499853 (4206512)	<0.2	3.00	24	31	14	1.2	8	8.01	0.9	21	49.7	105	154	6.53	
E5499854 (4206513)	<0.2	3.19	21	15	11	0.6	15	7.85	0.5	22	41.5	119	213	6.02	
E5499855 (4206514)	<0.2	2.20	30	37	24	1.8	<1	7.61	1.4	21	37.1	62.0	68.0	8.17	
E5499856 (4206515)	0.7	3.14	17	30	17	0.7	1	5.61	<0.5	19	38.4	131	178	6.71	
E5499857 (4206516)	>100	2.74	130	18	102	0.5	11	10.3	<0.5	18	37.4	127	462	6.32	
E5499858 (4206517)	<0.2	1.49	17	14	3560	0.7	14	12.6	<0.5	16	31.7	71.8	118	5.05	
E5499859 (4206518)	11.7	1.78	18	11	21	0.5	18	12.2	<0.5	15	36.4	115	514	5.50	
E5499860 (4206519)	<0.2	0.03	3	<5	2	<0.5	2	0.03	<0.5	16	<0.5	1.0	2.3	0.03	
E5499861 (4206520)	0.9	2.15	10	17	28	0.8	22	9.41	<0.5	17	43.6	138	55.1	5.61	
E5499862 (4206521)	<0.2	3.61	14	15	21	<0.5	19	8.61	<0.5	15	35.0	85.8	81.3	6.04	
E5499863 (4206522)	<0.2	0.86	20	10	14	<0.5	20	20.0	0.6	16	20.0	15.1	148	4.57	
E5499864 (4206523)	<0.2	2.19	9	19	22	1.0	4	12.3	0.8	35	42.9	21.6	267	8.54	
E5499865 (4206524)	<0.2	1.06	23	23	26	1.0	19	14.0	0.6	34	29.6	21.5	338	8.13	
E5499866 (4206525)	0.6	1.63	24	23	24	0.9	20	13.0	0.9	33	41.1	27.3	1090	8.68	

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 20, 2013	DATE RECEIVED: Mar 20, 2013					DATE REPORTED: Apr 02, 2013					SAMPLE TYPE: Drill Core				
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	
E5499867 (4206526)	18.2	0.52	33	13	169	<0.5	26	6.91	0.7	14	3.6	20.8	>10000	2.69	
E5499868 (4206527)	2.9	0.22	32	9	46	<0.5	42	8.74	2.2	6	2.1	49.1	9100	1.80	
E5499869 (4206528)	2.4	0.35	26	8	21	0.5	19	5.44	1.1	13	5.1	26.3	1830	2.77	
E5499870 (4206529)	1.1	0.46	34	15	24	0.6	9	8.47	<0.5	29	8.5	35.2	973	7.00	
E5499871 (4206530)	0.5	0.97	7	18	20	1.1	<1	3.05	<0.5	29	21.7	30.8	806	6.41	
E5499872 (4206531)	<0.2	1.64	15	15	31	1.3	15	5.42	<0.5	40	41.8	33.3	791	8.48	
E5499873 (4206532)	<0.2	1.55	10	18	40	1.4	6	4.30	<0.5	37	35.4	32.5	333	8.72	
E5499874 (4206533)	0.9	1.26	12	20	349	1.1	22	5.49	<0.5	24	28.4	39.1	382	6.40	
E5499875 (4206534)	0.2	1.19	35	16	13	0.7	16	10.2	<0.5	29	26.1	39.0	973	8.22	
E5499876 (4206535)	0.2	0.45	20	13	299	<0.5	19	12.3	0.6	22	5.7	24.0	434	2.93	
E5499877 (4206536)	<0.2	1.85	18	17	18	0.8	18	8.00	<0.5	34	47.3	38.7	679	8.66	
E5499878 (4206537)	1.3	1.50	14	27	15	1.0	15	4.42	0.5	22	23.2	33.5	1500	6.34	
E5499879 (4206538)	>100	0.29	76	8	6	<0.5	11	4.46	<0.5	6	1.8	10.0	>10000	2.16	
E5499880 (4206539)	17.1	1.04	567	<5	49	<0.5	6	0.06	46.9	57	3.3	189	718	7.12	
E5499881 (4206540)	3.8	1.32	22	12	26	0.9	15	5.52	0.5	25	29.8	35.6	816	6.21	
E5499882 (4206541)	1.3	2.06	12	16	17	1.1	10	3.84	<0.5	32	35.7	44.2	1160	8.34	
E5499883 (4206542)	<0.2	2.13	11	21	18	1.4	9	6.65	<0.5	39	38.5	48.8	390	9.67	
E5499884 (4206543)	0.4	2.85	9	13	13	1.1	14	9.03	0.6	37	39.1	57.8	555	9.08	
E5499885 (4206544)	2.0	2.91	13	7	40	<0.5	16	5.51	<0.5	27	42.3	65.1	3170	9.15	
E5499886 (4206545)	<0.2	2.25	9	17	14	1.1	21	6.88	<0.5	33	44.6	66.9	232	9.56	
E5499887 (4206546)	4.9	0.61	14	18	19	0.7	26	10.2	1.0	26	6.4	33.5	677	4.20	
E5499888 (4206547)	3.4	0.53	22	14	15	<0.5	25	13.5	1.1	21	6.2	18.3	1810	3.24	
E5499889 (4206548)	<0.2	2.37	7	13	13	0.8	<1	9.26	0.6	28	39.8	41.8	273	8.09	

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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 20, 2013	DATE RECEIVED: Mar 20, 2013						DATE REPORTED: Apr 02, 2013					SAMPLE TYPE: Drill Core			
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	
E5499835 (4206494)	15	8	<1	0.17	7	20	1.80	1730	8.3	0.02	34.4	905	22.5	33	
E5499836 (4206495)	15	2	<1	0.06	7	26	2.50	1420	5.5	0.03	43.3	883	21.3	18	
E5499837 (4206496)	19	3	<1	0.22	7	30	2.71	2440	4.0	0.03	50.4	820	25.2	46	
E5499838 (4206497)	16	5	<1	0.27	7	38	2.33	2000	3.5	0.04	58.2	885	28.1	53	
E5499839 (4206498)	17	5	<1	0.22	7	37	2.49	1770	4.2	0.04	44.1	905	27.4	41	
E5499840 (4206499)	7	21	6	0.24	18	7	0.65	255	5.4	0.01	5.6	86	3290	12	
E5499841 (4206500)	19	4	<1	0.22	6	36	3.28	1840	4.0	0.05	48.7	930	30.2	40	
E5499842 (4206501)	6	<1	<1	0.34	10	3	0.16	1030	5.6	0.03	21.5	910	18.8	55	
E5499843 (4206502)	5	2	<1	0.47	19	4	0.10	825	6.0	0.06	19.2	1560	13.2	71	
E5499844 (4206503)	8	1	1	0.32	22	4	0.07	1530	9.8	0.04	15.9	1790	38.0	65	
E5499845 (4206504)	7	3	<1	0.37	13	<1	0.04	253	4.6	0.05	13.1	883	41.1	59	
E5499846 (4206505)	7	4	<1	0.38	12	16	0.26	603	5.5	0.04	62.9	1560	31.6	64	
E5499847 (4206506)	11	6	<1	0.29	9	30	1.69	1290	3.7	0.05	127	820	28.9	53	
E5499848 (4206507)	14	3	<1	0.27	6	28	3.12	1490	3.3	0.08	93.4	801	23.5	43	
E5499849 (4206508)	17	<1	<1	0.23	7	48	3.54	1830	6.6	0.05	138	786	30.3	45	
E5499850 (4206509)	16	1	<1	0.24	6	38	3.66	1730	3.8	0.06	107	780	27.0	45	
E5499851 (4206510)	13	4	<1	0.20	5	41	2.98	1680	5.3	0.05	71.4	633	21.7	38	
E5499852 (4206511)	10	<1	<1	0.22	5	32	3.23	1140	7.0	0.06	73.9	588	17.0	33	
E5499853 (4206512)	13	9	<1	0.21	7	50	2.46	1080	4.8	0.05	112	792	27.3	45	
E5499854 (4206513)	14	5	<1	0.19	8	37	3.16	1370	5.0	0.03	90.9	742	27.8	39	
E5499855 (4206514)	7	<1	<1	0.28	7	40	1.74	903	5.1	0.07	98.9	800	34.7	47	
E5499856 (4206515)	15	4	<1	0.16	5	78	3.63	1490	3.2	0.05	71.9	760	21.7	26	
E5499857 (4206516)	15	4	<1	0.09	5	58	3.47	1770	5.8	0.04	66.1	805	18.9	22	
E5499858 (4206517)	8	3	8	0.23	7	22	1.23	1320	6.6	0.02	80.2	504	13.5	44	
E5499859 (4206518)	11	4	<1	0.14	4	24	1.67	1760	5.6	0.03	93.6	691	11.7	33	
E5499860 (4206519)	<5	<1	<1	0.01	7	<1	0.02	8	0.5	<0.01	<0.5	34	<0.5	<10	
E5499861 (4206520)	16	4	<1	0.08	4	32	2.22	1680	5.0	0.03	110	724	18.3	25	
E5499862 (4206521)	15	6	<1	0.09	4	45	3.13	1260	4.7	0.10	93.6	624	26.0	20	
E5499863 (4206522)	8	5	<1	0.12	7	9	0.48	1460	7.3	0.01	10.8	652	15.5	33	
E5499864 (4206523)	16	7	<1	0.21	12	27	1.01	2280	5.3	0.02	23.7	1470	29.5	45	
E5499865 (4206524)	11	6	<1	0.23	12	11	0.36	1650	9.5	0.02	20.3	1260	28.6	49	
E5499866 (4206525)	12	7	<1	0.21	12	22	0.49	1610	6.9	0.02	45.9	1370	22.9	43	

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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 20, 2013	DATE RECEIVED: Mar 20, 2013						DATE REPORTED: Apr 02, 2013					SAMPLE TYPE: Drill Core			
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	
E5499867 (4206526)	<5	2	2	0.15	6	8	0.32	436	9.1	0.01	6.2	569	14.9	24	
E5499868 (4206527)	<5	<1	<1	0.10	3	3	0.10	360	9.9	<0.01	4.7	206	12.3	23	
E5499869 (4206528)	<5	<1	<1	0.14	5	4	0.13	283	4.3	0.01	5.2	572	15.8	28	
E5499870 (4206529)	6	4	2	0.22	10	3	0.10	769	8.9	0.02	16.8	1110	20.1	38	
E5499871 (4206530)	8	2	<1	0.22	10	14	0.60	700	4.1	0.03	16.4	1020	22.2	39	
E5499872 (4206531)	13	3	<1	0.32	13	21	0.98	1280	3.8	0.03	33.1	1470	27.4	63	
E5499873 (4206532)	13	8	<1	0.29	13	22	1.13	1010	3.9	0.03	19.4	1250	24.7	61	
E5499874 (4206533)	8	7	1	0.22	8	26	0.63	885	3.8	0.02	20.5	954	17.0	37	
E5499875 (4206534)	11	7	<1	0.22	9	16	0.46	1470	7.3	0.03	22.7	1150	22.3	46	
E5499876 (4206535)	<5	3	<1	0.20	9	5	0.15	922	10.1	0.02	8.0	840	12.2	40	
E5499877 (4206536)	13	6	<1	0.21	12	26	0.65	1350	4.6	0.03	47.5	1180	25.3	39	
E5499878 (4206537)	5	2	<1	0.29	7	27	0.72	674	4.1	0.03	14.6	808	16.6	30	
E5499879 (4206538)	12	3	3	0.12	2	5	0.12	190	1.8	0.01	2.6	299	120	15	
E5499880 (4206539)	<5	9	1	0.22	25	6	0.86	207	3.6	0.01	5.2	72	2180	11	
E5499881 (4206540)	6	3	<1	0.19	9	32	0.80	760	3.8	0.02	20.2	859	29.7	30	
E5499882 (4206541)	13	7	<1	0.21	9	27	1.77	1070	4.0	0.03	18.3	1100	22.0	41	
E5499883 (4206542)	17	5	<1	0.26	11	23	1.85	1430	3.8	0.04	20.7	1320	29.6	57	
E5499884 (4206543)	19	3	<1	0.18	12	33	1.98	1860	4.5	0.03	24.6	1290	27.0	42	
E5499885 (4206544)	21	2	1	0.02	9	31	3.03	1910	2.1	0.03	32.4	1120	22.8	11	
E5499886 (4206545)	15	6	<1	0.30	11	21	1.73	1300	3.6	0.04	41.3	1160	27.7	48	
E5499887 (4206546)	<5	4	<1	0.29	10	5	0.20	1200	6.7	0.03	10.6	942	21.5	49	
E5499888 (4206547)	<5	3	<1	0.22	8	5	0.14	1080	7.6	0.02	10.3	801	17.9	38	
E5499889 (4206548)	14	<1	<1	0.23	9	28	1.28	1810	4.8	0.03	31.9	1070	21.2	45	

Certified By:



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

DATE SAMPLED: Mar 20, 2013	DATE RECEIVED: Mar 20, 2013		DATE REPORTED: Apr 02, 2013		SAMPLE TYPE: Drill Core									
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
E5499835 (4206494)	0.102	1	17.4	<10	67	80.8	<10	<10	<5	0.42	<5	<5	200	<1
E5499836 (4206495)	0.088	2	17.8	<10	53	82.4	<10	<10	<5	0.36	<5	<5	193	<1
E5499837 (4206496)	0.165	7	17.0	<10	47	46.5	<10	<10	<5	0.06	<5	<5	153	<1
E5499838 (4206497)	0.118	4	17.3	<10	46	45.3	<10	<10	<5	0.05	<5	<5	154	<1
E5499839 (4206498)	0.166	3	22.3	<10	50	36.8	<10	<10	<5	0.29	<5	<5	209	<1
E5499840 (4206499)	>10	67	6.7	<10	11	4.7	<10	<10	5	<0.01	<5	6	14.7	<1
E5499841 (4206500)	0.067	6	24.9	<10	47	34.7	<10	<10	<5	0.38	<5	<5	238	<1
E5499842 (4206501)	0.208	2	11.8	<10	49	38.0	<10	<10	<5	0.08	<5	<5	105	<1
E5499843 (4206502)	0.280	6	9.9	<10	34	41.1	<10	<10	<5	0.01	6	<5	62.7	<1
E5499844 (4206503)	0.180	17	7.3	<10	80	57.4	<10	<10	<5	0.06	<5	<5	123	<1
E5499845 (4206504)	0.033	13	11.4	17	16	31.6	<10	<10	<5	0.09	<5	<5	177	<1
E5499846 (4206505)	0.078	7	9.3	<10	33	36.1	<10	<10	<5	0.06	<5	<5	120	<1
E5499847 (4206506)	0.088	5	14.1	<10	37	52.7	<10	<10	<5	0.03	<5	<5	150	<1
E5499848 (4206507)	0.065	2	15.9	<10	35	45.5	<10	<10	<5	0.13	9	<5	164	<1
E5499849 (4206508)	0.223	8	13.3	<10	35	40.5	<10	<10	<5	0.05	<5	<5	142	<1
E5499850 (4206509)	0.143	5	15.6	<10	32	39.9	<10	<10	<5	0.17	<5	<5	168	<1
E5499851 (4206510)	0.121	7	15.2	<10	62	48.1	<10	<10	<5	0.22	<5	<5	145	<1
E5499852 (4206511)	0.054	<1	12.4	<10	37	37.4	<10	<10	<5	0.30	<5	<5	138	<1
E5499853 (4206512)	0.082	8	14.8	<10	44	77.7	<10	<10	<5	0.19	<5	<5	143	<1
E5499854 (4206513)	0.084	3	15.7	<10	46	75.4	<10	<10	<5	0.19	<5	<5	144	1
E5499855 (4206514)	0.079	10	14.5	<10	39	52.6	<10	<10	<5	0.08	<5	<5	147	<1
E5499856 (4206515)	0.054	4	20.3	<10	39	32.2	<10	<10	<5	0.29	<5	<5	181	2
E5499857 (4206516)	0.106	6	22.4	<10	62	45.6	<10	<10	<5	0.33	<5	<5	184	<1
E5499858 (4206517)	0.221	3	6.1	<10	61	206	<10	<10	<5	0.07	<5	<5	69.1	<1
E5499859 (4206518)	0.142	<1	17.0	<10	77	36.4	<10	<10	<5	0.49	<5	<5	175	<1
E5499860 (4206519)	0.008	<1	<0.5	<10	<5	0.7	<10	<10	<5	<0.01	<5	<5	<0.5	<1
E5499861 (4206520)	0.096	4	20.0	<10	73	35.4	<10	<10	<5	0.57	<5	<5	189	<1
E5499862 (4206521)	0.088	1	15.3	<10	60	61.9	<10	<10	<5	0.46	<5	<5	153	<1
E5499863 (4206522)	0.221	6	8.9	<10	93	50.2	<10	<10	<5	0.06	<5	<5	82.2	<1
E5499864 (4206523)	0.133	8	24.2	11	59	47.8	<10	<10	<5	0.06	6	<5	185	<1
E5499865 (4206524)	0.152	9	18.2	<10	68	46.5	<10	<10	<5	0.09	5	<5	162	<1
E5499866 (4206525)	0.158	14	19.6	<10	60	43.8	<10	<10	<5	0.09	<5	<5	181	<1

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U698487

PROJECT NO: BCP-2013-SBZONE

5623 McADAM ROAD
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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 20, 2013	DATE RECEIVED: Mar 20, 2013					DATE REPORTED: Apr 02, 2013					SAMPLE TYPE: Drill Core				
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	
E5499867 (4206526)	0.819	8	5.6	<10	30	22.0	<10	<10	<5	0.02	<5	<5	67.0	<1	
E5499868 (4206527)	0.390	10	2.3	<10	41	17.6	<10	<10	<5	0.02	8	<5	44.8	<1	
E5499869 (4206528)	0.121	6	4.6	<10	25	13.8	<10	<10	<5	0.04	<5	<5	81.1	<1	
E5499870 (4206529)	0.111	6	11.6	14	46	25.2	<10	<10	<5	0.13	<5	<5	194	<1	
E5499871 (4206530)	0.061	5	13.4	<10	21	23.3	<10	<10	<5	0.13	<5	<5	215	1	
E5499872 (4206531)	0.113	4	21.4	23	32	34.8	<10	<10	<5	0.17	<5	<5	265	<1	
E5499873 (4206532)	0.090	3	19.7	<10	26	31.9	<10	<10	<5	0.13	<5	<5	251	1	
E5499874 (4206533)	0.100	5	11.4	<10	29	28.5	<10	<10	<5	0.11	<5	<5	165	2	
E5499875 (4206534)	0.150	7	10.9	<10	52	27.6	<10	<10	<5	0.13	<5	<5	200	<1	
E5499876 (4206535)	0.153	9	7.3	<10	58	27.6	<10	<10	<5	0.04	<5	<5	81.0	<1	
E5499877 (4206536)	0.160	6	16.9	<10	40	30.7	<10	<10	<5	0.09	<5	<5	177	<1	
E5499878 (4206537)	0.130	1	11.6	<10	26	25.5	<10	<10	<5	0.15	<5	<5	134	<1	
E5499879 (4206538)	2.90	3	2.2	26	19	13.5	41	<10	<5	0.01	<5	<5	27.6	<1	
E5499880 (4206539)	7.59	46	7.4	<10	<5	5.1	<10	<10	8	<0.01	<5	<5	11.5	<1	
E5499881 (4206540)	0.278	6	11.0	<10	25	26.8	<10	<10	<5	0.05	<5	<5	121	<1	
E5499882 (4206541)	0.193	<1	20.2	<10	40	28.0	<10	<10	<5	0.51	<5	<5	248	<1	
E5499883 (4206542)	0.076	2	25.9	<10	58	42.3	<10	<10	<5	0.56	<5	<5	300	<1	
E5499884 (4206543)	0.107	6	29.2	<10	55	50.2	<10	<10	<5	0.29	<5	<5	286	<1	
E5499885 (4206544)	0.131	6	17.1	<10	30	38.0	<10	<10	<5	0.15	<5	<5	206	<1	
E5499886 (4206545)	0.075	5	20.3	<10	39	57.2	<10	<10	<5	0.17	<5	<5	234	<1	
E5499887 (4206546)	0.123	6	9.5	<10	50	54.0	<10	<10	<5	0.06	12	<5	119	<1	
E5499888 (4206547)	0.188	8	9.5	<10	68	39.9	<10	<10	<5	0.07	<5	<5	84.4	<1	
E5499889 (4206548)	0.101	6	19.6	<10	52	41.1	<10	<10	<5	0.19	<5	<5	198	<1	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U698487

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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 20, 2013	DATE RECEIVED: Mar 20, 2013			DATE REPORTED: Apr 02, 2013			SAMPLE TYPE: Drill Core
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Ag-Grav g/t 5	Cu-OL % 0.001	Zn-OL % 0.001
E5499835 (4206494)		17	193	16			
E5499836 (4206495)		16	160	15			
E5499837 (4206496)		19	287	<5			
E5499838 (4206497)		19	384	<5			
E5499839 (4206498)		21	284	12			
E5499840 (4206499)		10	>10000	40			3.01
E5499841 (4206500)		21	230	18			
E5499842 (4206501)		17	33.0	<5			
E5499843 (4206502)		9	20.5	<5			
E5499844 (4206503)		14	23.1	6			
E5499845 (4206504)		15	28.0	5			
E5499846 (4206505)		12	102	<5			
E5499847 (4206506)		17	248	<5			
E5499848 (4206507)		16	157	7			
E5499849 (4206508)		19	421	<5			
E5499850 (4206509)		17	260	7			
E5499851 (4206510)		15	247	8			
E5499852 (4206511)		13	102	10			
E5499853 (4206512)		16	226	9			
E5499854 (4206513)		16	111	8			
E5499855 (4206514)		18	115	<5			
E5499856 (4206515)		15	179	12			
E5499857 (4206516)		15	229	16	105		
E5499858 (4206517)		11	110	<5			
E5499859 (4206518)		14	181	17			
E5499860 (4206519)		<1	1.2	<5			
E5499861 (4206520)		13	202	24			
E5499862 (4206521)		12	136	12			
E5499863 (4206522)		15	79.5	6			
E5499864 (4206523)		29	194	5			
E5499865 (4206524)		27	75.6	7			
E5499866 (4206525)		26	117	6			

Certified By:



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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 20, 2013	DATE RECEIVED: Mar 20, 2013			DATE REPORTED: Apr 02, 2013			SAMPLE TYPE: Drill Core
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Ag-Grav g/t 5	Cu-OL % 0.001	Zn-OL % 0.001
E5499867 (4206526)		9	9.2	<5		1.67	
E5499868 (4206527)		7	7.2	<5			
E5499869 (4206528)		10	22.1	<5			
E5499870 (4206529)		22	21.7	7			
E5499871 (4206530)		18	72.7	8			
E5499872 (4206531)		28	137	8			
E5499873 (4206532)		24	92.3	8			
E5499874 (4206533)		18	95.9	9			
E5499875 (4206534)		27	97.1	9			
E5499876 (4206535)		16	22.4	6			
E5499877 (4206536)		28	135	<5			
E5499878 (4206537)		18	68.1	5			
E5499879 (4206538)		4	0.8	<5	365	28.8	
E5499880 (4206539)		13	8690	46			
E5499881 (4206540)		16	155	<5			
E5499882 (4206541)		23	111	15			
E5499883 (4206542)		31	116	18			
E5499884 (4206543)		32	227	9			
E5499885 (4206544)		23	224	5			
E5499886 (4206545)		27	137	7			
E5499887 (4206546)		20	25.3	<5			
E5499888 (4206547)		16	27.9	6			
E5499889 (4206548)		24	158	6			

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U698487

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Mar 20, 2013

DATE RECEIVED: Mar 20, 2013

DATE REPORTED: Apr 02, 2013

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5499835 (4206494)		1.36	0.018
E5499836 (4206495)		0.78	0.003
E5499837 (4206496)		2.32	0.003
E5499838 (4206497)		0.84	0.002
E5499839 (4206498)		1.42	0.003
E5499840 (4206499)		0.08	1.51
E5499841 (4206500)		1.44	0.018
E5499842 (4206501)		1.58	0.005
E5499843 (4206502)		1.50	0.041
E5499844 (4206503)		1.70	0.016
E5499845 (4206504)		1.60	0.002
E5499846 (4206505)		1.68	0.004
E5499847 (4206506)		1.56	0.002
E5499848 (4206507)		1.22	0.002
E5499849 (4206508)		1.78	0.017
E5499850 (4206509)		1.20	0.006
E5499851 (4206510)		1.46	0.002
E5499852 (4206511)		1.32	<0.001
E5499853 (4206512)		0.68	0.001
E5499854 (4206513)		0.72	0.001
E5499855 (4206514)		0.78	0.008
E5499856 (4206515)		2.22	0.002
E5499857 (4206516)		0.96	0.006
E5499858 (4206517)		0.82	<0.001
E5499859 (4206518)		1.76	0.010
E5499860 (4206519)		0.08	<0.001
E5499861 (4206520)		1.78	0.001
E5499862 (4206521)		0.62	<0.001
E5499863 (4206522)		2.50	0.004
E5499864 (4206523)		1.82	0.003
E5499865 (4206524)		1.52	0.003

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U698487
PROJECT NO: BCP-2013-SBZONE

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Mar 20, 2013 DATE RECEIVED: Mar 20, 2013 DATE REPORTED: Apr 02, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
		0.01	0.001
E5499866 (4206525)		0.88	0.003
E5499867 (4206526)		1.34	0.147
E5499868 (4206527)		1.30	0.013
E5499869 (4206528)		1.18	0.012
E5499870 (4206529)		1.54	0.004
E5499871 (4206530)		1.20	0.006
E5499872 (4206531)		1.40	0.019
E5499873 (4206532)		1.72	0.007
E5499874 (4206533)		1.50	0.003
E5499875 (4206534)		1.58	0.009
E5499876 (4206535)		1.30	0.003
E5499877 (4206536)		1.56	0.007
E5499878 (4206537)		1.46	0.009
E5499879 (4206538)		1.48	0.303
E5499880 (4206539)		0.08	0.459
E5499881 (4206540)		1.56	0.063
E5499882 (4206541)		1.64	0.030
E5499883 (4206542)		1.38	0.004
E5499884 (4206543)		1.78	0.010
E5499885 (4206544)		1.34	0.007
E5499886 (4206545)		1.56	0.021
E5499887 (4206546)		1.62	0.008
E5499888 (4206547)		1.44	0.037
E5499889 (4206548)		1.70	0.003

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	4206494	< 0.2	< 0.2	0.0%	4206506	< 0.2	< 0.2	0.0%	4206520	0.9	1.0	10.5%	4206532	< 0.2	< 0.2	0.0%
Al	4206494	2.37	2.42	2.1%	4206506	2.20	2.25	2.2%	4206520	2.15	2.33	8.0%	4206532	1.55	1.59	2.5%
As	4206494	34	29	15.9%	4206506	16	20	22.2%	4206520	10	8	22.2%	4206532	10	12	18.2%
B	4206494	13	12	8.0%	4206506	30	30	0.0%	4206520	17	13	26.7%	4206532	18	17	5.7%
Ba	4206494	24	26	8.0%	4206506	20	20	0.0%	4206520	28	28	0.0%	4206532	40	40	0.0%
Be	4206494	0.6	0.6	0.0%	4206506	1.75	1.78	1.7%	4206520	0.8	< 0.5		4206532	1.36	1.34	1.5%
Bi	4206494	14	17	19.4%	4206506	11	10	9.5%	4206520	22	18	20.0%	4206532	6	8	28.6%
Ca	4206494	10.0	10.2	2.0%	4206506	8.19	8.36	2.1%	4206520	9.41	10.2	8.1%	4206532	4.30	4.37	1.6%
Cd	4206494	< 0.5	< 0.5	0.0%	4206506	0.7	< 0.5		4206520	< 0.5	< 0.5	0.0%	4206532	< 0.5	< 0.5	0.0%
Ce	4206494	26	25	3.9%	4206506	24	25	4.1%	4206520	17	17	0.0%	4206532	37	37	0.0%
Co	4206494	34.7	34.3	1.2%	4206506	52.2	53.3	2.1%	4206520	43.6	40.9	6.4%	4206532	35.4	35.3	0.3%
Cr	4206494	124	121	2.4%	4206506	113	116	2.6%	4206520	138	136	1.5%	4206532	32.5	31.6	2.8%
Cu	4206494	78.5	80.7	2.8%	4206506	299	305	2.0%	4206520	55.1	52.8	4.3%	4206532	333	334	0.3%
Fe	4206494	6.37	6.43	0.9%	4206506	7.61	7.89	3.6%	4206520	5.61	6.36	12.5%	4206532	8.72	8.80	0.9%
Ga	4206494	15	14	6.9%	4206506	11	11	0.0%	4206520	16	14	13.3%	4206532	13	12	8.0%
Hg	4206494	8	7	13.3%	4206506	6	5	18.2%	4206520	4	3	28.6%	4206532	8	6	28.6%
In	4206494	< 1	< 1	0.0%	4206506	< 1	< 1	0.0%	4206520	< 1	< 1	0.0%	4206532	< 1	< 1	0.0%
K	4206494	0.17	0.17	0.0%	4206506	0.290	0.298	2.7%	4206520	0.08	0.09	11.8%	4206532	0.289	0.298	3.1%
La	4206494	7	7	0.0%	4206506	9	9	0.0%	4206520	4	4	0.0%	4206532	13	12	8.0%
Li	4206494	20	21	4.9%	4206506	30	31	3.3%	4206520	32	36	11.8%	4206532	22	22	0.0%
Mg	4206494	1.80	1.83	1.7%	4206506	1.69	1.75	3.5%	4206520	2.22	2.46	10.3%	4206532	1.13	1.14	0.9%
Mn	4206494	1730	1710	1.2%	4206506	1290	1320	2.3%	4206520	1680	1650	1.8%	4206532	1010	1000	1.0%
Mo	4206494	8.3	6.5	24.3%	4206506	3.71	4.28	14.3%	4206520	5.0	4.9	2.0%	4206532	3.89	3.21	19.2%
Na	4206494	0.02	0.02	0.0%	4206506	0.055	0.056	1.8%	4206520	0.031	0.036	14.9%	4206532	0.03	0.03	0.0%
Ni	4206494	34.4	34.6	0.6%	4206506	127	130	2.3%	4206520	110	106	3.7%	4206532	19.4	19.6	1.0%
P	4206494	905	895	1.1%	4206506	820	875	6.5%	4206520	724	670	7.7%	4206532	1250	1220	2.4%
Pb	4206494	22.5	22.8	1.3%	4206506	28.9	29.0	0.3%	4206520	18.3	18.2	0.5%	4206532	24.7	25.0	1.2%
Rb	4206494	33	33	0.0%	4206506	53	54	1.9%	4206520	25	25	0.0%	4206532	61	63	3.2%
S	4206494	0.102	0.105	2.9%	4206506	0.0880	0.0873	0.8%	4206520	0.096	0.100	4.1%	4206532	0.090	0.093	3.3%
Sb	4206494	1	< 1		4206506	5	7	33.3%	4206520	4	4	0.0%	4206532	3	4	28.6%
Sc	4206494	17.4	17.3	0.6%	4206506	14.1	14.4	2.1%	4206520	20.0	20.1	0.5%	4206532	19.7	19.8	0.5%



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

Se	4206494	< 10	< 10	0.0%	4206506	< 10	< 10	0.0%	4206520	< 10	< 10	0.0%	4206532	< 10	< 10	0.0%
Sn	4206494	67	66	1.5%	4206506	37	41	10.3%	4206520	73	77	5.3%	4206532	26	24	8.0%
Sr	4206494	80.8	81.9	1.4%	4206506	52.7	55.2	4.6%	4206520	35.4	37.7	6.3%	4206532	31.9	33.2	4.0%
Ta	4206494	< 10	< 10	0.0%	4206506	< 10	< 10	0.0%	4206520	< 10	< 10	0.0%	4206532	< 10	< 10	0.0%
Te	4206494	< 10	< 10	0.0%	4206506	< 10	< 10	0.0%	4206520	< 10	< 10	0.0%	4206532	< 10	< 10	0.0%
Th	4206494	< 5	< 5	0.0%	4206506	< 5	< 5	0.0%	4206520	< 5	< 5	0.0%	4206532	< 5	< 5	0.0%
Ti	4206494	0.42	0.43	2.4%	4206506	0.033	0.035	5.9%	4206520	0.57	0.63	10.0%	4206532	0.13	0.13	0.0%
Tl	4206494	< 5	< 5	0.0%	4206506	< 5	< 5	0.0%	4206520	< 5	< 5	0.0%	4206532	< 5	< 5	0.0%
U	4206494	< 5	< 5	0.0%	4206506	< 5	< 5	0.0%	4206520	< 5	< 5	0.0%	4206532	< 5	< 5	0.0%
V	4206494	200	198	1.0%	4206506	150	155	3.3%	4206520	189	191	1.1%	4206532	251	253	0.8%
W	4206494	< 1	< 1	0.0%	4206506	< 1	< 1	0.0%	4206520	< 1	< 1	0.0%	4206532	1	1	0.0%
Y	4206494	17	17	0.0%	4206506	17	17	0.0%	4206520	13	13	0.0%	4206532	24	24	0.0%
Zn	4206494	193	192	0.5%	4206506	248	254	2.4%	4206520	202	197	2.5%	4206532	92.3	90.6	1.9%
Zr	4206494	16	16	0.0%	4206506	< 5	< 5	0.0%	4206520	24	24	0.0%	4206532	8	8	0.0%

REPLICATE #5

Parameter	Sample ID	Original	Replicate	RPD												
Ag	4206544	2.0	2.1	4.9%												
Al	4206544	2.91	2.86	1.7%												
As	4206544	13	13	0.0%												
B	4206544	7	8	13.3%												
Ba	4206544	40	41	2.5%												
Be	4206544	< 0.5	< 0.5	0.0%												
Bi	4206544	16	13	20.7%												
Ca	4206544	5.51	5.44	1.3%												
Cd	4206544	< 0.5	< 0.5	0.0%												
Ce	4206544	27	26	3.8%												
Co	4206544	42.3	41.6	1.7%												
Cr	4206544	65.1	64.7	0.6%												
Cu	4206544	3170	3140	1.0%												
Fe	4206544	9.15	9.05	1.1%												
Ga	4206544	21	22	4.7%												
Hg	4206544	2	4													
In	4206544	1	< 1													
K	4206544	0.02	0.02	0.0%												



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

La	4206544	9	8	11.8%												
Li	4206544	31	31	0.0%												
Mg	4206544	3.03	3.01	0.7%												
Mn	4206544	1910	1900	0.5%												
Mo	4206544	2.1	3.5													
Na	4206544	0.03	0.03	0.0%												
Ni	4206544	32.4	31.7	2.2%												
P	4206544	1120	1080	3.6%												
Pb	4206544	22.8	24.2	6.0%												
Rb	4206544	11	11	0.0%												
S	4206544	0.131	0.127	3.1%												
Sb	4206544	6	5	18.2%												
Sc	4206544	17.1	17.1	0.0%												
Se	4206544	< 10	< 10	0.0%												
Sn	4206544	30	33	9.5%												
Sr	4206544	38.0	37.0	2.7%												
Ta	4206544	< 10	< 10	0.0%												
Te	4206544	< 10	< 10	0.0%												
Th	4206544	< 5	< 5	0.0%												
Ti	4206544	0.15	0.15	0.0%												
Tl	4206544	< 5	< 5	0.0%												
U	4206544	< 5	< 5	0.0%												
V	4206544	206	204	1.0%												
W	4206544	< 1	< 1	0.0%												
Y	4206544	23	23	0.0%												
Zn	4206544	224	218	2.7%												
Zr	4206544	5	6	18.2%												

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	4206494	0.018	0.004		4206506	0.0018	0.0014	25.0%	4206520	0.001	0.001	0.0%	4206532	0.007	0.003	
Parameter	REPLICATE #5															
	Sample ID	Original	Replicate	RPD												
Au	4206544	0.007	0.006	15.4%												



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

	CRM #1 (CU186)				CRM #2 (CU186)				CRM #3 (CU186)				CRM #4 (CU186)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag	14	13	96%	80% - 120%	14	14	98%	80% - 120%	14	14	97%	80% - 120%	14	13	91%	80% - 120%
Cu	6000	5841	97%	80% - 120%	6000	5809	97%	80% - 120%	6000	5830	97%	80% - 120%	6000	5611	94%	80% - 120%
Mo	360	350	97%	80% - 120%	360	346	96%	80% - 120%	360	347	96%	80% - 120%	360	330	92%	80% - 120%

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

	CRM #1 (1P5F)				CRM #2 (CM14)				CRM #3 (GS7E)				CRM #4 (CM14)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.40	1.49	107%	90% - 110%	0.792	0.816	103%	90% - 110%	7.4	7.4	100%	90% - 110%	0.792	0.812	103%	90% - 110%
	CRM #5 (GS7E)															
Parameter	Expect	Actual	Recovery	Limits												
Au	7.4	7.5	102%	90% - 110%												



Method Summary

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 13U698487

PROJECT NO: BCP-2013-SBZONE

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-200-12020		ICP/OES
Ag-Grav			GRAVIMETRIC
Zn-OL	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE

Method Summary

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 13U698487

PROJECT NO: BCP-2013-SBZONE

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
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TORONTO, ON M5X1A6
(416) 479-0893

ATTENTION TO: BRUCE EDGAR

PROJECT NO:

AGAT WORK ORDER: 13U691238

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Mar 05, 2013

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

AGAT WORK ORDER: 13U691238

PROJECT NO:

5623 McADAM ROAD
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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 25, 2013	DATE RECEIVED: Feb 22, 2013					DATE REPORTED: Mar 05, 2013					SAMPLE TYPE: Drill Core				
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	
E5499730 (4152937)	0.8	3.16	12	12	27	0.6	12	7.35	<0.5	26	40.2	67.6	91.5	7.83	
E5499731 (4152938)	0.2	3.02	10	7	20	0.5	20	7.56	<0.5	23	47.7	60.4	183	8.65	
E5499732 (4152939)	0.8	2.69	13	11	18	0.7	10	9.65	<0.5	24	37.4	48.0	125	7.12	
E5499733 (4152940)	<0.2	3.02	9	<5	26	0.8	23	4.31	<0.5	29	40.4	64.0	229	8.13	
E5499734 (4152941)	0.4	2.52	13	7	27	1.3	21	10.2	<0.5	29	42.4	75.8	1420	6.13	
E5499735 (4152942)	<0.2	1.91	31	12	679	1.6	20	8.55	<0.5	47	38.4	64.3	>10000	4.33	
E5499736 (4152943)	15.4	1.78	31	37	57	2.6	13	3.70	<0.5	64	2.3	21.7	388	3.06	
E5499737 (4152944)	1.0	1.86	29	27	43	2.7	12	3.11	<0.5	76	2.0	50.5	99.9	1.30	
E5499738 (4152945)	1.1	0.79	34	17	21	2.3	11	2.08	<0.5	63	1.3	25.0	334	1.34	
E5499739 (4152946)	2.0	0.70	77	23	37	2.6	9	2.54	<0.5	52	1.5	49.1	3650	3.65	
E5499740 (4152947)	<0.2	0.04	4	<5	3	<0.5	4	0.05	<0.5	18	1.0	1.4	12.5	0.06	
E5499741 (4152948)	17.3	0.96	89	13	36	1.9	31	13.2	<0.5	19	12.3	30.3	5330	2.08	
E5499742 (4152949)	1.8	2.98	13	13	56	2.0	16	8.98	<0.5	30	44.6	101	916	6.09	
E5499743 (4152950)	1.2	2.63	12	11	74	1.6	9	8.70	<0.5	31	42.0	82.8	437	6.79	
E5499744 (4152951)	1.4	1.96	11	<5	66	1.2	13	9.03	<0.5	29	44.7	67.8	881	5.45	
E5499745 (4152952)	1.5	1.23	16	8	38	1.2	17	9.02	<0.5	33	22.4	41.2	1420	3.79	
E5499746 (4152953)	70.7	0.96	37	13	23	1.3	31	14.8	<0.5	18	17.3	37.2	2760	3.86	
E5499747 (4152954)	29.8	0.43	75	<5	41	<0.5	32	9.84	<0.5	12	6.4	36.5	>10000	5.15	
E5499748 (4152955)	10.4	2.14	15	12	26	1.0	10	8.32	<0.5	36	43.2	61.9	1720	6.63	
E5499749 (4152956)	7.7	3.53	16	13	36	0.8	31	6.27	<0.5	25	48.4	106	7910	8.32	
E5499750 (4152957)	0.6	2.37	22	12	52	1.4	8	10.1	<0.5	56	25.3	58.2	545	5.43	
E5499751 (4152958)	0.7	3.02	45	18	74	2.0	5	6.64	<0.5	110	26.7	27.4	751	6.83	
E5499752 (4152959)	0.2	4.00	6	17	31	1.5	12	6.33	<0.5	32	46.6	82.7	180	7.56	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U691238

PROJECT NO:

5623 McADAM ROAD
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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 25, 2013	DATE RECEIVED: Feb 22, 2013						DATE REPORTED: Mar 05, 2013					SAMPLE TYPE: Drill Core			
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	
E5499730 (4152937)	15	2	<1	0.53	9	26	2.07	1600	10.0	0.05	51.4	1110	20.3	91	
E5499731 (4152938)	16	3	<1	0.29	8	32	2.56	1700	8.3	0.05	62.7	958	21.4	52	
E5499732 (4152939)	14	<1	<1	0.32	9	33	1.81	1530	8.0	0.07	50.8	1030	21.4	63	
E5499733 (4152940)	13	3	<1	0.10	9	20	1.70	1340	7.6	0.37	51.2	1270	17.7	21	
E5499734 (4152941)	12	<1	<1	0.40	13	25	1.02	2520	8.8	0.09	58.1	954	21.2	87	
E5499735 (4152942)	11	<1	8	0.57	22	16	0.49	1670	7.4	0.04	62.4	710	15.7	151	
E5499736 (4152943)	8	1	<1	0.82	35	7	0.09	452	5.2	0.05	3.5	71	19.6	161	
E5499737 (4152944)	8	<1	<1	0.93	34	17	0.08	435	4.2	0.04	3.8	47	18.3	279	
E5499738 (4152945)	<5	<1	<1	0.45	22	15	0.04	219	3.7	0.04	1.6	22	11.8	134	
E5499739 (4152946)	<5	<1	<1	0.42	23	4	0.04	303	6.0	0.04	2.1	43	13.9	77	
E5499740 (4152947)	<5	<1	<1	0.02	8	<1	0.02	16	2.6	<0.01	0.6	38	1.2	<10	
E5499741 (4152948)	6	<1	<1	0.44	10	15	0.32	705	7.9	0.04	17.6	471	10.6	117	
E5499742 (4152949)	13	2	<1	0.42	13	77	2.41	1250	6.8	0.09	52.4	938	20.1	82	
E5499743 (4152950)	14	2	<1	0.45	12	95	1.67	1980	8.6	0.08	51.6	927	22.6	85	
E5499744 (4152951)	11	1	<1	0.55	12	65	0.95	1720	7.1	0.04	60.6	1050	19.0	131	
E5499745 (4152952)	7	4	<1	0.56	14	14	0.36	912	6.7	0.04	33.5	1330	16.5	127	
E5499746 (4152953)	7	<1	<1	0.44	9	9	0.29	1460	7.8	0.03	28.5	398	19.7	132	
E5499747 (4152954)	15	3	4	0.35	6	1	0.06	439	7.2	0.02	7.7	436	93.2	87	
E5499748 (4152955)	12	2	<1	0.52	14	37	1.31	2450	7.5	0.06	50.1	1430	21.1	118	
E5499749 (4152956)	18	3	<1	0.37	9	62	2.15	2180	7.0	0.11	63.1	1020	22.6	69	
E5499750 (4152957)	13	3	<1	0.21	26	88	2.17	1490	6.3	0.02	32.9	1820	23.5	40	
E5499751 (4152958)	18	3	<1	0.28	49	100	2.56	1750	7.1	0.02	25.8	3420	27.4	52	
E5499752 (4152959)	19	6	<1	0.38	11	53	3.91	1990	7.1	0.05	117	916	23.3	89	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U691238

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: Feb 25, 2013	DATE RECEIVED: Feb 22, 2013					DATE REPORTED: Mar 05, 2013					SAMPLE TYPE: Drill Core				
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	
E5499730 (4152937)	0.083	8	24.1	<10	40	94.0	<10	<10	15	0.08	13	<5	195	<1	
E5499731 (4152938)	0.087	8	25.8	13	37	107	<10	<10	15	0.05	11	<5	205	<1	
E5499732 (4152939)	0.105	11	21.6	<10	48	78.1	<10	<10	16	0.05	11	<5	156	<1	
E5499733 (4152940)	0.051	4	21.6	10	32	84.1	<10	<10	16	0.21	23	<5	196	<1	
E5499734 (4152941)	0.143	4	19.1	<10	56	70.3	<10	<10	12	0.11	9	<5	148	<1	
E5499735 (4152942)	0.551	5	13.4	<10	39	50.8	<10	<10	17	0.01	<5	10	67.1	<1	
E5499736 (4152943)	0.042	2	13.4	<10	19	30.4	<10	<10	38	<0.01	<5	7	7.6	<1	
E5499737 (4152944)	0.034	2	23.5	<10	17	23.8	<10	<10	46	<0.01	<5	5	5.4	<1	
E5499738 (4152945)	0.024	2	11.7	<10	12	21.2	<10	<10	36	<0.01	6	10	18.9	<1	
E5499739 (4152946)	0.025	5	4.8	<10	13	23.7	<10	<10	30	<0.01	<5	9	19.6	<1	
E5499740 (4152947)	0.010	2	0.5	<10	<5	1.8	<10	<10	<5	<0.01	<5	<5	1.1	<1	
E5499741 (4152948)	0.144	7	6.3	<10	60	49.7	<10	<10	11	<0.01	<5	<5	58.6	<1	
E5499742 (4152949)	0.094	8	14.4	<10	44	64.8	<10	<10	13	0.03	<5	<5	151	<1	
E5499743 (4152950)	0.092	10	14.7	<10	43	62.9	<10	<10	13	0.04	7	<5	153	<1	
E5499744 (4152951)	0.095	7	14.0	<10	42	40.9	<10	<10	12	0.04	5	<5	124	<1	
E5499745 (4152952)	0.099	5	11.1	<10	42	40.2	<10	<10	8	0.01	5	<5	97.4	<1	
E5499746 (4152953)	0.164	13	7.3	<10	67	52.8	<10	<10	16	<0.01	<5	8	67.1	<1	
E5499747 (4152954)	2.77	9	4.2	16	45	72.8	28	<10	10	0.01	<5	<5	70.5	<1	
E5499748 (4152955)	0.131	5	21.1	<10	47	48.2	<10	<10	15	0.13	<5	<5	183	<1	
E5499749 (4152956)	0.257	7	25.1	<10	35	62.0	<10	<10	15	0.15	<5	<5	226	<1	
E5499750 (4152957)	0.104	2	9.5	<10	54	63.9	<10	<10	13	0.18	14	<5	86.0	<1	
E5499751 (4152958)	0.070	3	9.6	<10	46	88.1	<10	<10	17	0.29	6	7	75.1	<1	
E5499752 (4152959)	0.065	<1	20.1	<10	60	58.1	<10	<10	15	0.65	7	<5	184	<1	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U691238

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 25, 2013 DATE RECEIVED: Feb 22, 2013 DATE REPORTED: Mar 05, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Cu-OL % 0.01
E5499730 (4152937)		23	106	<5	
E5499731 (4152938)		22	128	<5	
E5499732 (4152939)		23	102	6	
E5499733 (4152940)		25	83.2	18	
E5499734 (4152941)		32	155	7	
E5499735 (4152942)		50	145	20	1.75
E5499736 (4152943)		73	20.0	85	
E5499737 (4152944)		111	21.9	155	
E5499738 (4152945)		83	10.5	77	
E5499739 (4152946)		47	10.8	30	
E5499740 (4152947)		1	2.6	<5	
E5499741 (4152948)		27	45.3	10	
E5499742 (4152949)		33	191	<5	
E5499743 (4152950)		32	258	<5	
E5499744 (4152951)		27	205	<5	
E5499745 (4152952)		32	59.0	<5	
E5499746 (4152953)		27	48.0	17	
E5499747 (4152954)		13	<0.5	5	13.9
E5499748 (4152955)		33	158	7	
E5499749 (4152956)		24	314	<5	
E5499750 (4152957)		16	164	<5	
E5499751 (4152958)		23	201	<5	
E5499752 (4152959)		18	206	32	

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U691238

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

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

DATE SAMPLED: Feb 25, 2013 DATE RECEIVED: Feb 22, 2013 DATE REPORTED: Mar 05, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5499730 (4152937)		1.48	0.011
E5499731 (4152938)		1.34	0.003
E5499732 (4152939)		0.74	0.004
E5499733 (4152940)		1.58	0.004
E5499734 (4152941)		1.34	0.002
E5499735 (4152942)		0.86	0.091
E5499736 (4152943)		1.00	0.005
E5499737 (4152944)		1.26	<0.001
E5499738 (4152945)		1.30	0.002
E5499739 (4152946)		1.38	0.004
E5499740 (4152947)		0.10	<0.001
E5499741 (4152948)		0.74	0.092
E5499742 (4152949)		1.32	0.003
E5499743 (4152950)		0.88	0.003
E5499744 (4152951)		1.30	0.015
E5499745 (4152952)		0.80	0.034
E5499746 (4152953)		0.88	0.815
E5499747 (4152954)		1.46	0.810
E5499748 (4152955)		1.32	0.009
E5499749 (4152956)		1.66	0.046
E5499750 (4152957)		1.32	0.013
E5499751 (4152958)		1.60	0.016
E5499752 (4152959)		1.56	0.002

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	4152937	0.76	0.61	21.9%	4152949	1.8	1.8	0.0%								
Al	4152937	3.16	3.14	0.6%	4152949	2.98	3.04	2.0%								
As	4152937	12	11	8.7%	4152949	13	16	20.7%								
B	4152937	12	12	0.0%	4152949	13	14	7.4%								
Ba	4152937	27	27	0.0%	4152949	56	58	3.5%								
Be	4152937	0.6	0.6	0.0%	4152949	2.0	2.0	0.0%								
Bi	4152937	12	18		4152949	16	15	6.5%								
Ca	4152937	7.35	7.32	0.4%	4152949	8.98	9.18	2.2%								
Cd	4152937	< 0.5	< 0.5	0.0%	4152949	< 0.5	< 0.5	0.0%								
Ce	4152937	26	25	3.9%	4152949	30	30	0.0%								
Co	4152937	40.2	39.6	1.5%	4152949	44.6	43.9	1.6%								
Cr	4152937	67.6	67.3	0.4%	4152949	101	104	2.9%								
Cu	4152937	91.5	92.1	0.7%	4152949	916	859	6.4%								
Fe	4152937	7.83	7.73	1.3%	4152949	6.09	6.19	1.6%								
Ga	4152937	15	16	6.5%	4152949	13	13	0.0%								
Hg	4152937	2	< 1		4152949	2	2	0.0%								
In	4152937	< 1	< 1	0.0%	4152949	< 1	< 1	0.0%								
K	4152937	0.53	0.53	0.0%	4152949	0.42	0.43	2.4%								
La	4152937	9	9	0.0%	4152949	13	13	0.0%								
Li	4152937	26	26	0.0%	4152949	77	77	0.0%								
Mg	4152937	2.07	2.04	1.5%	4152949	2.41	2.45	1.6%								
Mn	4152937	1600	1600	0.0%	4152949	1250	1250	0.0%								
Mo	4152937	9.98	7.49	28.5%	4152949	6.84	7.63	10.9%								
Na	4152937	0.05	0.05	0.0%	4152949	0.09	0.09	0.0%								
Ni	4152937	51.4	50.9	1.0%	4152949	52.4	52.3	0.2%								
P	4152937	1110	1110	0.0%	4152949	938	968	3.1%								
Pb	4152937	20.3	21.9	7.6%	4152949	20.1	19.3	4.1%								
Rb	4152937	91	90	1.1%	4152949	82	84	2.4%								
S	4152937	0.0828	0.0815	1.6%	4152949	0.094	0.096	2.1%								
Sb	4152937	8	12		4152949	8	9	11.8%								
Sc	4152937	24.1	24.4	1.2%	4152949	14.4	14.5	0.7%								



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

Se	4152937	< 10	< 10	0.0%	4152949	< 10	< 10	0.0%											
Sn	4152937	40	37	7.8%	4152949	44	44	0.0%											
Sr	4152937	94.0	92.7	1.4%	4152949	64.8	67.9	4.7%											
Ta	4152937	< 10	< 10	0.0%	4152949	< 10	< 10	0.0%											
Te	4152937	< 10	< 10	0.0%	4152949	< 10	< 10	0.0%											
Th	4152937	15	14	6.9%	4152949	13	12	8.0%											
Ti	4152937	0.08	0.08	0.0%	4152949	0.033	0.036	8.7%											
Tl	4152937	13	9		4152949	< 5	< 5	0.0%											
U	4152937	< 5	< 5	0.0%	4152949	< 5	< 5	0.0%											
V	4152937	195	196	0.5%	4152949	151	153	1.3%											
W	4152937	< 1	< 1	0.0%	4152949	< 1	< 1	0.0%											
Y	4152937	23	23	0.0%	4152949	33	33	0.0%											
Zn	4152937	106	106	0.0%	4152949	191	189	1.1%											
Zr	4152937	< 5	7		4152949	< 5	< 5	0.0%											

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3										
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD							
Au	4152937	0.011	0.004		4152949	0.003	0.006		4152959	0.002	0.003								



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

Parameter	CRM #1 (CU186)				CRM #2 (CU186)									
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits						
Ag	14	15	108%	80% - 120%	14	15	104%	80% - 120%						
Cu	6000	6540	109%	80% - 120%	6000	6414	107%	80% - 120%						
Mo	360	384	107%	80% - 120%	360	383	106%	80% - 120%						

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

Parameter	CRM #1 (GS7E)				CRM #2 (CM14)									
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits						
Au	7.4	7.8	105%	90% - 110%	0.792	0.806	102%	90% - 110%						



Method Summary

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 13U691238

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
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
(416) 479-0893

ATTENTION TO: BRUCE EDGAR

PROJECT NO:

AGAT WORK ORDER: 13U688275

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Feb 20, 2013

PAGES (INCLUDING COVER): 4

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: 13U688275

PROJECT NO:

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

Miscellaneous Techniques - Specific Gravity (201049)

DATE SAMPLED: Feb 13, 2013 DATE RECEIVED: Feb 13, 2013 DATE REPORTED: Feb 20, 2013 SAMPLE TYPE: Drill Core

Sample Description	Analyte:	Sample Login Weight	Specific Gravity
	Unit:	kg	g/cm3
	RDL:	0.01	0.01
E520600		0.40	2.90
E520601		0.40	3.24
E520602		0.34	3.19
E520603		0.38	3.07
E520604		0.28	3.06
E520605		0.76	3.17
E520606		0.36	2.77
E520607		0.16	3.04

Comments: RDL - Reported Detection Limit

Certified By:



Quality Assurance

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 13U688275

PROJECT NO:

ATTENTION TO: BRUCE EDGAR

Solid Analysis												
RPT Date: Feb 20, 2013			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	

Miscellaneous Techniques - Specific Gravity (201049)

Specific Gravity	1	4130832	2.90	2.93	1.0%	< 0.01	6.94	7.00	99%	80%	120%
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Certified By: _____



Method Summary

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 13U688275

PROJECT NO:

ATTENTION TO: BRUCE EDGAR

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Specific Gravity	MIN-200-12024	ASTM D5550-06	Pychnometer



CLIENT NAME: SUPERIOR COPPER CORPORATION
SUITE 2810-130 KING ST W, PO BOX 182
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(416) 479-0893

ATTENTION TO: BRUCE EDGAR

PROJECT NO:

AGAT WORK ORDER: 13U687868

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Feb 26, 2013

PAGES (INCLUDING COVER): 21

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: 13U687868

PROJECT NO:

5623 McADAM ROAD
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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 12, 2013	DATE RECEIVED: Feb 13, 2013		DATE REPORTED: Feb 26, 2013		SAMPLE TYPE: Drill Core									
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
E5499660 (4128016)	1.6	2.15	12	24	26	1.3	31	5.06	1.4	30	40.9	40.0	209	8.03
E5499661 (4128017)	<0.2	2.06	<1	7	16	1.6	15	3.38	1.3	33	35.9	49.3	221	8.14
E5499662 (4128018)	<0.2	2.69	<1	18	12	1.0	25	4.84	1.2	24	43.5	64.4	173	8.06
E5499663 (4128019)	<0.2	2.34	<1	8	14	1.2	12	2.37	0.7	29	38.0	47.7	795	7.24
E5499664 (4128020)	<0.2	2.28	2	6	14	1.1	17	2.71	1.1	28	40.5	37.8	301	7.18
E5499665 (4128021)	<0.2	3.33	6	6	16	1.5	30	6.52	1.5	28	55.4	71.8	398	8.21
E5499666 (4128022)	<0.2	1.91	7	8	19	1.5	13	7.99	1.2	25	38.4	67.7	270	7.10
E5499667 (4128023)	<0.2	2.86	<1	<5	8	1.6	12	3.88	1.0	24	44.4	83.8	304	7.09
E5499668 (4128024)	<0.2	2.60	9	9	28	1.7	22	6.38	1.5	19	49.5	71.1	255	7.16
E5499669 (4128025)	<0.2	1.80	8	<5	26	0.9	27	12.7	1.4	18	31.9	50.0	172	4.93
E5499670 (4128026)	16.9	0.98	563	<5	43	<0.5	16	0.05	45.1	56	3.1	183	723	6.76
E5499671 (4128027)	<0.2	1.89	<1	6	4	1.6	15	4.33	0.8	20	29.8	86.0	1290	4.17
E5499672 (4128028)	<0.2	1.50	<1	<5	5	1.5	16	4.16	0.6	20	14.5	94.6	960	4.28
E5499673 (4128029)	<0.2	2.76	2	8	4	1.7	24	3.90	0.9	23	39.4	84.5	1140	5.97
E5499674 (4128030)	<0.2	2.86	<1	<5	3	1.4	14	3.69	<0.5	20	38.3	92.6	386	5.45
E5499675 (4128031)	<0.2	2.34	<1	7	3	1.8	13	3.85	1.0	21	34.3	98.5	587	5.33
E5499676 (4128032)	<0.2	2.45	<1	7	4	2.0	10	3.11	0.8	25	31.9	103	906	6.03
E5499677 (4128033)	<0.2	2.39	2	8	7	1.8	24	4.43	1.0	20	37.3	103	1030	5.82
E5499678 (4128034)	<0.2	2.49	2	8	9	1.6	20	4.41	1.0	20	32.0	99.6	252	5.50
E5499679 (4128035)	<0.2	1.93	13	5	17	1.4	25	9.31	1.3	19	27.4	73.8	382	5.52
E5499680 (4128036)	<0.2	2.29	12	9	28	1.9	14	8.69	1.4	18	39.1	88.1	655	5.99
E5499681 (4128037)	12.3	1.45	3	5	11	1.1	20	8.12	<0.5	16	11.5	103	317	2.43
E5499682 (4128038)	<0.2	2.62	<1	<5	7	1.2	11	3.81	<0.5	23	37.2	94.1	426	6.77
E5499683 (4128039)	0.4	2.02	3	<5	4	1.2	17	3.27	<0.5	23	26.6	123	2240	5.18
E5499684 (4128040)	<0.2	1.85	3	<5	63	0.9	12	1.79	0.8	28	33.5	68.9	442	6.33
E5499685 (4128041)	<0.2	2.44	2	6	42	1.1	14	1.98	0.8	30	39.9	64.0	364	7.28
E5499686 (4128042)	<0.2	2.51	<1	7	20	1.1	18	3.81	0.8	22	39.6	107	737	6.52
E5499687 (4128043)	0.3	1.84	<1	5	6	1.1	9	5.01	<0.5	17	19.6	101	497	3.32
E5499688 (4128044)	<0.2	2.96	<1	8	5	1.2	10	3.05	0.8	22	45.7	106	330	6.42
E5499689 (4128045)	<0.2	2.89	<1	6	11	1.0	24	2.18	1.0	23	46.2	75.3	226	6.66
E5499690 (4128046)	<0.2	3.18	2	10	6	1.2	21	2.45	1.0	23	49.5	97.0	3650	5.51
E5499691 (4128047)	<0.2	3.57	4	<5	5	0.9	21	2.26	0.7	21	56.7	114	973	6.92

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U687868

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 12, 2013

DATE RECEIVED: Feb 13, 2013

DATE REPORTED: Feb 26, 2013

SAMPLE TYPE: Drill Core

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
E5499692 (4128048)	<0.2	2.65	3	6	4	1.0	14	3.72	0.7	21	39.4	109	1920	5.40
E5499693 (4128049)	<0.2	3.37	<1	7	5	1.0	18	2.01	1.0	21	52.4	114	215	5.83
E5499694 (4128050)	<0.2	2.91	3	7	5	1.2	17	4.20	0.9	21	44.2	82.8	773	5.18
E5499695 (4128051)	<0.2	2.29	2	7	10	1.3	17	6.40	0.7	16	34.1	111	270	5.73
E5499696 (4128052)	<0.2	2.32	3	10	13	1.4	23	7.56	1.4	14	41.6	77.3	46.9	6.41
E5499697 (4128053)	<0.2	1.74	2	6	11	1.1	11	6.26	0.7	16	26.7	57.1	53.6	5.32
E5499698 (4128054)	<0.2	1.72	13	8	9	1.0	20	11.8	1.0	14	27.5	70.3	155	4.78
E5499699 (4128055)	<0.2	1.95	9	11	14	1.6	19	13.5	1.1	18	25.1	66.6	58.6	6.29
E5499700 (4128056)	28.4	0.91	846	<5	13	<0.5	33	0.12	145	40	6.9	199	1900	10.3
E5499701 (4128057)	<0.2	2.02	6	7	11	1.3	20	13.6	1.2	16	30.6	81.4	44.2	5.96
E5499702 (4128058)	<0.2	2.00	6	5	20	1.4	23	11.4	0.9	16	30.6	88.0	34.4	6.86
E5499703 (4128059)	<0.2	2.46	8	7	15	1.4	19	7.77	0.8	20	40.3	80.1	81.8	5.97
E5499704 (4128060)	<0.2	3.16	<1	9	14	1.2	10	3.63	1.0	21	43.6	99.3	252	6.74
E5499705 (4128061)	<0.2	2.95	2	<5	8	0.9	15	3.19	0.6	21	42.0	97.2	190	6.59
E5499706 (4128062)	<0.2	3.16	<1	<5	4	1.3	11	3.35	0.7	22	46.4	104	340	6.98
E5499707 (4128063)	<0.2	3.78	<1	<5	4	1.1	21	5.30	1.1	21	57.2	97.6	626	6.87
E5499708 (4128064)	<0.2	4.51	10	5	17	1.1	18	3.84	0.7	18	68.4	102	383	8.12
E5499709 (4128065)	<0.2	3.82	6	<5	14	1.1	12	3.19	0.8	18	64.7	96.1	303	7.24
E5499710 (4128066)	0.2	2.69	11	6	12	1.0	15	6.61	0.7	15	41.3	83.9	146	4.83
E5499711 (4128067)	0.2	4.66	6	7	12	0.9	22	2.23	3.3	22	88.6	119	3910	9.54
E5499712 (4128068)	<0.2	5.07	2	<5	9	1.1	24	1.98	1.0	25	60.3	110	1490	8.89
E5499713 (4128069)	0.6	3.98	<1	12	10	1.0	13	3.23	1.2	24	50.1	105	705	6.52
E5499714 (4128070)	<0.2	3.10	<1	10	13	1.0	18	4.74	0.9	24	35.3	90.9	1090	5.70
E5499715 (4128071)	0.6	2.18	12	12	23	1.0	18	8.39	1.1	35	35.0	82.4	237	6.03
E5499716 (4128072)	<0.2	2.04	16	20	24	1.3	19	6.41	1.2	39	36.0	87.8	181	6.39
E5499717 (4128073)	3.6	1.46	23	13	34	1.0	25	12.7	1.0	22	33.5	56.7	467	4.58
E5499718 (4128074)	0.8	2.48	16	16	29	1.1	13	7.41	1.4	23	40.3	82.8	1360	5.75
E5499719 (4128075)	0.6	2.13	9	14	31	1.0	23	7.68	1.0	20	35.2	77.6	395	4.94
E5499720 (4128076)	29.0	0.90	851	<5	17	<0.5	26	0.12	144	41	6.9	203	1940	10.4
E5499721 (4128077)	1.2	3.31	10	11	22	0.7	18	5.97	0.9	22	40.4	93.8	352	7.42
E5499722 (4128078)	0.7	1.40	11	13	17	0.9	16	6.85	1.2	19	26.1	69.1	2350	3.97
E5499723 (4128079)	0.2	1.22	3	7	17	0.5	14	5.97	0.6	16	23.3	97.2	159	3.29

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U687868

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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 12, 2013	DATE RECEIVED: Feb 13, 2013					DATE REPORTED: Feb 26, 2013					SAMPLE TYPE: Drill Core				
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	
E5499724 (4128080)	<0.2	1.38	8	6	37	0.6	14	3.82	<0.5	10	27.4	92.5	167	4.43	
E5499725 (4128081)	0.3	0.40	6	7	17	0.6	3	1.05	<0.5	5	3.3	106	109	2.02	
E5499726 (4128082)	0.3	0.55	6	6	12	0.5	6	2.24	<0.5	4	9.0	109	108	1.98	
E5499727 (4128083)	<0.2	0.82	6	8	16	0.7	12	2.60	0.5	5	13.4	99.6	250	3.53	
E5499728 (4128084)	0.6	0.43	11	7	41	<0.5	11	11.0	<0.5	5	4.8	95.9	404	2.12	
E5499729 (4128085)	1.4	1.49	8	6	32	<0.5	20	8.89	0.6	14	20.7	109	685	4.31	

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CLIENT NAME: SUPERIOR COPPER CORPORATION

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

DATE SAMPLED: Feb 12, 2013	DATE RECEIVED: Feb 13, 2013					DATE REPORTED: Feb 26, 2013					SAMPLE TYPE: Drill Core				
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	
E5499660 (4128016)	17	4	<1	0.01	8	24	1.73	1070	6.6	0.03	19.8	1410	17.6	11	
E5499661 (4128017)	18	<1	<1	0.02	9	15	1.48	1120	5.3	0.05	16.5	1440	18.6	10	
E5499662 (4128018)	18	3	<1	<0.01	5	20	2.38	1150	4.7	0.03	34.2	1170	14.2	13	
E5499663 (4128019)	13	5	<1	<0.01	7	13	1.86	867	5.9	0.03	27.0	1270	14.8	<10	
E5499664 (4128020)	16	6	<1	0.02	7	13	1.80	904	3.7	0.04	32.6	1220	15.8	<10	
E5499665 (4128021)	23	3	<1	0.02	7	40	2.92	1930	6.6	0.03	49.9	1110	21.2	14	
E5499666 (4128022)	12	5	<1	0.13	5	19	1.53	1450	4.7	0.03	45.2	955	14.4	27	
E5499667 (4128023)	14	2	<1	<0.01	5	25	3.01	1490	4.6	0.03	41.6	1200	14.4	11	
E5499668 (4128024)	15	4	<1	0.12	4	57	3.07	1620	5.3	0.02	73.6	899	19.6	30	
E5499669 (4128025)	12	1	<1	0.03	6	24	1.98	1290	6.6	0.02	40.2	916	13.5	17	
E5499670 (4128026)	<5	8	<1	0.20	25	6	0.81	202	6.7	0.01	5.6	86	2200	10	
E5499671 (4128027)	9	2	<1	<0.01	3	11	1.38	1590	4.6	<0.01	30.8	1100	10.7	13	
E5499672 (4128028)	7	1	<1	0.01	4	6	0.66	1060	6.0	<0.01	18.7	1050	9.9	13	
E5499673 (4128029)	12	<1	<1	<0.01	4	17	2.32	2050	6.4	<0.01	39.2	1130	14.6	13	
E5499674 (4128030)	12	3	<1	<0.01	3	18	2.45	1950	5.9	<0.01	35.4	964	13.6	11	
E5499675 (4128031)	12	3	<1	<0.01	3	14	1.87	1680	5.3	<0.01	30.0	1070	12.3	12	
E5499676 (4128032)	11	5	<1	<0.01	4	16	2.10	1790	6.4	0.01	28.5	1240	14.9	11	
E5499677 (4128033)	12	5	<1	<0.01	3	20	2.13	1730	5.7	0.02	39.2	986	15.2	12	
E5499678 (4128034)	12	1	<1	<0.01	3	19	2.09	1570	5.4	0.01	32.9	1050	15.3	12	
E5499679 (4128035)	9	3	<1	0.01	4	27	1.64	1400	6.2	0.02	25.6	979	13.7	15	
E5499680 (4128036)	14	2	<1	0.01	3	42	2.32	1990	5.9	0.03	38.0	976	12.7	15	
E5499681 (4128037)	<5	3	<1	<0.01	3	7	0.54	1260	5.0	<0.01	16.7	903	9.5	13	
E5499682 (4128038)	11	3	<1	0.01	5	18	2.49	2210	4.8	0.03	41.1	995	15.7	11	
E5499683 (4128039)	8	<1	<1	<0.01	5	11	1.66	1400	5.2	0.03	28.7	965	11.3	<10	
E5499684 (4128040)	9	4	1	0.09	7	14	1.71	1640	4.2	0.05	34.6	1200	11.4	15	
E5499685 (4128041)	11	4	<1	0.07	8	20	2.23	2050	4.1	0.05	33.2	1250	14.3	14	
E5499686 (4128042)	11	3	<1	0.05	5	16	2.21	2230	4.7	0.04	35.8	1030	15.8	13	
E5499687 (4128043)	6	<1	<1	<0.01	3	7	1.01	1450	5.8	0.02	19.9	885	10.3	11	
E5499688 (4128044)	14	3	<1	<0.01	5	20	2.83	2270	5.2	0.04	37.3	1060	15.8	<10	
E5499689 (4128045)	15	<1	<1	0.02	6	22	3.27	1810	3.6	0.04	66.3	971	16.3	<10	
E5499690 (4128046)	13	1	<1	<0.01	5	21	3.13	2010	5.1	0.02	71.4	981	20.0	<10	
E5499691 (4128047)	15	2	<1	0.01	5	26	3.81	2170	4.3	0.03	86.5	900	19.3	<10	

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AGAT WORK ORDER: 13U687868

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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 12, 2013

DATE RECEIVED: Feb 13, 2013

DATE REPORTED: Feb 26, 2013

SAMPLE TYPE: Drill Core

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
Sample ID (AGAT ID)														
E5499692 (4128048)	11	4	<1	<0.01	5	15	2.36	2050	5.3	0.03	58.2	921	16.1	<10
E5499693 (4128049)	16	3	<1	<0.01	5	22	3.52	2000	4.1	0.03	84.9	902	18.4	<10
E5499694 (4128050)	12	1	<1	0.07	5	22	1.93	2160	5.0	0.01	45.8	940	16.5	21
E5499695 (4128051)	9	4	<1	0.25	3	17	1.04	1920	7.8	0.01	43.6	785	12.7	60
E5499696 (4128052)	11	5	<1	0.32	2	17	1.19	2890	6.7	0.01	63.8	701	15.0	87
E5499697 (4128053)	8	3	<1	0.28	3	12	0.79	1900	6.4	0.01	40.5	723	8.2	69
E5499698 (4128054)	9	4	<1	0.21	3	13	0.89	1930	6.8	0.01	39.3	602	8.9	62
E5499699 (4128055)	11	3	<1	0.28	4	15	0.92	1910	7.2	0.02	35.2	708	13.2	76
E5499700 (4128056)	7	21	3	0.22	17	7	0.61	248	12.4	0.02	6.2	80	3250	11
E5499701 (4128057)	10	3	<1	0.17	3	18	1.09	1910	7.7	0.03	40.9	744	11.2	48
E5499702 (4128058)	10	4	<1	0.21	2	20	1.08	1690	6.4	0.03	41.3	745	10.4	50
E5499703 (4128059)	10	4	<1	0.19	4	38	1.30	1680	6.0	0.03	51.8	903	15.3	48
E5499704 (4128060)	14	2	<1	0.17	6	37	2.89	1660	4.4	0.03	55.6	932	20.5	37
E5499705 (4128061)	12	4	<1	0.06	5	33	2.93	1520	4.8	0.04	52.9	939	18.7	16
E5499706 (4128062)	15	2	<1	0.02	5	25	3.00	2160	4.2	0.05	55.8	965	17.9	11
E5499707 (4128063)	17	4	<1	0.03	5	36	3.40	2790	4.9	0.02	60.5	949	21.3	16
E5499708 (4128064)	16	4	<1	0.07	4	99	3.64	3050	4.2	0.02	51.9	769	22.9	18
E5499709 (4128065)	14	2	<1	0.07	5	83	2.89	2880	5.2	0.01	43.6	780	20.9	19
E5499710 (4128066)	9	3	<1	0.09	4	49	1.94	2070	5.7	0.01	31.9	665	17.4	23
E5499711 (4128067)	21	3	<1	0.09	6	62	3.84	3550	4.5	0.02	54.7	857	33.4	22
E5499712 (4128068)	20	1	<1	0.08	6	67	4.63	3520	4.0	0.02	58.5	932	30.0	17
E5499713 (4128069)	15	4	<1	0.13	7	49	3.12	2750	4.6	0.02	47.9	930	25.4	24
E5499714 (4128070)	13	3	<1	0.13	6	30	2.48	1870	3.9	0.03	50.2	925	21.7	22
E5499715 (4128071)	11	3	<1	0.30	13	35	1.66	2020	4.8	0.05	43.9	790	19.2	60
E5499716 (4128072)	12	2	<1	0.30	15	47	1.75	2060	5.3	0.06	45.5	908	17.7	60
E5499717 (4128073)	7	5	<1	0.29	9	52	0.96	1410	6.5	0.04	44.1	695	21.5	59
E5499718 (4128074)	12	4	<1	0.29	7	35	2.26	1840	6.0	0.05	77.3	816	21.3	61
E5499719 (4128075)	10	3	<1	0.32	7	31	1.72	1650	4.3	0.04	73.4	723	17.9	66
E5499720 (4128076)	7	25	1	0.22	18	7	0.62	250	11.7	0.01	5.6	75	3250	11
E5499721 (4128077)	14	2	<1	0.18	6	58	3.36	1520	8.0	0.05	74.2	804	21.4	37
E5499722 (4128078)	<5	3	<1	0.38	7	10	0.79	1400	6.0	0.03	56.5	558	15.9	82
E5499723 (4128079)	<5	1	<1	0.25	6	10	0.86	1060	5.6	0.02	37.5	395	11.1	53

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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 12, 2013	DATE RECEIVED: Feb 13, 2013						DATE REPORTED: Feb 26, 2013					SAMPLE TYPE: Drill Core			
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	
Sample ID (AGAT ID)	RDL:														
E5499724 (4128080)	<5	2	<1	0.33	4	11	0.80	1230	10.0	0.02	50.3	379	12.4	72	
E5499725 (4128081)	<5	2	<1	0.23	2	2	0.11	174	4.9	0.02	7.2	193	8.1	38	
E5499726 (4128082)	<5	<1	<1	0.19	3	5	0.25	365	5.2	0.01	22.4	188	7.7	35	
E5499727 (4128083)	<5	1	<1	0.24	2	6	0.45	450	4.7	0.02	25.7	244	9.2	53	
E5499728 (4128084)	<5	4	<1	0.22	3	2	0.15	709	7.4	0.02	8.5	189	7.4	58	
E5499729 (4128085)	6	<1	<1	0.35	6	11	0.94	1710	8.4	0.02	39.3	441	13.0	81	

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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: Feb 12, 2013	DATE RECEIVED: Feb 13, 2013					DATE REPORTED: Feb 26, 2013					SAMPLE TYPE: Drill Core				
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	
E5499660 (4128016)	0.056	<1	26.2	<10	53	61.2	<10	<10	10	0.56	<5	<5	231	14	
E5499661 (4128017)	0.048	<1	16.1	<10	42	54.6	<10	<10	10	0.53	6	<5	273	12	
E5499662 (4128018)	0.047	<1	19.1	<10	62	38.9	<10	<10	8	0.81	<5	<5	224	8	
E5499663 (4128019)	0.034	<1	14.0	<10	39	77.1	<10	<10	8	0.57	<5	<5	228	7	
E5499664 (4128020)	0.025	<1	15.4	<10	38	62.1	<10	<10	9	0.52	<5	<5	212	7	
E5499665 (4128021)	0.070	<1	29.1	<10	66	33.7	<10	<10	8	0.70	7	<5	242	10	
E5499666 (4128022)	0.085	<1	28.1	<10	74	72.7	<10	<10	7	0.73	<5	<5	204	8	
E5499667 (4128023)	0.039	<1	25.1	<10	57	105	<10	<10	6	0.77	<5	<5	219	3	
E5499668 (4128024)	0.064	<1	23.6	11	56	61.2	<10	<10	8	0.49	<5	<5	199	11	
E5499669 (4128025)	0.142	<1	17.2	<10	80	90.3	<10	<10	8	0.39	<5	<5	136	4	
E5499670 (4128026)	7.75	46	7.5	<10	<5	5.0	<10	<10	15	<0.01	8	5	13.5	<1	
E5499671 (4128027)	0.067	<1	19.9	<10	57	127	<10	<10	9	0.77	<5	<5	166	2	
E5499672 (4128028)	0.060	<1	19.4	<10	58	131	<10	<10	7	0.78	<5	<5	163	2	
E5499673 (4128029)	0.057	<1	21.5	<10	61	165	<10	<10	8	0.91	<5	<5	203	4	
E5499674 (4128030)	0.038	<1	18.2	<10	56	136	<10	<10	7	0.79	<5	<5	172	1	
E5499675 (4128031)	0.043	<1	20.4	<10	59	111	<10	<10	10	0.83	<5	<5	187	2	
E5499676 (4128032)	0.042	<1	21.8	<10	63	90.4	<10	<10	6	0.95	<5	<5	206	1	
E5499677 (4128033)	0.061	<1	22.6	<10	61	108	<10	<10	8	0.80	<5	<5	206	6	
E5499678 (4128034)	0.043	<1	23.1	<10	63	110	<10	<10	8	0.84	<5	<5	174	5	
E5499679 (4128035)	0.099	<1	24.6	<10	81	107	<10	<10	6	0.79	<5	<5	158	1	
E5499680 (4128036)	0.096	<1	19.8	<10	82	69.0	<10	<10	8	0.81	<5	<5	182	2	
E5499681 (4128037)	0.092	<1	15.1	<10	75	124	<10	<10	<5	0.70	<5	<5	173	<1	
E5499682 (4128038)	0.041	<1	19.3	<10	57	85.5	<10	<10	6	0.79	<5	<5	237	<1	
E5499683 (4128039)	0.082	<1	15.0	<10	46	86.5	<10	<10	5	0.61	<5	<5	181	<1	
E5499684 (4128040)	0.020	<1	13.4	<10	31	50.2	<10	<10	7	0.49	<5	<5	188	3	
E5499685 (4128041)	0.018	<1	15.1	<10	38	66.8	<10	<10	7	0.55	6	<5	212	8	
E5499686 (4128042)	0.048	<1	20.8	<10	50	95.8	<10	<10	7	0.59	<5	<5	228	2	
E5499687 (4128043)	0.059	<1	16.6	<10	56	140	<10	<10	6	0.61	<5	<5	206	<1	
E5499688 (4128044)	0.032	<1	19.1	<10	44	102	<10	<10	5	0.60	<5	<5	225	5	
E5499689 (4128045)	0.018	<1	15.4	<10	34	55.0	<10	<10	5	0.51	<5	<5	194	5	
E5499690 (4128046)	0.103	<1	18.3	<10	39	107	<10	<10	7	0.55	<5	<5	187	5	
E5499691 (4128047)	0.037	<1	17.2	<10	36	94.4	<10	<10	<5	0.53	<5	<5	192	4	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U687868

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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 12, 2013	DATE RECEIVED: Feb 13, 2013					DATE REPORTED: Feb 26, 2013					SAMPLE TYPE: Drill Core				
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	
E5499692 (4128048)	0.077	<1	17.6	<10	44	119	<10	<10	7	0.55	<5	<5	184	4	
E5499693 (4128049)	0.016	<1	16.5	<10	33	121	<10	<10	6	0.49	<5	<5	152	<1	
E5499694 (4128050)	0.053	<1	18.8	<10	45	130	<10	<10	8	0.55	<5	<5	164	6	
E5499695 (4128051)	0.070	<1	15.2	<10	62	134	<10	<10	7	0.66	<5	<5	154	8	
E5499696 (4128052)	0.077	<1	15.6	<10	67	126	<10	<10	10	0.64	7	6	113	12	
E5499697 (4128053)	0.063	<1	13.1	<10	62	112	<10	<10	8	0.63	<5	<5	91.2	5	
E5499698 (4128054)	0.133	<1	12.4	<10	80	101	<10	<10	7	0.54	<5	<5	81.9	9	
E5499699 (4128055)	0.153	<1	16.7	<10	100	104	<10	<10	8	0.71	<5	<5	103	7	
E5499700 (4128056)	>10	66	6.4	<10	12	4.7	<10	<10	16	<0.01	<5	6	16.6	2	
E5499701 (4128057)	0.154	<1	16.5	<10	97	82.3	<10	<10	6	0.67	6	<5	117	4	
E5499702 (4128058)	0.120	<1	20.4	<10	91	47.8	<10	<10	6	0.77	<5	<5	117	4	
E5499703 (4128059)	0.080	<1	19.0	<10	76	117	<10	<10	6	0.76	<5	<5	127	2	
E5499704 (4128060)	0.037	<1	20.6	<10	39	100	<10	<10	7	0.38	<5	<5	184	7	
E5499705 (4128061)	0.029	<1	19.3	<10	40	65.0	<10	<10	<5	0.47	6	<5	174	6	
E5499706 (4128062)	0.035	<1	19.1	<10	39	86.1	<10	<10	6	0.50	<5	<5	191	4	
E5499707 (4128063)	0.064	<1	18.1	<10	52	133	<10	<10	6	0.54	7	<5	186	6	
E5499708 (4128064)	0.033	<1	13.0	<10	40	80.2	<10	<10	<5	0.44	10	6	147	6	
E5499709 (4128065)	0.029	<1	14.7	<10	37	89.4	<10	<10	6	0.42	<5	5	146	9	
E5499710 (4128066)	0.065	<1	10.7	<10	46	94.0	<10	<10	6	0.32	<5	<5	105	<1	
E5499711 (4128067)	0.101	<1	18.1	<10	28	35.4	<10	<10	6	0.32	19	6	223	13	
E5499712 (4128068)	0.048	<1	21.8	<10	31	50.5	<10	<10	<5	0.45	<5	<5	211	6	
E5499713 (4128069)	0.041	<1	19.6	<10	34	91.9	<10	<10	7	0.38	7	<5	174	8	
E5499714 (4128070)	0.070	<1	21.7	<10	44	129	<10	<10	7	0.45	<5	<5	184	4	
E5499715 (4128071)	0.092	<1	18.8	<10	53	42.1	<10	<10	6	0.28	<5	<5	187	4	
E5499716 (4128072)	0.068	<1	19.0	<10	41	34.9	<10	<10	8	0.25	<5	<5	224	5	
E5499717 (4128073)	0.148	7	11.4	<10	67	54.6	<10	<10	5	0.14	<5	<5	118	3	
E5499718 (4128074)	0.103	<1	19.4	<10	55	40.1	<10	<10	7	0.40	<5	<5	197	5	
E5499719 (4128075)	0.088	2	16.1	<10	51	39.2	<10	<10	7	0.32	<5	<5	151	4	
E5499720 (4128076)	>10	66	6.5	16	13	5.0	<10	<10	15	<0.01	<5	6	17.0	4	
E5499721 (4128077)	0.067	<1	19.9	<10	52	50.0	<10	<10	<5	0.44	<5	<5	197	<1	
E5499722 (4128078)	0.129	4	6.8	<10	34	34.5	<10	<10	7	0.03	<5	<5	88.0	2	
E5499723 (4128079)	0.065	4	7.1	<10	30	26.2	<10	<10	6	0.03	7	<5	71.7	<1	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U687868

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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 12, 2013		DATE RECEIVED: Feb 13, 2013					DATE REPORTED: Feb 26, 2013					SAMPLE TYPE: Drill Core			
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 ID (AGAT ID)	RDL:														
E5499724 (4128080)	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5499725 (4128081)	0.053	3	6.2	<10	19	24.2	<10	<10	5	0.02	5	<5	81.6	<1	
E5499726 (4128082)	0.015	1	2.7	<10	5	9.3	<10	<10	<5	0.01	7	<5	36.2	<1	
E5499727 (4128083)	0.020	2	3.1	<10	10	12.8	<10	<10	<5	0.01	<5	<5	37.9	<1	
E5499728 (4128084)	0.027	4	3.8	<10	14	14.7	<10	<10	<5	0.02	7	<5	65.3	<1	
E5499729 (4128085)	0.137	5	2.9	<10	51	21.8	<10	<10	<5	0.01	<5	<5	45.2	<1	
E5499729 (4128085)	0.110	3	6.8	<10	42	40.1	<10	<10	5	0.01	10	<5	85.2	3	

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ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Feb 12, 2013 DATE RECEIVED: Feb 13, 2013 DATE REPORTED: Feb 26, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Zn-OL % 0.01
E5499660 (4128016)		23	119	40	
E5499661 (4128017)		23	118	42	
E5499662 (4128018)		19	130	52	
E5499663 (4128019)		20	99.4	38	
E5499664 (4128020)		20	116	45	
E5499665 (4128021)		21	255	38	
E5499666 (4128022)		22	124	40	
E5499667 (4128023)		19	184	39	
E5499668 (4128024)		17	199	26	
E5499669 (4128025)		16	143	25	
E5499670 (4128026)		13	8620	47	
E5499671 (4128027)		16	144	47	
E5499672 (4128028)		16	76.9	49	
E5499673 (4128029)		18	226	51	
E5499674 (4128030)		15	211	40	
E5499675 (4128031)		16	173	44	
E5499676 (4128032)		18	180	46	
E5499677 (4128033)		15	194	42	
E5499678 (4128034)		15	183	44	
E5499679 (4128035)		15	157	42	
E5499680 (4128036)		15	228	43	
E5499681 (4128037)		13	53.1	36	
E5499682 (4128038)		16	207	35	
E5499683 (4128039)		15	143	28	
E5499684 (4128040)		20	184	26	
E5499685 (4128041)		21	214	29	
E5499686 (4128042)		17	239	28	
E5499687 (4128043)		13	105	25	
E5499688 (4128044)		17	269	25	
E5499689 (4128045)		18	272	25	
E5499690 (4128046)		17	256	26	
E5499691 (4128047)		16	303	25	

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

DATE SAMPLED: Feb 12, 2013 DATE RECEIVED: Feb 13, 2013 DATE REPORTED: Feb 26, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Zn-OL % 0.01
E5499692 (4128048)		16	217	27	
E5499693 (4128049)		15	272	26	
E5499694 (4128050)		17	175	30	
E5499695 (4128051)		11	109	29	
E5499696 (4128052)		14	131	33	
E5499697 (4128053)		13	92.6	33	
E5499698 (4128054)		14	105	29	
E5499699 (4128055)		17	107	33	
E5499700 (4128056)		10	>10000	40	3.10
E5499701 (4128057)		16	124	29	
E5499702 (4128058)		14	131	34	
E5499703 (4128059)		15	149	37	
E5499704 (4128060)		16	207	19	
E5499705 (4128061)		15	197	21	
E5499706 (4128062)		16	221	25	
E5499707 (4128063)		16	277	24	
E5499708 (4128064)		13	300	15	
E5499709 (4128065)		13	270	18	
E5499710 (4128066)		11	189	14	
E5499711 (4128067)		16	412	11	
E5499712 (4128068)		19	427	15	
E5499713 (4128069)		18	291	17	
E5499714 (4128070)		17	267	21	
E5499715 (4128071)		22	158	11	
E5499716 (4128072)		25	95.1	11	
E5499717 (4128073)		16	108	6	
E5499718 (4128074)		19	119	14	
E5499719 (4128075)		17	115	11	
E5499720 (4128076)		11	>10000	40	3.29
E5499721 (4128077)		16	130	13	
E5499722 (4128078)		11	79.0	<5	
E5499723 (4128079)		8	89.3	7	

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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 12, 2013 DATE RECEIVED: Feb 13, 2013 DATE REPORTED: Feb 26, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Y	Zn	Zr	Zn-OL
	Unit:	ppm	ppm	ppm	%
	RDL:	1	0.5	5	0.01
E5499724 (4128080)		8	94.0	<5	
E5499725 (4128081)		3	13.9	<5	
E5499726 (4128082)		3	33.9	<5	
E5499727 (4128083)		4	44.8	<5	
E5499728 (4128084)		4	15.7	<5	
E5499729 (4128085)		10	73.1	<5	

Comments: RDL - Reported Detection Limit

Certified By:



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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Feb 12, 2013

DATE RECEIVED: Feb 13, 2013

DATE REPORTED: Feb 26, 2013

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5499660 (4128016)		1.18	0.010
E5499661 (4128017)		0.60	0.005
E5499662 (4128018)		0.98	0.002
E5499663 (4128019)		1.08	0.008
E5499664 (4128020)		1.02	0.003
E5499665 (4128021)		0.64	0.035
E5499666 (4128022)		1.62	0.007
E5499667 (4128023)		0.86	0.003
E5499668 (4128024)		0.98	0.006
E5499669 (4128025)		0.82	0.001
E5499670 (4128026)		0.08	0.485
E5499671 (4128027)		0.98	0.008
E5499672 (4128028)		1.28	0.006
E5499673 (4128029)		0.96	0.004
E5499674 (4128030)		0.84	<0.001
E5499675 (4128031)		1.34	0.002
E5499676 (4128032)		0.84	0.005
E5499677 (4128033)		0.86	0.010
E5499678 (4128034)		0.76	0.004
E5499679 (4128035)		0.80	<0.001
E5499680 (4128036)		0.76	0.005
E5499681 (4128037)		0.98	0.017
E5499682 (4128038)		1.02	0.005
E5499683 (4128039)		0.82	0.025
E5499684 (4128040)		0.60	0.032
E5499685 (4128041)		0.74	0.003
E5499686 (4128042)		0.86	0.004
E5499687 (4128043)		0.80	<0.001
E5499688 (4128044)		0.74	0.030
E5499689 (4128045)		0.70	0.001
E5499690 (4128046)		0.82	0.023

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U687868

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 12, 2013

DATE RECEIVED: Feb 13, 2013

DATE REPORTED: Feb 26, 2013

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5499691 (4128047)		0.88	0.014
E5499692 (4128048)		1.66	0.014
E5499693 (4128049)		0.82	0.005
E5499694 (4128050)		1.18	0.007
E5499695 (4128051)		1.68	0.005
E5499696 (4128052)		0.60	0.026
E5499697 (4128053)		1.64	0.001
E5499698 (4128054)		1.66	0.001
E5499699 (4128055)		1.54	0.003
E5499700 (4128056)		0.08	1.30
E5499701 (4128057)		1.76	0.002
E5499702 (4128058)		1.88	0.001
E5499703 (4128059)		1.40	0.003
E5499704 (4128060)		1.88	0.032
E5499705 (4128061)		0.70	0.005
E5499706 (4128062)		1.56	0.005
E5499707 (4128063)		0.96	<0.001
E5499708 (4128064)		1.60	0.002
E5499709 (4128065)		0.60	0.005
E5499710 (4128066)		0.70	0.002
E5499711 (4128067)		1.20	0.382
E5499712 (4128068)		0.90	0.004
E5499713 (4128069)		0.92	0.007
E5499714 (4128070)		0.82	0.003
E5499715 (4128071)		0.80	0.002
E5499716 (4128072)		1.70	0.003
E5499717 (4128073)		1.48	0.040
E5499718 (4128074)		1.22	0.004
E5499719 (4128075)		1.42	0.001
E5499720 (4128076)		0.08	1.27
E5499721 (4128077)		0.76	0.003

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13U687868

PROJECT NO:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Feb 12, 2013 DATE RECEIVED: Feb 13, 2013 DATE REPORTED: Feb 26, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5499722 (4128078)		1.66	0.007
E5499723 (4128079)		1.46	0.096
E5499724 (4128080)		1.36	0.048
E5499725 (4128081)		1.28	0.003
E5499726 (4128082)		1.16	0.012
E5499727 (4128083)		1.40	0.032
E5499728 (4128084)		1.28	0.016
E5499729 (4128085)		0.72	0.163

Comments: RDL - Reported Detection Limit

Certified By: Y. Chen.



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	4128016	1.6	0.9		4128028	< 0.2	< 0.2	0.0%	4128041	< 0.2	< 0.2	0.0%	4128053	< 0.2	< 0.2	0.0%
Al	4128016	2.15	2.17	0.9%	4128028	1.50	1.49	0.7%	4128041	2.44	2.50	2.4%	4128053	1.74	1.82	4.5%
As	4128016	12	14	15.4%	4128028	< 1	< 1	0.0%	4128041	2	3		4128053	2	< 1	
B	4128016	24	21	13.3%	4128028	< 5	< 5	0.0%	4128041	6	< 5		4128053	6	6	0.0%
Ba	4128016	26	26	0.0%	4128028	5	6	18.2%	4128041	42	41	2.4%	4128053	11	11	0.0%
Be	4128016	1.3	1.4	7.4%	4128028	1.46	1.37	6.4%	4128041	1.11	0.93	17.6%	4128053	1.14	1.19	4.3%
Bi	4128016	31	21		4128028	16	14	13.3%	4128041	14	16	13.3%	4128053	11	16	
Ca	4128016	5.06	5.11	1.0%	4128028	4.16	4.20	1.0%	4128041	1.98	2.02	2.0%	4128053	6.26	6.46	3.1%
Cd	4128016	1.4	1.2	15.4%	4128028	0.6	< 0.5		4128041	0.75	0.67	11.3%	4128053	0.69	0.88	24.2%
Ce	4128016	30	30	0.0%	4128028	20	20	0.0%	4128041	30	30	0.0%	4128053	16	17	6.1%
Co	4128016	40.9	40.0	2.2%	4128028	14.5	13.9	4.2%	4128041	39.9	38.6	3.3%	4128053	26.7	27.4	2.6%
Cr	4128016	40.0	39.7	0.8%	4128028	94.6	92.4	2.4%	4128041	64.0	64.2	0.3%	4128053	57.1	58.8	2.9%
Cu	4128016	209	211	1.0%	4128028	960	913	5.0%	4128041	364	336	8.0%	4128053	53.6	67.1	22.4%
Fe	4128016	8.03	8.21	2.2%	4128028	4.28	4.25	0.7%	4128041	7.28	7.30	0.3%	4128053	5.32	5.39	1.3%
Ga	4128016	17	17	0.0%	4128028	7	6	15.4%	4128041	11	13	16.7%	4128053	8	9	11.8%
Hg	4128016	4	4	0.0%	4128028	1	1	0.0%	4128041	4	< 1		4128053	3	2	
In	4128016	< 1	< 1	0.0%	4128028	< 1	< 1	0.0%	4128041	< 1	< 1	0.0%	4128053	< 1	< 1	0.0%
K	4128016	0.01	0.01	0.0%	4128028	0.01	0.01	0.0%	4128041	0.07	0.07	0.0%	4128053	0.284	0.285	0.4%
La	4128016	8	8	0.0%	4128028	4	3	28.6%	4128041	8	8	0.0%	4128053	3	3	0.0%
Li	4128016	24	24	0.0%	4128028	6	6	0.0%	4128041	20	20	0.0%	4128053	12	12	0.0%
Mg	4128016	1.73	1.75	1.1%	4128028	0.66	0.66	0.0%	4128041	2.23	2.25	0.9%	4128053	0.79	0.79	0.0%
Mn	4128016	1070	1040	2.8%	4128028	1060	1040	1.9%	4128041	2050	1980	3.5%	4128053	1900	1940	2.1%
Mo	4128016	6.6	5.5	18.2%	4128028	6.0	6.7	11.0%	4128041	4.1	5.1	21.7%	4128053	6.37	6.20	2.7%
Na	4128016	0.03	0.03	0.0%	4128028	< 0.01	< 0.01	0.0%	4128041	0.05	0.05	0.0%	4128053	0.01	0.01	0.0%
Ni	4128016	19.8	19.2	3.1%	4128028	18.7	18.7	0.0%	4128041	33.2	32.3	2.7%	4128053	40.5	41.0	1.2%
P	4128016	1410	1390	1.4%	4128028	1050	1020	2.9%	4128041	1250	1210	3.3%	4128053	723	743	2.7%
Pb	4128016	17.6	16.9	4.1%	4128028	9.95	10.5	5.4%	4128041	14.3	14.9	4.1%	4128053	8.19	9.96	19.5%
Rb	4128016	11	12	8.7%	4128028	13	12	8.0%	4128041	14	14	0.0%	4128053	69	72	4.3%
S	4128016	0.056	0.057	1.8%	4128028	0.060	0.058	3.4%	4128041	0.0183	0.0196	6.9%	4128053	0.063	0.067	6.2%
Sb	4128016	< 1	< 1	0.0%	4128028	< 1	< 1	0.0%	4128041	< 1	< 1	0.0%	4128053	< 1	< 1	0.0%
Sc	4128016	26.2	27.0	3.0%	4128028	19.4	18.7	3.7%	4128041	15.1	14.9	1.3%	4128053	13.1	13.9	5.9%



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

Se	4128016	< 10	< 10	0.0%	4128028	< 10	< 10	0.0%	4128041	< 10	< 10	0.0%	4128053	< 10	< 10	0.0%
Sn	4128016	53	54	1.9%	4128028	58	57	1.7%	4128041	38	38	0.0%	4128053	62	62	0.0%
Sr	4128016	61.2	64.0	4.5%	4128028	131	127	3.1%	4128041	66.8	69.4	3.8%	4128053	112	119	6.1%
Ta	4128016	< 10	< 10	0.0%	4128028	< 10	< 10	0.0%	4128041	< 10	< 10	0.0%	4128053	< 10	< 10	0.0%
Te	4128016	< 10	< 10	0.0%	4128028	< 10	< 10	0.0%	4128041	< 10	< 10	0.0%	4128053	< 10	< 10	0.0%
Th	4128016	10	10	0.0%	4128028	7	7	0.0%	4128041	7	7	0.0%	4128053	8	7	13.3%
Ti	4128016	0.56	0.58	3.5%	4128028	0.78	0.78	0.0%	4128041	0.55	0.56	1.8%	4128053	0.632	0.657	3.9%
Tl	4128016	< 5	< 5	0.0%	4128028	< 5	< 5	0.0%	4128041	6	8	28.6%	4128053	< 5	< 5	0.0%
U	4128016	< 5	< 5	0.0%	4128028	< 5	< 5	0.0%	4128041	< 5	< 5	0.0%	4128053	< 5	< 5	0.0%
V	4128016	231	236	2.1%	4128028	163	159	2.5%	4128041	212	208	1.9%	4128053	91.2	95.4	4.5%
W	4128016	14	12	15.4%	4128028	2	< 1		4128041	8	6	28.6%	4128053	5	7	33.3%
Y	4128016	23	23	0.0%	4128028	16	15	6.5%	4128041	21	20	4.9%	4128053	13	14	7.4%
Zn	4128016	119	117	1.7%	4128028	76.9	75.4	2.0%	4128041	214	209	2.4%	4128053	92.6	93.9	1.4%
Zr	4128016	40	43	7.2%	4128028	49	48	2.1%	4128041	29	28	3.5%	4128053	33	34	3.0%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	4128066	0.2	0.2	0.0%	4128075	0.64	0.55	15.1%								
Al	4128066	2.69	2.59	3.8%	4128075	2.13	2.13	0.0%								
As	4128066	11	9	20.0%	4128075	9	7	25.0%								
B	4128066	6	7	15.4%	4128075	14	16	13.3%								
Ba	4128066	12	12	0.0%	4128075	31	31	0.0%								
Be	4128066	0.97	0.92	5.3%	4128075	1.0	1.0	0.0%								
Bi	4128066	15	22		4128075	23	20	14.0%								
Ca	4128066	6.61	6.40	3.2%	4128075	7.68	7.65	0.4%								
Cd	4128066	0.7	0.9	25.0%	4128075	1.0	0.9	10.5%								
Ce	4128066	15	14	6.9%	4128075	20	21	4.9%								
Co	4128066	41.3	42.6	3.1%	4128075	35.2	35.0	0.6%								
Cr	4128066	83.9	83.5	0.5%	4128075	77.6	75.3	3.0%								
Cu	4128066	146	143	2.1%	4128075	395	375	5.2%								
Fe	4128066	4.83	4.61	4.7%	4128075	4.94	5.02	1.6%								
Ga	4128066	9	10	10.5%	4128075	10	10	0.0%								
Hg	4128066	3	3	0.0%	4128075	3	4	28.6%								
In	4128066	< 1	< 1	0.0%	4128075	< 1	< 1	0.0%								
K	4128066	0.086	0.083	3.6%	4128075	0.32	0.32	0.0%								



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

La	4128066	4	4	0.0%	4128075	7	7	0.0%								
Li	4128066	49	47	4.2%	4128075	31	32	3.2%								
Mg	4128066	1.94	1.86	4.2%	4128075	1.72	1.76	2.3%								
Mn	4128066	2070	2080	0.5%	4128075	1650	1640	0.6%								
Mo	4128066	5.66	4.34	26.4%	4128075	4.3	5.5	24.5%								
Na	4128066	0.01	0.01	0.0%	4128075	0.04	0.04	0.0%								
Ni	4128066	31.9	32.6	2.2%	4128075	73.4	73.0	0.5%								
P	4128066	665	680	2.2%	4128075	723	720	0.4%								
Pb	4128066	17.4	14.5	18.2%	4128075	17.9	17.3	3.4%								
Rb	4128066	23	22	4.4%	4128075	66	65	1.5%								
S	4128066	0.065	0.063	3.1%	4128075	0.0880	0.0851	3.4%								
Sb	4128066	< 1	< 1	0.0%	4128075	2	2	0.0%								
Sc	4128066	10.7	10.4	2.8%	4128075	16.1	16.0	0.6%								
Se	4128066	< 10	< 10	0.0%	4128075	< 10	< 10	0.0%								
Sn	4128066	46	45	2.2%	4128075	51	51	0.0%								
Sr	4128066	94.0	87.9	6.7%	4128075	39.2	39.7	1.3%								
Ta	4128066	< 10	< 10	0.0%	4128075	< 10	< 10	0.0%								
Te	4128066	< 10	< 10	0.0%	4128075	< 10	< 10	0.0%								
Th	4128066	6	8	28.6%	4128075	7	6	15.4%								
Ti	4128066	0.32	0.30	6.5%	4128075	0.32	0.32	0.0%								
Tl	4128066	< 5	< 5	0.0%	4128075	5	6	18.2%								
U	4128066	< 5	< 5	0.0%	4128075	< 5	< 5	0.0%								
V	4128066	105	103	1.9%	4128075	151	150	0.7%								
W	4128066	< 1	< 1	0.0%	4128075	4	6									
Y	4128066	11	10	9.5%	4128075	17	17	0.0%								
Zn	4128066	189	194	2.6%	4128075	115	115	0.0%								
Zr	4128066	14	14	0.0%	4128075	11	10	9.5%								

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	4128016	0.010	0.003		4128028	0.006	0.008	28.6%	4128041	0.003	0.009		4128053	0.001	< 0.001	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	4128066	0.002	0.007		4128075	0.001	0.002									



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

	CRM #1 (CU186)				CRM #2 (CU186)				CRM #3 (CU186)				CRM #4 (CU186)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag	14	13	95%	80% - 120%	14	14	101%	80% - 120%	14	14	101%	80% - 120%	14	14	101%	80% - 120%
Cu	6000	5899	98%	80% - 120%	6000	6222	104%	80% - 120%	6000	6062	101%	80% - 120%	6000	6070	101%	80% - 120%
Mo	360	364	101%	80% - 120%	360	388	108%	80% - 120%	360	377	105%	80% - 120%	360	383	106%	80% - 120%
	CRM #5 (CU186)															
Parameter	Expect	Actual	Recovery	Limits												
Ag	14	13	93%	80% - 120%												
Cu	6000	5698	95%	80% - 120%												
Mo	360	354	98%	80% - 120%												

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

	CRM #1 (CM14)				CRM #2 (1P5F)				CRM #3 (CM14)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	0.792	0.746	94%	90% - 110%	1.40	1.44	102%	90% - 110%	0.792	0.745	94%	90% - 110%				



Method Summary

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 13U687868

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
Zn-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: SUPERIOR COPPER CORPORATION
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(416) 479-0893

ATTENTION TO: JUDY BAKER

PROJECT NO: SB ZONE PHASE 2, 2013

AGAT WORK ORDER: 13T701794

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Apr 15, 2013

PAGES (INCLUDING COVER): 22

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: 13T701794

PROJECT NO: SB ZONE PHASE 2, 2013

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: JUDY BAKER

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

DATE SAMPLED: Apr 02, 2013

DATE RECEIVED: Apr 02, 2013

DATE REPORTED: Apr 15, 2013

SAMPLE TYPE: Drill Core

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
E5499890 (4233759)	4.9	3.94	25	16	156	0.6	27	9.28	<0.5	20	46.3	121	>10000	7.18
E5499891 (4233760)	2.7	1.76	13	17	27	<0.5	16	6.45	<0.5	26	28.9	119	6370	7.87
E5499892 (4233761)	3.5	2.01	21	11	1620	<0.5	28	9.96	<0.5	19	26.5	91.8	7640	4.80
E5499893 (4233762)	<0.2	2.01	8	34	24	1.4	17	8.50	<0.5	27	34.0	124	375	7.70
E5499894 (4233763)	1.0	0.64	19	32	37	1.2	15	9.42	0.9	32	3.5	69.8	5770	6.28
E5499895 (4233764)	1.0	0.77	30	42	40	1.4	14	8.35	0.8	64	3.9	21.1	9400	7.31
E5499896 (4233765)	1.2	0.80	39	37	46	1.5	18	9.02	0.9	63	3.9	23.7	796	6.19
E5499897 (4233766)	0.7	0.84	24	35	54	1.5	21	7.82	<0.5	68	3.8	19.0	7000	6.33
E5499898 (4233767)	2.7	0.56	37	18	33	0.7	14	8.19	1.3	39	2.3	22.1	>10000	5.18
E5499899 (4233768)	1.2	0.43	16	12	41	0.6	7	9.34	0.6	23	2.0	22.8	7350	4.14
E5499900 (4233769)	<0.2	0.01	<1	<5	2	<0.5	<1	0.03	<0.5	17	<0.5	0.9	3.3	0.03
E5499901 (4233770)	0.3	0.47	54	17	32	1.1	18	9.59	<0.5	26	3.1	32.6	2230	4.97
E5499902 (4233771)	0.3	0.81	10	31	22	1.2	25	8.34	<0.5	29	9.2	87.9	6450	6.70
E5499903 (4233772)	0.8	0.67	15	27	18	0.9	33	10.2	1.1	26	6.9	65.7	>10000	5.42
E5499904 (4233773)	<0.2	2.84	2	24	16	0.9	15	7.85	<0.5	24	42.7	125	23.9	7.28
E5499905 (4233774)	<0.2	4.00	11	27	13	0.7	26	6.28	<0.5	27	47.4	120	814	7.57
E5499906 (4233775)	<0.2	3.81	2	22	18	0.9	20	4.87	0.8	21	44.1	118	1250	7.00
E5499907 (4233776)	<0.2	2.44	22	15	12	0.5	10	3.93	<0.5	22	29.4	75.6	652	5.97
E5499908 (4233777)	<0.2	1.86	23	18	18	<0.5	33	16.0	<0.5	20	23.4	52.0	2070	4.69
E5499909 (4233778)	<0.2	2.42	13	15	12	<0.5	16	11.1	<0.5	19	31.3	84.2	1610	5.56
E5499910 (4233779)	<0.2	2.16	7	13	9	0.7	19	7.34	<0.5	35	30.4	30.0	449	8.28
E5499911 (4233780)	<0.2	1.80	7	10	17	0.7	31	5.57	<0.5	26	26.8	96.3	340	7.24
E5499912 (4233781)	<0.2	2.19	3	17	9	1.2	13	4.70	<0.5	35	33.7	43.9	158	8.49
E5499913 (4233782)	<0.2	2.61	1	17	11	1.0	12	7.34	<0.5	33	37.2	67.9	852	8.45
E5499914 (4233783)	<0.2	3.70	10	18	13	1.1	13	4.56	<0.5	25	41.9	159	435	7.74
E5499915 (4233784)	1.4	2.86	4	18	14	0.6	21	6.32	<0.5	20	35.6	135	1080	6.44
E5499916 (4233785)	2.6	3.73	10	21	18	0.6	9	9.33	<0.5	19	36.3	111	1530	6.21
E5499917 (4233786)	6.0	3.31	19	17	22	<0.5	20	8.56	<0.5	19	43.1	92.9	>10000	6.64
E5499918 (4233787)	<0.2	3.46	6	32	19	0.7	26	9.06	<0.5	26	48.4	129	1500	6.96
E5499919 (4233788)	1.3	3.42	13	16	13	<0.5	22	7.16	<0.5	19	38.0	89.3	4690	6.61
E5499920 (4233789)	24.5	1.06	770	<5	21	<0.5	19	0.13	128	38	5.5	182	1670	10.4
E5499921 (4233790)	0.6	2.95	9	24	19	0.7	21	6.77	<0.5	23	38.5	96.6	1750	7.35

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T701794

PROJECT NO: SB ZONE PHASE 2, 2013

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

ATTENTION TO: JUDY BAKER

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

DATE SAMPLED: Apr 02, 2013

DATE RECEIVED: Apr 02, 2013

DATE REPORTED: Apr 15, 2013

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	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
E5499922 (4233791)		3.5	4.05	19	16	18	<0.5	12	8.58	<0.5	21	48.2	111	>10000	7.38
E5499923 (4233792)		1.1	3.95	10	22	17	0.6	27	8.73	<0.5	25	47.3	115	5850	7.08
E5499924 (4233793)		0.6	2.79	11	21	11	<0.5	25	11.7	<0.5	27	47.9	187	1640	6.81
E5499925 (4233794)		15.2	3.60	34	19	24	<0.5	19	9.27	<0.5	16	42.9	107	9920	6.50
E5499926 (4233795)		35.2	2.20	33	12	34	<0.5	8	6.38	<0.5	20	32.5	88.7	>10000	7.17
E5499927 (4233796)		3.7	2.74	16	13	28	<0.5	11	6.29	<0.5	21	35.3	107	9160	7.65
E5499928 (4233797)		5.1	4.13	233	18	14	<0.5	19	4.85	<0.5	22	58.6	165	>10000	8.81
E5499929 (4233798)		1.2	2.62	7	5	24	<0.5	<1	5.21	<0.5	17	33.0	89.5	779	6.03
E5499930 (4233799)		4.3	2.03	39	18	37	<0.5	25	11.6	<0.5	15	34.5	70.2	2650	4.98
E5499931 (4233800)		3.1	1.85	17	19	30	0.6	5	9.41	<0.5	19	41.2	78.5	4340	6.38
E5499932 (4233801)		3.2	0.48	10	9	63	0.6	11	2.05	<0.5	14	6.1	31.0	2890	1.84
E5499933 (4233802)		1.1	0.47	18	18	24	0.9	20	10.3	0.7	20	2.9	31.9	1010	2.93
E5499934 (4233803)		0.6	0.68	25	27	36	1.4	23	5.13	<0.5	43	3.7	60.3	1460	5.86
E5499935 (4233804)		<0.2	0.57	11	17	29	1.0	12	3.21	<0.5	29	2.4	52.1	361	3.65
E5499936 (4233805)		<0.2	0.40	4	12	8	<0.5	7	0.66	<0.5	4	1.3	23.7	299	1.04
E5499937 (4233806)		<0.2	0.44	8	11	23	0.7	4	4.49	1.7	15	1.7	32.2	165	2.55
E5499938 (4233807)		<0.2	0.48	6	17	31	0.8	14	5.08	0.7	14	1.8	37.8	119	2.79
E5499939 (4233808)		<0.2	0.36	11	16	14	0.6	16	8.80	1.5	19	1.7	32.6	77.8	2.77
E5499940 (4233809)		18.4	1.31	608	<5	55	<0.5	3	0.06	48.0	65	3.4	203	772	7.23
E5499941 (4233810)		<0.2	0.27	19	12	13	<0.5	47	19.3	2.3	24	2.2	14.8	142	3.04
E5499942 (4233811)		<0.2	2.41	14	33	46	2.1	8	8.31	<0.5	68	35.7	89.1	1290	7.76
E5499943 (4233812)		0.6	3.52	14	19	33	1.4	13	7.85	<0.5	53	57.1	71.6	854	9.58
E5499944 (4233813)		0.4	1.94	11	16	29	0.9	20	8.98	<0.5	38	31.5	28.6	326	6.89
E5499945 (4233814)		0.5	2.06	14	17	26	0.9	11	8.37	<0.5	38	31.8	26.4	369	8.53
E5499946 (4233815)		1.1	1.89	15	12	31	0.6	24	12.4	<0.5	36	31.3	28.6	607	7.03
E5499947 (4233816)		0.9	2.87	6	17	31	1.0	13	7.09	<0.5	36	37.7	27.5	1500	7.06
E5499948 (4233817)		0.2	1.88	43	18	54	1.1	26	5.97	<0.5	30	19.6	33.9	3520	4.95
E5499949 (4233818)		<0.2	2.21	25	14	1080	0.7	22	10.1	<0.5	30	42.4	28.0	3880	6.78
E5499950 (4233819)		<0.2	2.18	7	13	2440	0.9	13	9.27	<0.5	29	29.8	25.9	2590	7.21
E5499951 (4233820)		<0.2	1.93	15	30	57	1.2	16	14.9	0.5	25	21.5	25.7	1340	7.88
E5499952 (4233821)		<0.2	2.61	4	20	26	1.2	20	4.58	<0.5	34	35.3	30.8	578	9.64
E5499953 (4233822)		<0.2	3.13	3	10	24	0.9	18	5.43	<0.5	46	37.5	33.1	918	8.91

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T701794

PROJECT NO: SB ZONE PHASE 2, 2013

5623 McADAM ROAD
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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: JUDY BAKER

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

DATE SAMPLED: Apr 02, 2013

DATE RECEIVED: Apr 02, 2013

DATE REPORTED: Apr 15, 2013

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5499954 (4233823)		<0.2	2.88	5	21	26	1.7	23	5.20	<0.5	32	35.8	34.6	856	9.37
E5499955 (4233824)		<0.2	2.77	3	36	21	1.8	9	6.05	<0.5	30	31.8	38.7	992	8.41
E5499956 (4233825)		<0.2	2.14	10	13	21	1.0	19	7.69	<0.5	34	31.5	51.1	717	8.90
E5499957 (4233826)		<0.2	2.96	26	19	29	0.9	22	9.56	<0.5	27	67.0	28.2	276	8.96
E5499958 (4233827)		<0.2	3.75	24	18	38	1.1	16	7.19	0.5	33	66.0	35.7	429	11.2
E5499959 (4233828)		<0.2	2.67	12	16	5	1.4	24	3.95	<0.5	37	38.9	38.0	269	10.2
E5499960 (4233829)		<0.2	0.03	<1	<5	2	<0.5	<1	0.03	<0.5	18	<0.5	0.9	2.6	0.04
E5499833 (4236269)		1.3	2.17	8	8	24	<0.5	10	7.48	<0.5	22	35.9	116	2850	7.78
E5499834 (4236270)		<0.2	1.69	4	6	22	<0.5	19	6.42	<0.5	15	33.2	120	212	6.15

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

DATE SAMPLED: Apr 02, 2013	DATE RECEIVED: Apr 02, 2013					DATE REPORTED: Apr 15, 2013					SAMPLE TYPE: Drill Core				
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	
E5499890 (4233759)	23	3	<1	0.15	6	45	3.33	2630	4.3	0.02	45.2	835	30.5	29	
E5499891 (4233760)	14	2	<1	0.32	9	17	1.17	1560	2.4	0.02	23.0	1070	23.4	51	
E5499892 (4233761)	12	8	<1	0.26	7	19	1.33	1510	5.8	0.02	24.4	857	18.2	46	
E5499893 (4233762)	11	7	<1	0.41	10	26	1.24	1500	3.6	0.06	47.9	966	27.9	67	
E5499894 (4233763)	7	2	<1	0.44	13	5	0.06	809	5.5	0.03	13.8	1030	23.9	79	
E5499895 (4233764)	7	4	<1	0.45	25	3	0.08	658	8.1	0.03	17.4	2480	30.5	76	
E5499896 (4233765)	6	5	<1	0.46	25	11	0.10	661	10.8	0.04	28.8	2710	28.1	81	
E5499897 (4233766)	6	<1	<1	0.46	27	8	0.13	609	7.9	0.04	32.5	2640	23.7	70	
E5499898 (4233767)	8	3	<1	0.39	15	<1	0.05	650	5.8	0.02	15.7	1880	24.5	65	
E5499899 (4233768)	<5	2	<1	0.29	9	<1	0.04	600	6.4	0.02	8.6	994	12.6	40	
E5499900 (4233769)	<5	<1	<1	0.01	8	<1	0.02	7	<0.5	<0.01	<0.5	44	2.0	<10	
E5499901 (4233770)	<5	2	<1	0.33	11	3	0.05	791	6.5	0.02	9.0	756	26.2	48	
E5499902 (4233771)	7	1	<1	0.43	12	21	0.14	1220	4.7	0.04	31.1	967	26.3	68	
E5499903 (4233772)	7	5	<1	0.42	12	15	0.11	1400	7.0	0.03	18.0	870	25.1	66	
E5499904 (4233773)	14	6	2	0.31	10	32	2.59	1530	3.8	0.03	69.9	894	28.3	53	
E5499905 (4233774)	17	<1	<1	0.29	9	32	3.39	1630	1.1	0.04	74.9	950	31.5	50	
E5499906 (4233775)	17	9	1	0.25	6	32	3.57	1250	1.8	0.04	73.8	791	25.7	48	
E5499907 (4233776)	10	3	2	0.22	7	26	1.97	927	5.2	0.03	29.4	950	22.4	34	
E5499908 (4233777)	10	6	1	0.24	8	22	1.41	1720	7.3	0.03	27.7	713	17.3	44	
E5499909 (4233778)	12	1	2	0.18	7	30	2.16	1460	4.4	0.03	40.4	740	21.3	36	
E5499910 (4233779)	15	6	<1	0.10	11	27	1.92	1200	3.4	0.04	18.9	1370	23.6	23	
E5499911 (4233780)	12	2	1	0.09	7	19	1.78	1310	1.4	0.05	22.3	967	15.7	20	
E5499912 (4233781)	14	4	1	0.03	10	23	2.29	1290	1.6	0.04	13.5	1250	21.0	13	
E5499913 (4233782)	20	2	<1	0.04	9	29	2.66	1630	5.5	0.04	23.2	1230	23.9	17	
E5499914 (4233783)	21	3	<1	0.11	6	37	3.57	1580	2.7	0.06	56.1	893	21.2	27	
E5499915 (4233784)	13	2	<1	0.19	6	30	2.61	1360	3.5	0.05	53.1	746	24.4	39	
E5499916 (4233785)	14	6	<1	0.21	6	53	3.45	1670	4.2	0.05	68.8	670	26.6	43	
E5499917 (4233786)	13	1	<1	0.38	8	41	1.96	1860	4.2	0.03	78.8	668	30.4	58	
E5499918 (4233787)	14	5	<1	0.37	10	39	2.16	2000	2.6	0.06	92.0	859	35.0	56	
E5499919 (4233788)	11	4	<1	0.31	7	42	2.42	1540	2.9	0.05	64.8	673	28.7	44	
E5499920 (4233789)	<5	20	<1	0.26	17	8	0.67	217	4.7	0.01	4.6	63	2800	11	
E5499921 (4233790)	11	5	<1	0.38	8	40	2.32	1490	3.3	0.06	73.4	895	31.0	58	

Certified By:



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

DATE SAMPLED: Apr 02, 2013

DATE RECEIVED: Apr 02, 2013

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SAMPLE TYPE: Drill Core

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
E5499922 (4233791)	16	3	<1	0.27	7	48	3.01	2520	3.6	0.03	75.8	827	30.1	43
E5499923 (4233792)	17	5	<1	0.23	8	43	3.09	2380	3.0	0.15	80.9	891	25.8	48
E5499924 (4233793)	18	5	2	0.30	10	27	1.63	2640	4.1	0.03	79.0	1020	22.0	65
E5499925 (4233794)	15	4	<1	0.33	6	33	1.95	2540	6.3	0.02	90.4	698	24.3	73
E5499926 (4233795)	13	<1	<1	0.44	7	16	1.11	1360	4.0	0.02	106	883	25.1	79
E5499927 (4233796)	13	<1	1	0.36	7	27	1.64	1690	2.6	0.02	88.2	773	22.9	71
E5499928 (4233797)	24	2	<1	0.20	12	51	3.36	2370	12.1	0.04	81.8	914	36.6	37
E5499929 (4233798)	10	1	<1	0.24	6	31	1.96	1560	2.9	0.02	59.4	642	20.6	39
E5499930 (4233799)	9	8	<1	0.24	6	29	1.37	1770	6.8	0.02	50.7	615	23.4	48
E5499931 (4233800)	11	<1	1	0.32	8	19	1.06	1640	5.0	0.02	114	706	25.2	62
E5499932 (4233801)	<5	<1	<1	0.26	5	4	0.12	327	3.1	0.02	10.7	477	10.5	35
E5499933 (4233802)	<5	2	<1	0.34	9	1	0.07	807	7.6	0.02	6.6	651	13.5	61
E5499934 (4233803)	5	2	<1	0.41	17	3	0.11	524	4.5	0.02	12.5	1380	23.2	64
E5499935 (4233804)	<5	5	<1	0.28	12	5	0.12	303	2.3	0.02	7.6	838	14.1	31
E5499936 (4233805)	<5	1	<1	0.16	2	6	0.13	73	2.7	0.01	1.9	140	6.4	15
E5499937 (4233806)	<5	2	<1	0.31	7	2	0.06	294	3.9	0.02	5.5	414	10.4	43
E5499938 (4233807)	<5	1	<1	0.33	6	1	0.06	262	4.8	0.02	5.1	472	11.5	54
E5499939 (4233808)	<5	<1	<1	0.24	9	1	0.06	381	6.8	0.01	4.5	789	13.5	45
E5499940 (4233809)	5	9	2	0.25	29	7	0.94	220	2.7	0.01	5.8	90	2260	13
E5499941 (4233810)	<5	1	<1	0.18	13	2	0.07	948	10.0	0.01	2.2	550	13.5	48
E5499942 (4233811)	12	9	<1	0.50	28	60	1.48	1500	7.3	0.05	83.2	2260	50.3	86
E5499943 (4233812)	20	2	<1	0.29	22	78	2.31	2430	2.8	0.02	69.7	1750	37.2	53
E5499944 (4233813)	12	8	<1	0.25	15	34	1.02	1870	4.7	0.01	18.6	1150	23.9	53
E5499945 (4233814)	12	1	<1	0.32	14	63	1.00	1770	4.0	0.02	17.2	1270	26.7	63
E5499946 (4233815)	12	2	<1	0.27	13	81	1.18	1830	6.6	0.01	19.4	1180	25.0	62
E5499947 (4233816)	14	6	2	0.24	14	109	2.09	2000	4.0	0.02	22.9	1040	27.0	50
E5499948 (4233817)	9	3	2	0.43	12	59	1.02	1040	6.5	0.03	27.8	997	19.7	68
E5499949 (4233818)	15	4	<1	0.25	15	84	1.58	1880	11.0	0.02	39.3	1210	27.0	55
E5499950 (4233819)	14	<1	<1	0.25	10	85	1.48	1760	0.9	0.02	26.6	1090	23.7	54
E5499951 (4233820)	13	3	2	0.25	8	65	1.29	2040	0.7	0.02	10.1	873	21.3	45
E5499952 (4233821)	16	<1	<1	0.11	12	63	2.26	2140	<0.5	0.03	17.9	1230	30.0	20
E5499953 (4233822)	18	3	<1	0.05	16	71	3.08	2240	<0.5	0.02	15.3	1080	27.1	13

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T701794

PROJECT NO: SB ZONE PHASE 2, 2013

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

CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: JUDY BAKER

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

DATE SAMPLED: Apr 02, 2013	DATE RECEIVED: Apr 02, 2013						DATE REPORTED: Apr 15, 2013					SAMPLE TYPE: Drill Core			
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	
Sample ID (AGAT ID)	RDL:														
E5499954 (4233823)	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5499954 (4233823)	15	5	<1	0.08	10	89	3.11	2010	<0.5	0.03	17.1	1200	28.6	16	
E5499955 (4233824)	13	1	<1	0.18	10	86	2.68	1590	0.6	0.03	17.9	1070	25.2	25	
E5499956 (4233825)	14	<1	<1	0.10	10	46	2.35	1520	<0.5	0.04	17.4	1100	19.2	23	
E5499957 (4233826)	15	3	<1	0.18	8	101	1.84	1820	<0.5	0.03	58.6	1110	29.2	35	
E5499958 (4233827)	18	4	<1	0.14	9	154	2.70	2040	<0.5	0.03	31.4	1280	32.7	44	
E5499959 (4233828)	19	4	3	<0.01	11	23	2.52	1400	3.7	0.06	22.7	1320	25.6	12	
E5499960 (4233829)	<5	<1	<1	0.01	8	<1	0.02	9	<0.5	<0.01	<0.5	50	1.5	<10	
E5499833 (4236269)	11	<1	1	0.18	7	22	1.87	1490	<0.5	0.02	36.0	919	22.0	29	
E5499834 (4236270)	9	5	2	0.15	5	18	1.46	1820	<0.5	0.03	35.8	700	16.8	25	

Certified By:



Certificate of Analysis

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

DATE SAMPLED: Apr 02, 2013

DATE RECEIVED: Apr 02, 2013

DATE REPORTED: Apr 15, 2013

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm
E5499890 (4233759)		0.358	9	23.8	<10	54	42.3	<10	<10	<5	0.22	5	<5	228	<1
E5499891 (4233760)		0.216	8	16.4	<10	32	49.4	<10	<10	<5	0.08	<5	<5	161	<1
E5499892 (4233761)		0.338	4	13.0	<10	45	53.6	<10	<10	<5	0.03	<5	<5	134	<1
E5499893 (4233762)		0.104	8	17.6	<10	42	50.1	<10	<10	<5	0.07	<5	<5	207	<1
E5499894 (4233763)		0.242	4	11.3	<10	45	36.9	<10	<10	<5	0.06	<5	<5	128	<1
E5499895 (4233764)		0.337	10	7.5	<10	37	40.0	<10	<10	<5	0.04	<5	<5	126	1
E5499896 (4233765)		0.118	11	6.0	<10	41	47.2	<10	<10	<5	0.03	<5	<5	120	<1
E5499897 (4233766)		0.270	7	5.6	<10	33	44.7	<10	<10	<5	0.03	<5	<5	107	<1
E5499898 (4233767)		0.679	3	6.5	<10	35	32.0	<10	<10	<5	0.02	<5	<5	83.5	<1
E5499899 (4233768)		0.306	4	5.2	<10	39	31.0	<10	<10	<5	0.03	<5	<5	60.2	<1
E5499900 (4233769)		0.007	<1	<0.5	<10	<5	1.3	<10	<10	<5	<0.01	<5	<5	<0.5	<1
E5499901 (4233770)		0.162	9	7.0	<10	42	34.0	<10	<10	<5	0.05	<5	<5	80.4	<1
E5499902 (4233771)		0.252	4	11.8	<10	39	45.6	<10	<10	<5	0.05	<5	<5	134	<1
E5499903 (4233772)		0.409	3	10.8	<10	45	45.5	<10	<10	<5	0.04	<5	<5	104	<1
E5499904 (4233773)		0.086	8	11.8	<10	41	51.0	<10	<10	<5	0.05	<5	<5	137	<1
E5499905 (4233774)		0.085	3	18.4	<10	36	61.1	<10	<10	<5	0.15	<5	<5	175	<1
E5499906 (4233775)		0.107	<1	15.7	12	30	65.8	<10	<10	<5	0.27	<5	<5	180	1
E5499907 (4233776)		0.058	<1	14.1	<10	24	37.8	<10	<10	<5	0.10	<5	<5	148	<1
E5499908 (4233777)		0.226	6	13.7	13	74	72.1	<10	<10	<5	0.04	<5	<5	113	<1
E5499909 (4233778)		0.159	6	13.1	<10	52	49.5	<10	<10	<5	0.06	<5	<5	137	<1
E5499910 (4233779)		0.089	1	20.3	<10	46	40.3	<10	<10	<5	0.25	<5	<5	183	<1
E5499911 (4233780)		0.067	<1	25.7	<10	43	37.2	<10	<10	<5	0.41	<5	<5	223	1
E5499912 (4233781)		0.054	<1	28.0	<10	43	62.0	<10	<10	<5	0.46	<5	<5	283	<1
E5499913 (4233782)		0.099	1	29.1	<10	50	46.7	<10	<10	<5	0.41	<5	<5	292	<1
E5499914 (4233783)		0.058	1	32.4	<10	41	38.4	<10	<10	<5	0.42	<5	<5	256	<1
E5499915 (4233784)		0.093	1	19.1	<10	36	53.9	<10	<10	<5	0.16	<5	<5	171	<1
E5499916 (4233785)		0.126	4	18.6	<10	51	55.5	<10	<10	<5	0.24	<5	<5	160	<1
E5499917 (4233786)		0.558	8	12.4	<10	35	46.2	<10	<10	<5	0.01	<5	<5	122	<1
E5499918 (4233787)		0.137	5	20.7	<10	38	66.4	<10	<10	<5	<0.01	<5	<5	165	<1
E5499919 (4233788)		0.207	2	13.7	<10	34	50.0	<10	<10	<5	0.04	<5	<5	152	<1
E5499920 (4233789)		>10	53	6.0	<10	11	5.4	<10	<10	<5	<0.01	<5	<5	15.7	<1
E5499921 (4233790)		0.118	5	14.9	<10	32	59.4	<10	<10	<5	0.06	5	<5	174	<1

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T701794

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: JUDY BAKER

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

DATE SAMPLED: Apr 02, 2013	DATE RECEIVED: Apr 02, 2013					DATE REPORTED: Apr 15, 2013					SAMPLE TYPE: Drill Core				
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	
E5499922 (4233791)	0.508	7	14.1	<10	39	48.0	<10	<10	<5	0.06	<5	<5	182	<1	
E5499923 (4233792)	0.232	8	19.1	<10	43	70.3	<10	<10	<5	0.15	<5	<5	197	<1	
E5499924 (4233793)	0.169	9	13.0	<10	55	50.1	<10	<10	<5	0.04	<5	<5	142	<1	
E5499925 (4233794)	0.347	4	10.3	<10	44	38.5	<10	<10	<5	0.02	<5	<5	95.2	<1	
E5499926 (4233795)	0.643	2	6.5	<10	32	31.0	<10	<10	<5	0.09	<5	<5	89.7	<1	
E5499927 (4233796)	0.476	4	9.2	<10	32	28.8	<10	<10	<5	0.10	<5	<5	119	<1	
E5499928 (4233797)	1.34	6	20.0	<10	24	24.9	<10	<10	<5	0.13	<5	<5	204	<1	
E5499929 (4233798)	0.071	3	9.6	<10	29	22.6	<10	<10	<5	0.08	<5	<5	116	<1	
E5499930 (4233799)	0.188	5	7.0	<10	53	44.2	<10	<10	<5	0.04	<5	<5	69.7	<1	
E5499931 (4233800)	0.200	3	11.0	10	41	39.4	<10	<10	<5	0.08	<5	<5	89.8	<1	
E5499932 (4233801)	0.169	<1	3.8	<10	9	13.3	<10	<10	<5	0.02	<5	<5	45.0	<1	
E5499933 (4233802)	0.135	5	4.6	<10	49	37.3	<10	<10	<5	0.03	<5	<5	60.0	<1	
E5499934 (4233803)	0.092	6	6.2	<10	23	31.3	<10	<10	<5	0.04	<5	<5	91.1	<1	
E5499935 (4233804)	0.044	6	3.4	<10	13	23.1	<10	<10	<5	0.02	<5	<5	55.0	2	
E5499936 (4233805)	0.018	<1	1.0	<10	<5	8.4	<10	<10	<5	<0.01	<5	<5	16.5	1	
E5499937 (4233806)	0.055	3	3.6	<10	20	18.4	<10	<10	<5	0.02	<5	<5	48.0	<1	
E5499938 (4233807)	0.057	2	4.7	<10	19	21.8	<10	<10	<5	0.02	<5	<5	52.3	<1	
E5499939 (4233808)	0.099	9	5.0	<10	38	28.5	<10	<10	<5	0.02	<5	<5	50.4	<1	
E5499940 (4233809)	8.08	47	8.5	<10	5	6.6	<10	<10	<5	<0.01	<5	5	13.5	<1	
E5499941 (4233810)	0.226	10	6.8	<10	88	40.6	<10	<10	<5	0.04	<5	<5	76.9	<1	
E5499942 (4233811)	0.117	10	13.3	<10	38	53.6	<10	<10	<5	0.05	<5	<5	151	<1	
E5499943 (4233812)	0.088	6	13.1	<10	36	41.8	<10	<10	<5	0.06	<5	<5	153	<1	
E5499944 (4233813)	0.104	4	11.8	<10	48	35.5	<10	<10	<5	0.12	<5	<5	142	<1	
E5499945 (4233814)	0.089	6	15.6	16	41	40.2	<10	<10	<5	0.12	<5	<5	180	<1	
E5499946 (4233815)	0.137	8	13.5	<10	56	49.0	<10	<10	<5	0.11	<5	<5	142	<1	
E5499947 (4233816)	0.099	8	14.5	<10	35	36.1	<10	<10	<5	0.08	<5	<5	143	<1	
E5499948 (4233817)	0.159	4	10.3	<10	28	35.3	<10	<10	<5	0.06	6	<5	97.6	<1	
E5499949 (4233818)	0.219	3	13.0	<10	53	48.4	<10	<10	<5	0.14	7	<5	175	<1	
E5499950 (4233819)	0.210	4	15.0	<10	55	59.8	<10	<10	<5	0.26	<5	<5	185	<1	
E5499951 (4233820)	0.180	8	14.3	<10	80	58.3	<10	<10	<5	0.26	<5	<5	189	<1	
E5499952 (4233821)	0.050	6	21.0	<10	34	28.0	<10	<10	<5	0.26	<5	<5	217	<1	
E5499953 (4233822)	0.066	2	15.5	<10	31	44.0	<10	<10	<5	0.13	<5	<5	187	<1	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T701794

PROJECT NO: SB ZONE PHASE 2, 2013

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: JUDY BAKER

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

DATE SAMPLED: Apr 02, 2013	DATE RECEIVED: Apr 02, 2013					DATE REPORTED: Apr 15, 2013					SAMPLE TYPE: Drill Core				
Sample ID (AGAT ID)	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
E5499954 (4233823)		0.057	1	21.7	<10	39	30.5	<10	<10	<5	0.30	<5	<5	226	1
E5499955 (4233824)		0.072	<1	19.2	<10	44	34.5	<10	<10	<5	0.32	<5	<5	205	<1
E5499956 (4233825)		0.087	2	26.1	<10	59	37.2	<10	<10	<5	0.49	<5	<5	248	<1
E5499957 (4233826)		0.097	3	19.4	<10	60	51.9	<10	<10	<5	0.39	6	<5	200	<1
E5499958 (4233827)		0.074	1	24.2	20	59	41.0	<10	<10	<5	0.57	<5	<5	235	<1
E5499959 (4233828)		0.046	<1	26.8	<10	55	101	<10	<10	<5	0.78	<5	<5	282	<1
E5499960 (4233829)		0.007	<1	0.6	<10	<5	1.3	<10	<10	<5	<0.01	<5	<5	<0.5	<1
E5499833 (4236269)		0.150	7	15.5	<10	35	46.1	<10	<10	<5	0.08	<5	<5	186	<1
E5499834 (4236270)		0.074	<1	12.2	<10	32	36.0	<10	<10	<5	0.05	<5	<5	125	<1

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DATE SAMPLED: Apr 02, 2013 DATE RECEIVED: Apr 02, 2013 DATE REPORTED: Apr 15, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Cu-OL % 0.01	Zn-OL % 0.01
E5499890 (4233759)		19	361	6	1.01	
E5499891 (4233760)		26	156	8		
E5499892 (4233761)		19	185	<5		
E5499893 (4233762)		23	139	<5		
E5499894 (4233763)		23	17.5	<5		
E5499895 (4233764)		22	14.5	6		
E5499896 (4233765)		20	14.3	<5		
E5499897 (4233766)		21	15.0	<5		
E5499898 (4233767)		14	6.0	<5	2.22	
E5499899 (4233768)		10	7.1	<5		
E5499900 (4233769)		<1	0.8	<5		
E5499901 (4233770)		15	12.2	<5		
E5499902 (4233771)		21	24.0	<5		
E5499903 (4233772)		19	20.9	<5	1.01	
E5499904 (4233773)		20	174	<5		
E5499905 (4233774)		20	181	6		
E5499906 (4233775)		17	149	8		
E5499907 (4233776)		18	93.4	<5		
E5499908 (4233777)		16	71.2	<5		
E5499909 (4233778)		16	91.8	<5		
E5499910 (4233779)		28	97.9	12		
E5499911 (4233780)		20	68.6	19		
E5499912 (4233781)		24	93.5	20		
E5499913 (4233782)		26	158	17		
E5499914 (4233783)		20	166	26		
E5499915 (4233784)		17	103	9		
E5499916 (4233785)		16	205	12		
E5499917 (4233786)		16	289	<5	1.86	
E5499918 (4233787)		21	237	<5		
E5499919 (4233788)		16	196	<5		
E5499920 (4233789)		10	>10000	33		3.2
E5499921 (4233790)		19	159	<5		

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

DATE SAMPLED: Apr 02, 2013

DATE RECEIVED: Apr 02, 2013

DATE REPORTED: Apr 15, 2013

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Cu-OL % 0.01	Zn-OL % 0.01
E5499922 (4233791)		18	390	<5	1.48	
E5499923 (4233792)		21	207	<5		
E5499924 (4233793)		22	231	<5		
E5499925 (4233794)		16	339	<5		
E5499926 (4233795)		16	185	<5	2.28	
E5499927 (4233796)		18	237	<5		
E5499928 (4233797)		19	408	6	1.14	
E5499929 (4233798)		14	239	<5		
E5499930 (4233799)		11	177	<5		
E5499931 (4233800)		14	163	6		
E5499932 (4233801)		8	18.0	<5		
E5499933 (4233802)		15	7.0	<5		
E5499934 (4233803)		18	24.1	8		
E5499935 (4233804)		10	18.9	<5		
E5499936 (4233805)		2	3.7	<5		
E5499937 (4233806)		8	6.0	<5		
E5499938 (4233807)		8	6.2	<5		
E5499939 (4233808)		11	12.1	7		
E5499940 (4233809)		15	9020	49		
E5499941 (4233810)		21	7.7	<5		
E5499942 (4233811)		29	153	12		
E5499943 (4233812)		31	354	8		
E5499944 (4233813)		28	206	<5		
E5499945 (4233814)		28	195	<5		
E5499946 (4233815)		26	191	<5		
E5499947 (4233816)		22	293	<5		
E5499948 (4233817)		13	152	6		
E5499949 (4233818)		19	255	<5		
E5499950 (4233819)		19	231	<5		
E5499951 (4233820)		16	196	<5		
E5499952 (4233821)		24	390	6		
E5499953 (4233822)		23	407	<5		

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T701794

PROJECT NO: SB ZONE PHASE 2, 2013

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: JUDY BAKER

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

DATE SAMPLED: Apr 02, 2013 DATE RECEIVED: Apr 02, 2013 DATE REPORTED: Apr 15, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Y	Zn	Zr	Cu-OL	Zn-OL
	Unit:	ppm	ppm	ppm	%	%
	RDL:	1	0.5	5	0.01	0.01
E5499954 (4233823)		21	336	<5		
E5499955 (4233824)		19	245	<5		
E5499956 (4233825)		22	205	7		
E5499957 (4233826)		22	211	<5		
E5499958 (4233827)		24	297	<5		
E5499959 (4233828)		25	154	27		
E5499960 (4233829)		<1	0.9	<5		
E5499833 (4236269)		21	171	<5		
E5499834 (4236270)		15	151	<5		

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T701794
PROJECT NO: SB ZONE PHASE 2, 2013

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: JUDY BAKER

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

DATE SAMPLED: Apr 02, 2013 DATE RECEIVED: Apr 02, 2013 DATE REPORTED: Apr 15, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5499890 (4233759)		1.68	0.010
E5499891 (4233760)		0.99	0.003
E5499892 (4233761)		1.09	0.010
E5499893 (4233762)		1.57	0.003
E5499894 (4233763)		1.75	0.003
E5499895 (4233764)		1.70	0.007
E5499896 (4233765)		1.38	0.007
E5499897 (4233766)		1.68	0.003
E5499898 (4233767)		1.58	0.006
E5499899 (4233768)		1.61	0.014
E5499900 (4233769)		0.05	0.004
E5499901 (4233770)		1.40	0.020
E5499902 (4233771)		1.46	0.013
E5499903 (4233772)		1.63	0.051
E5499904 (4233773)		1.55	0.002
E5499905 (4233774)		1.11	0.001
E5499906 (4233775)		0.71	<0.001
E5499907 (4233776)		1.36	0.005
E5499908 (4233777)		1.31	0.004
E5499909 (4233778)		1.51	0.001
E5499910 (4233779)		1.78	0.003
E5499911 (4233780)		1.66	0.003
E5499912 (4233781)		1.61	0.004
E5499913 (4233782)		1.70	0.003
E5499914 (4233783)		1.45	0.001
E5499915 (4233784)		0.91	0.003
E5499916 (4233785)		0.84	0.007
E5499917 (4233786)		0.82	0.007
E5499918 (4233787)		1.38	0.002
E5499919 (4233788)		1.43	0.005
E5499920 (4233789)		0.05	1.41

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T701794
PROJECT NO: SB ZONE PHASE 2, 2013

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

ATTENTION TO: JUDY BAKER

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

DATE SAMPLED: Apr 02, 2013 DATE RECEIVED: Apr 02, 2013 DATE REPORTED: Apr 15, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm
E5499921 (4233790)		1.63	0.004
E5499922 (4233791)		1.73	0.012
E5499923 (4233792)		1.55	0.004
E5499924 (4233793)		1.15	0.003
E5499925 (4233794)		1.83	0.003
E5499926 (4233795)		0.86	0.139
E5499927 (4233796)		1.84	0.005
E5499928 (4233797)		0.83	0.004
E5499929 (4233798)		1.92	<0.001
E5499930 (4233799)		0.82	<0.001
E5499931 (4233800)		1.78	0.002
E5499932 (4233801)		1.29	0.006
E5499933 (4233802)		1.62	0.009
E5499934 (4233803)		1.55	0.006
E5499935 (4233804)		1.45	0.003
E5499936 (4233805)		1.50	0.003
E5499937 (4233806)		1.58	0.003
E5499938 (4233807)		1.78	0.017
E5499939 (4233808)		1.40	0.003
E5499940 (4233809)		0.05	0.468
E5499941 (4233810)		1.38	0.022
E5499942 (4233811)		1.91	0.006
E5499943 (4233812)		1.39	0.002
E5499944 (4233813)		1.57	0.018
E5499945 (4233814)		1.37	0.002
E5499946 (4233815)		1.45	0.005
E5499947 (4233816)		1.44	0.004
E5499948 (4233817)		1.45	<0.001
E5499949 (4233818)		1.45	0.007
E5499950 (4233819)		1.25	0.004
E5499951 (4233820)		1.49	0.010

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T701794
PROJECT NO: SB ZONE PHASE 2, 2013

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: JUDY BAKER

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

DATE SAMPLED: Apr 02, 2013 DATE RECEIVED: Apr 02, 2013 DATE REPORTED: Apr 15, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
E5499952 (4233821)		1.72	0.001
E5499953 (4233822)		1.40	0.002
E5499954 (4233823)		1.59	<0.001
E5499955 (4233824)		1.48	<0.001
E5499956 (4233825)		1.58	0.005
E5499957 (4233826)		1.52	0.002
E5499958 (4233827)		0.59	0.003
E5499959 (4233828)		0.74	0.004
E5499960 (4233829)		0.05	<0.001
E5499833 (4236269)		0.63	0.008
E5499834 (4236270)		0.76	0.004

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: JUDY BAKER

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	4233759	4.9	4.9	0.0%	4233770	0.3	< 0.2		4233784	1.4	1.2	15.4%	4233796	3.7	3.4	8.5%
Al	4233759	3.94	3.75	4.9%	4233770	0.474	0.493	3.9%	4233784	2.86	2.97	3.8%	4233796	2.74	2.72	0.7%
As	4233759	25	21	17.4%	4233770	54	57	5.4%	4233784	4	3	28.6%	4233796	16	17	6.1%
B	4233759	16	14	13.3%	4233770	17	19	11.1%	4233784	18	19	5.4%	4233796	13	10	26.1%
Ba	4233759	156	154	1.3%	4233770	32	32	0.0%	4233784	14	15	6.9%	4233796	28	27	3.6%
Be	4233759	0.60	0.53	12.4%	4233770	1.13	1.21	6.8%	4233784	0.65	0.71	8.8%	4233796	< 0.5	< 0.5	0.0%
Bi	4233759	27	20	29.8%	4233770	18	15	18.2%	4233784	21	17	21.1%	4233796	11	15	30.8%
Ca	4233759	9.28	9.75	4.9%	4233770	9.59	9.89	3.1%	4233784	6.32	6.98	9.9%	4233796	6.29	6.24	0.8%
Cd	4233759	< 0.5	< 0.5	0.0%	4233770	< 0.5	< 0.5	0.0%	4233784	< 0.5	< 0.5	0.0%	4233796	< 0.5	< 0.5	0.0%
Ce	4233759	20	18	10.5%	4233770	26	28	7.4%	4233784	20	21	4.9%	4233796	21	19	10.0%
Co	4233759	46.3	40.6	13.1%	4233770	3.12	3.97	24.0%	4233784	35.6	37.6	5.5%	4233796	35.3	32.4	8.6%
Cr	4233759	121	110	9.5%	4233770	32.6	36.4	11.0%	4233784	135	144	6.5%	4233796	107	98.2	8.6%
Cu	4233759	10400	10700	2.8%	4233770	2230	2440	9.0%	4233784	1080	1150	6.3%	4233796	9160	8430	8.3%
Fe	4233759	7.18	7.00	2.5%	4233770	4.97	5.19	4.3%	4233784	6.44	7.09	9.6%	4233796	7.65	7.52	1.7%
Ga	4233759	23	18	24.4%	4233770	< 5	< 5	0.0%	4233784	13	12	8.0%	4233796	13	10	26.1%
Hg	4233759	3	4	28.6%	4233770	2	2	0.0%	4233784	2	2	0.0%	4233796	< 1	< 1	0.0%
In	4233759	< 1	< 1	0.0%	4233770	< 1	< 1	0.0%	4233784	< 1	< 1	0.0%	4233796	1	< 1	
K	4233759	0.150	0.143	4.8%	4233770	0.333	0.343	3.0%	4233784	0.192	0.212	9.9%	4233796	0.36	0.35	2.8%
La	4233759	6	5	18.2%	4233770	11	12	8.7%	4233784	6	6	0.0%	4233796	7	7	0.0%
Li	4233759	45	44	2.2%	4233770	3	3	0.0%	4233784	30	33	9.5%	4233796	27	26	3.8%
Mg	4233759	3.33	3.27	1.8%	4233770	0.05	0.05	0.0%	4233784	2.61	2.88	9.8%	4233796	1.64	1.61	1.8%
Mn	4233759	2630	2420	8.3%	4233770	791	858	8.1%	4233784	1360	1440	5.7%	4233796	1690	1570	7.4%
Mo	4233759	4.3	4.4	2.3%	4233770	6.46	6.00	7.4%	4233784	3.53	3.97	11.7%	4233796	2.6	2.1	21.3%
Na	4233759	0.02	0.02	0.0%	4233770	0.02	0.02	0.0%	4233784	0.05	0.05	0.0%	4233796	0.02	0.02	0.0%
Ni	4233759	45.2	40.7	10.5%	4233770	9.0	9.9	9.5%	4233784	53.1	56.1	5.5%	4233796	88.2	80.8	8.8%
P	4233759	835	728	13.7%	4233770	756	826	8.8%	4233784	746	779	4.3%	4233796	773	694	10.8%
Pb	4233759	30.5	26.2	15.2%	4233770	26.2	30.7	15.8%	4233784	24.4	23.7	2.9%	4233796	22.9	23.2	1.3%
Rb	4233759	29	26	10.9%	4233770	48	52	8.0%	4233784	39	42	7.4%	4233796	71	62	13.5%
S	4233759	0.358	0.405	12.3%	4233770	0.162	0.169	4.2%	4233784	0.0933	0.101	7.9%	4233796	0.476	0.452	5.2%
Sb	4233759	9	4	76.9%	4233770	9	12	28.6%	4233784	1	< 1		4233796	4	3	28.6%
Sc	4233759	23.8	21.2	11.6%	4233770	7.01	7.71	9.5%	4233784	19.1	20.1	5.1%	4233796	9.17	8.11	12.3%



CLIENT NAME: SUPERIOR COPPER CORPORATION

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Se	4233759	< 10	< 10	0.0%	4233770	< 10	< 10	0.0%	4233784	< 10	< 10	0.0%	4233796	< 10	< 10	0.0%
Sn	4233759	54	52	3.8%	4233770	42	46	9.1%	4233784	36	38	5.4%	4233796	32	33	3.1%
Sr	4233759	42.3	44.5	5.1%	4233770	34.0	35.1	3.2%	4233784	53.9	61.3	12.8%	4233796	28.8	27.9	3.2%
Ta	4233759	< 10	< 10	0.0%	4233770	< 10	< 10	0.0%	4233784	< 10	< 10	0.0%	4233796	< 10	< 10	0.0%
Te	4233759	< 10	< 10	0.0%	4233770	< 10	< 10	0.0%	4233784	< 10	< 10	0.0%	4233796	< 10	< 10	0.0%
Th	4233759	< 5	< 5	0.0%	4233770	< 5	< 5	0.0%	4233784	< 5	< 5	0.0%	4233796	< 5	< 5	0.0%
Ti	4233759	0.216	0.204	5.7%	4233770	0.05	0.05	0.0%	4233784	0.165	0.180	8.7%	4233796	0.10	0.10	0.0%
Tl	4233759	5	< 5		4233770	< 5	< 5	0.0%	4233784	< 5	< 5	0.0%	4233796	< 5	< 5	0.0%
U	4233759	< 5	< 5	0.0%	4233770	< 5	< 5	0.0%	4233784	< 5	< 5	0.0%	4233796	< 5	< 5	0.0%
V	4233759	228	202	12.1%	4233770	80.4	87.1	8.0%	4233784	171	179	4.6%	4233796	119	110	7.9%
W	4233759	< 1	< 1	0.0%	4233770	< 1	< 1	0.0%	4233784	< 1	< 1	0.0%	4233796	< 1	< 1	0.0%
Y	4233759	19	17	11.1%	4233770	15	16	6.5%	4233784	17	18	5.7%	4233796	18	16	11.8%
Zn	4233759	361	318	12.7%	4233770	12.2	14.0	13.7%	4233784	103	98.6	4.4%	4233796	237	215	9.7%
Zr	4233759	6	5	18.2%	4233770	< 5	< 5	0.0%	4233784	9	9	0.0%	4233796	< 5	< 5	0.0%

Parameter	REPLICATE #5				REPLICATE #6							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	4233810	< 0.2	< 0.2	0.0%	4233821	< 0.2	< 0.2	0.0%				
Al	4233810	0.27	0.27	0.0%	4233821	2.61	2.58	1.2%				
As	4233810	19	23	19.0%	4233821	4	< 1					
B	4233810	12	14	15.4%	4233821	20	23	14.0%				
Ba	4233810	13	13	0.0%	4233821	26	28	7.4%				
Be	4233810	< 0.5	< 0.5	0.0%	4233821	1.2	1.2	0.0%				
Bi	4233810	47	42	11.2%	4233821	20	21	4.9%				
Ca	4233810	19.3	20.3	5.1%	4233821	4.58	4.78	4.3%				
Cd	4233810	2.34	2.35	0.4%	4233821	< 0.5	< 0.5	0.0%				
Ce	4233810	24	24	0.0%	4233821	34	36	5.7%				
Co	4233810	2.22	2.59	15.4%	4233821	35.3	37.4	5.8%				
Cr	4233810	14.8	15.4	4.0%	4233821	30.8	32.3	4.8%				
Cu	4233810	142	146	2.8%	4233821	578	611	5.6%				
Fe	4233810	3.04	3.16	3.9%	4233821	9.64	10.0	3.7%				
Ga	4233810	< 5	< 5	0.0%	4233821	16	17	6.1%				
Hg	4233810	1	< 1		4233821	< 1	< 1	0.0%				
In	4233810	< 1	< 1	0.0%	4233821	< 1	< 1	0.0%				
K	4233810	0.180	0.189	4.9%	4233821	0.11	0.11	0.0%				



CLIENT NAME: SUPERIOR COPPER CORPORATION

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La	4233810	13	13	0.0%	4233821	12	12	0.0%								
Li	4233810	2	2	0.0%	4233821	63	65	3.1%								
Mg	4233810	0.07	0.07	0.0%	4233821	2.26	2.36	4.3%								
Mn	4233810	948	976	2.9%	4233821	2140	2250	5.0%								
Mo	4233810	10.0	10.9	8.6%	4233821	< 0.5	< 0.5	0.0%								
Na	4233810	0.01	0.01	0.0%	4233821	0.03	0.03	0.0%								
Ni	4233810	2.2	2.1	4.7%	4233821	17.9	18.3	2.2%								
P	4233810	550	549	0.2%	4233821	1230	1270	3.2%								
Pb	4233810	13.5	16.8	21.8%	4233821	30.0	29.5	1.7%								
Rb	4233810	48	48	0.0%	4233821	20	21	4.9%								
S	4233810	0.226	0.232	2.6%	4233821	0.0500	0.0529	5.6%								
Sb	4233810	10	8	22.2%	4233821	6	< 1									
Sc	4233810	6.8	6.9	1.5%	4233821	21.0	22.0	4.7%								
Se	4233810	< 10	< 10	0.0%	4233821	< 10	< 10	0.0%								
Sn	4233810	88	96	8.7%	4233821	34	32	6.1%								
Sr	4233810	40.6	41.3	1.7%	4233821	28.0	29.2	4.2%								
Ta	4233810	< 10	< 10	0.0%	4233821	< 10	< 10	0.0%								
Te	4233810	10	12	18.2%	4233821	< 10	< 10	0.0%								
Th	4233810	< 5	< 5	0.0%	4233821	< 5	< 5	0.0%								
Ti	4233810	0.04	0.04	0.0%	4233821	0.264	0.273	3.4%								
Tl	4233810	< 5	< 5	0.0%	4233821	< 5	< 5	0.0%								
U	4233810	< 5	< 5	0.0%	4233821	< 5	< 5	0.0%								
V	4233810	76.9	78.6	2.2%	4233821	217	227	4.5%								
W	4233810	< 1	< 1	0.0%	4233821	< 1	< 1	0.0%								
Y	4233810	21	21	0.0%	4233821	24	25	4.1%								
Zn	4233810	7.7	9.3	18.8%	4233821	390	407	4.3%								
Zr	4233810	< 5	< 5	0.0%	4233821	6	6	0.0%								

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	4236269	0.008	0.006	28.6%	4233770	0.020	0.017	16.2%	4233784	0.003	0.002		4233796	0.005	0.003	
Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	4233810	0.0215	0.0170	23.4%	4233821	0.001	0.001	0.0%								



CLIENT NAME: SUPERIOR COPPER CORPORATION

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

	CRM #1 (CU186)				CRM #2 (CU186)				CRM #3 (CU186)				CRM #4 (GS7E)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag	14	13	92%	80% - 120%	14	15	109%	80% - 120%	14	13	93%	80% - 120%				
Cu	6000	5727	95%	80% - 120%	6000	6522	109%	80% - 120%	6000	5750	96%	80% - 120%				
Mo	360	318	88%	80% - 120%	360	382	106%	80% - 120%	360	325	90%	80% - 120%				

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

	CRM #1 (1P5F)				CRM #2 (CM14)				CRM #3 (1P5F)				CRM #4 (GS7E)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.40	1.47	105%	90% - 110%	0.792	0.772	98%	90% - 110%	1.40	1.3	93%	90% - 110%	7.4	7.1	97%	90% - 110%
	CRM #5 (CM14)															
Parameter	Expect	Actual	Recovery	Limits												
Au	0.792	0.749	95%	90% - 110%												



Method Summary

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 13T701794

PROJECT NO: SB ZONE PHASE 2, 2013

ATTENTION TO: JUDY BAKER

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	MIN-200-12032		AA
Cu-OL			ICP/OES
Sample Login Weight	MIN-12009		BALANCE

Method Summary

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 13T701794

PROJECT NO: SB ZONE PHASE 2, 2013

ATTENTION TO: JUDY BAKER

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
(416) 479-0893

ATTENTION TO: BRUCE EDGAR

PROJECT NO: BCP-2013-SBZONE

AGAT WORK ORDER: 13T695917

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Mar 20, 2013

PAGES (INCLUDING COVER): 22

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: 13T695917
PROJECT NO: BCP-2013-SBZONE

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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 11, 2013	DATE RECEIVED: Mar 12, 2013					DATE REPORTED: Mar 20, 2013					SAMPLE TYPE: Drill Core				
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	
E5499753 (4184615)	0.3	2.98	21	11	8	0.8	14	8.65	<0.5	16	35.5	143	205	5.09	
E5499754 (4184616)	<0.2	1.67	20	8	17	0.6	11	7.27	<0.5	14	35.9	121	48.3	7.04	
E5499755 (4184617)	<0.2	2.23	9	10	11	0.6	4	3.79	<0.5	18	31.0	118	135	6.21	
E5499756 (4184618)	<0.2	2.56	15	9	9	1.1	6	5.01	<0.5	15	26.6	98.9	63.4	4.76	
E5499757 (4184619)	<0.2	2.63	25	9	10	0.9	8	5.15	<0.5	13	29.9	102	62.9	4.66	
E5499758 (4184620)	<0.2	2.21	15	8	26	0.9	13	7.16	<0.5	19	32.2	132	248	7.10	
E5499759 (4184621)	<0.2	2.44	16	9	35	1.5	10	4.74	<0.5	19	44.8	136	211	7.52	
E5499760 (4184622)	17.8	1.00	612	<5	44	<0.5	5	0.05	41.7	55	3.2	183	708	7.11	
E5499761 (4184623)	<0.2	2.46	11	14	18	1.5	9	6.13	<0.5	19	51.6	142	193	7.46	
E5499762 (4184624)	0.6	4.98	29	8	13	0.6	10	5.59	<0.5	18	45.0	133	2130	8.14	
E5499763 (4184625)	0.2	4.96	19	12	14	<0.5	11	4.40	<0.5	18	51.9	143	1270	8.54	
E5499764 (4184626)	2.8	3.54	22	12	17	<0.5	12	7.44	<0.5	14	37.3	96.1	423	6.44	
E5499765 (4184627)	0.3	1.47	18	6	23	<0.5	<1	5.47	<0.5	18	26.3	107	747	3.40	
E5499766 (4184628)	20.5	1.45	139	<5	18	<0.5	19	7.75	<0.5	13	23.9	94.0	>10000	2.76	
E5499767 (4184629)	0.3	1.22	21	<5	27	<0.5	8	5.77	<0.5	23	19.5	71.4	805	3.53	
E5499768 (4184630)	0.7	2.44	30	17	14	2.0	17	5.27	<0.5	50	40.7	46.3	1630	9.25	
E5499769 (4184631)	<0.2	2.17	19	11	15	1.6	20	4.41	<0.5	36	30.0	29.7	668	9.32	
E5499770 (4184632)	<0.2	3.42	25	7	9	0.9	16	5.42	<0.5	30	37.1	29.0	975	9.89	
E5499771 (4184633)	<0.2	2.97	42	14	11	1.4	8	4.75	<0.5	37	40.9	33.1	823	10.3	
E5499772 (4184634)	0.6	3.78	26	21	23	1.4	11	5.86	<0.5	39	47.5	35.9	479	11.7	
E5499773 (4184635)	1.0	2.35	33	13	18	0.9	12	18.1	<0.5	21	29.4	21.6	326	6.33	
E5499774 (4184636)	2.0	2.60	33	17	23	1.4	5	17.5	<0.5	22	26.4	26.9	1250	5.85	
E5499775 (4184637)	0.5	3.19	26	22	18	1.8	16	6.89	<0.5	36	35.6	33.4	2070	9.63	
E5499776 (4184638)	<0.2	2.38	15	9	12	1.2	6	4.97	<0.5	31	30.8	27.0	292	8.97	
E5499777 (4184639)	<0.2	2.00	14	8	18	1.0	10	2.64	<0.5	31	31.1	27.5	281	8.58	
E5499778 (4184640)	0.6	2.59	19	9	17	1.1	10	6.80	<0.5	27	26.9	37.1	498	8.03	
E5499779 (4184641)	1.2	2.66	15	24	20	2.0	15	4.53	<0.5	35	35.9	45.5	244	9.18	
E5499780 (4184642)	27.4	0.93	841	<5	40	<0.5	9	0.13	127	37	6.3	189	1800	10.9	
E5499781 (4184643)	<0.2	2.44	18	23	73	1.7	17	5.09	<0.5	35	34.7	36.0	369	9.46	
E5499782 (4184644)	<0.2	1.60	25	18	11	2.0	22	10.8	<0.5	24	29.4	53.4	984	6.95	
E5499783 (4184645)	2.0	2.01	70	14	29	1.5	6	2.78	<0.5	32	32.0	44.1	>10000	8.98	
E5499784 (4184646)	1.7	3.00	25	22	15	1.8	5	6.61	<0.5	34	40.6	64.8	1220	9.38	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T695917

PROJECT NO: BCP-2013-SBZONE

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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 11, 2013	DATE RECEIVED: Mar 12, 2013					DATE REPORTED: Mar 20, 2013					SAMPLE TYPE: Drill Core				
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	
E5499785 (4184647)	<0.2	3.39	25	11	9	1.1	15	5.25	<0.5	27	37.9	66.8	2240	9.06	
E5499786 (4184648)	<0.2	2.97	12	7	7	0.8	14	4.79	<0.5	24	36.7	63.8	926	8.19	
E5499787 (4184649)	<0.2	2.45	31	<5	5	0.7	7	4.18	<0.5	21	29.0	50.7	6790	7.38	
E5499788 (4184650)	0.8	2.35	18	26	17	2.1	14	7.86	<0.5	30	40.1	63.1	250	8.63	
E5499789 (4184651)	<0.2	2.07	10	17	19	1.4	11	3.08	<0.5	30	37.4	43.8	445	8.40	
E5499790 (4184652)	<0.2	2.18	36	22	34	1.6	11	6.20	<0.5	32	40.3	66.3	115	9.16	
E5499791 (4184653)	<0.2	2.98	14	17	14	1.2	16	4.33	<0.5	26	40.9	64.7	349	9.24	
E5499792 (4184654)	<0.2	2.69	24	25	25	1.8	15	4.92	<0.5	34	40.5	60.7	238	8.86	
E5499793 (4184655)	<0.2	2.60	17	22	29	2.0	10	6.12	<0.5	33	39.1	60.3	226	9.14	
E5499794 (4184656)	<0.2	2.14	24	28	24	2.3	2	3.73	<0.5	34	39.3	64.2	325	8.86	
E5499795 (4184657)	<0.2	2.39	19	18	20	1.5	16	5.19	<0.5	28	37.5	60.9	337	8.54	
E5499796 (4184658)	0.4	2.56	21	6	13	0.9	<1	5.62	<0.5	20	31.1	43.0	686	7.54	
E5499797 (4184659)	<0.2	2.54	15	8	11	0.8	8	6.72	<0.5	22	29.1	66.4	250	7.35	
E5499798 (4184660)	<0.2	2.65	11	<5	10	0.6	6	4.09	<0.5	23	34.1	52.1	134	7.53	
E5499799 (4184661)	<0.2	2.90	26	16	19	1.0	13	5.12	<0.5	29	42.5	55.3	1010	8.56	
E5499800 (4184662)	<0.2	0.03	<1	<5	1	<0.5	<1	0.03	<0.5	15	<0.5	0.9	2.2	0.03	
E5499801 (4184663)	<0.2	2.24	11	10	12	0.7	4	3.25	<0.5	25	38.0	31.8	174	7.78	
E5499802 (4184664)	5.8	0.80	26	8	23	<0.5	9	12.4	<0.5	17	16.2	24.4	2510	4.78	
E5499803 (4184665)	31.9	0.94	54	16	31	0.6	15	7.04	<0.5	27	17.0	37.5	>10000	6.99	
E5499804 (4184666)	32.8	0.83	74	26	30	1.0	23	7.37	<0.5	24	3.4	31.6	>10000	4.44	
E5499805 (4184667)	12.6	2.35	34	19	37	0.7	16	10.3	<0.5	22	38.1	47.1	4540	6.91	
E5499806 (4184668)	6.7	3.36	29	10	23	0.6	17	8.98	<0.5	20	43.6	59.5	2370	8.56	
E5499807 (4184669)	2.3	5.59	21	16	13	0.5	18	4.23	<0.5	25	53.4	85.5	1200	9.66	
E5499808 (4184670)	26.8	3.75	37	17	14	0.5	17	6.19	<0.5	23	39.2	73.7	5630	6.77	
E5499809 (4184671)	0.9	3.41	15	14	12	0.9	10	4.89	<0.5	27	37.4	85.3	794	8.29	
E5499810 (4184672)	<0.2	2.55	17	8	12	0.8	7	7.87	<0.5	22	32.8	83.5	234	7.31	
E5499811 (4184673)	<0.2	2.48	30	12	9	1.2	15	9.05	<0.5	21	34.6	121	179	6.56	
E5499812 (4184674)	<0.2	2.68	16	12	6	1.2	14	3.42	<0.5	27	40.7	92.7	284	7.91	
E5499813 (4184675)	<0.2	3.34	16	13	7	1.2	1	2.94	<0.5	26	41.8	96.8	533	7.55	
E5499814 (4184676)	<0.2	2.48	17	12	13	1.0	12	3.80	<0.5	24	40.4	105	238	7.39	
E5499815 (4184677)	<0.2	3.20	14	12	16	1.1	14	5.48	<0.5	22	40.3	85.6	125	7.24	
E5499816 (4184678)	<0.2	3.14	15	8	14	0.8	<1	2.98	<0.5	21	42.3	103	107	7.10	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T695917

PROJECT NO: BCP-2013-SBZONE

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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 11, 2013	DATE RECEIVED: Mar 12, 2013					DATE REPORTED: Mar 20, 2013					SAMPLE TYPE: Drill Core				
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	
E5499817 (4184679)	2.0	3.47	83	11	6	0.9	7	5.87	<0.5	21	39.5	73.2	1750	6.55	
E5499818 (4184680)	<0.2	3.24	9	11	16	0.9	19	3.94	<0.5	22	42.1	88.5	287	7.57	
E5499819 (4184681)	<0.2	2.96	16	7	14	0.6	11	5.25	<0.5	19	37.6	79.1	276	6.67	
E5499820 (4184682)	16.5	1.01	552	<5	51	<0.5	<1	0.05	39.6	54	2.7	180	708	7.23	
E5499821 (4184683)	<0.2	2.87	13	11	19	0.7	14	3.29	<0.5	20	41.4	72.7	169	7.58	
E5499822 (4184684)	<0.2	2.94	10	12	21	1.0	9	3.19	<0.5	30	44.9	80.0	268	7.44	
E5499823 (4184685)	0.2	2.72	13	14	36	0.7	14	5.40	<0.5	22	35.0	66.2	157	7.00	
E5499824 (4184686)	0.2	2.83	19	20	26	0.8	14	7.50	<0.5	23	37.3	89.7	391	6.76	
E5499825 (4184687)	1.6	3.59	10	32	18	0.9	11	6.41	<0.5	25	39.2	98.1	479	7.12	
E5499826 (4184688)	0.3	4.41	26	29	14	0.9	7	5.31	<0.5	28	46.7	99.1	1290	8.62	
E5499827 (4184689)	1.3	3.63	14	17	13	0.5	10	4.98	<0.5	20	47.5	99.2	617	7.97	
E5499828 (4184690)	0.5	3.30	22	26	18	1.0	8	4.47	<0.5	24	38.7	89.5	592	8.28	
E5499829 (4184691)	0.9	3.61	17	23	13	0.8	18	5.30	<0.5	23	37.5	73.3	936	7.53	
E5499830 (4184692)	0.6	3.35	20	19	15	0.7	14	5.07	<0.5	23	37.7	98.7	1120	7.50	
E5499831 (4184693)	0.7	3.98	25	15	34	0.6	12	5.84	<0.5	21	46.5	89.2	1640	8.69	
E5499832 (4184694)	0.2	3.00	14	29	20	1.1	15	4.70	<0.5	24	39.9	80.2	403	7.29	

Certified By:



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PROJECT NO: BCP-2013-SBZONE

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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 11, 2013	DATE RECEIVED: Mar 12, 2013						DATE REPORTED: Mar 20, 2013					SAMPLE TYPE: Drill Core			
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	
E5499753 (4184615)	11	4	<1	0.02	4	27	2.98	1260	4.3	0.03	51.1	718	21.8	15	
E5499754 (4184616)	10	6	<1	0.05	4	25	1.63	1510	0.9	0.04	50.8	680	16.8	15	
E5499755 (4184617)	8	<1	<1	0.05	5	21	2.54	962	<0.5	0.05	56.0	734	17.8	14	
E5499756 (4184618)	8	2	<1	<0.01	4	50	2.64	973	<0.5	0.01	40.5	598	21.2	11	
E5499757 (4184619)	8	1	<1	<0.01	3	45	2.80	1000	3.4	0.02	59.9	514	18.2	11	
E5499758 (4184620)	12	4	<1	0.04	3	45	2.06	1900	<0.5	0.05	75.1	676	18.3	18	
E5499759 (4184621)	15	6	<1	0.09	3	62	2.39	1850	<0.5	0.03	117	681	19.1	18	
E5499760 (4184622)	<5	9	1	0.21	25	6	0.82	199	<0.5	0.01	5.4	95	2160	<10	
E5499761 (4184623)	17	7	<1	0.05	4	55	2.35	1910	<0.5	0.05	139	781	17.6	19	
E5499762 (4184624)	15	4	<1	0.10	5	58	4.13	3180	<0.5	0.10	99.7	691	28.3	22	
E5499763 (4184625)	17	2	<1	0.17	6	67	4.37	3500	<0.5	0.03	124	739	31.0	29	
E5499764 (4184626)	11	2	<1	0.19	5	51	3.08	2810	<0.5	0.04	95.9	555	25.5	30	
E5499765 (4184627)	6	4	<1	0.19	8	13	1.05	1010	<0.5	0.03	102	528	15.0	30	
E5499766 (4184628)	7	3	<1	0.16	6	17	0.70	931	2.1	0.02	51.1	377	12.7	27	
E5499767 (4184629)	<5	<1	<1	0.23	10	12	0.72	901	0.6	0.03	58.3	412	17.1	34	
E5499768 (4184630)	18	1	<1	0.19	18	44	1.99	1820	2.6	0.05	21.8	1410	22.0	42	
E5499769 (4184631)	12	7	<1	0.18	10	19	1.75	1410	0.5	0.05	15.5	1140	18.2	37	
E5499770 (4184632)	15	6	<1	0.08	10	39	2.69	2300	<0.5	0.03	15.9	1130	25.0	22	
E5499771 (4184633)	20	<1	<1	0.08	11	31	2.48	2340	0.9	0.03	17.9	1340	23.3	25	
E5499772 (4184634)	23	5	<1	0.20	13	49	2.94	3080	<0.5	0.03	19.2	1530	32.4	53	
E5499773 (4184635)	13	3	<1	0.09	8	43	1.71	3040	2.8	0.01	13.5	886	21.6	34	
E5499774 (4184636)	16	<1	<1	0.12	6	45	1.92	3030	3.0	0.02	11.1	829	19.8	46	
E5499775 (4184637)	19	5	<1	0.20	8	35	2.75	2410	<0.5	0.05	21.8	1170	25.2	50	
E5499776 (4184638)	14	6	<1	0.03	8	21	2.20	1650	<0.5	0.04	15.0	1080	21.7	14	
E5499777 (4184639)	13	9	<1	0.05	8	21	2.06	1670	<0.5	0.05	15.0	1120	20.6	15	
E5499778 (4184640)	13	4	<1	0.03	7	30	2.31	2080	<0.5	0.04	12.9	948	20.5	16	
E5499779 (4184641)	20	6	<1	0.04	9	46	2.62	1720	<0.5	0.06	20.0	1200	25.2	19	
E5499780 (4184642)	6	21	<1	0.25	17	7	0.63	229	2.6	0.01	5.5	50	3010	11	
E5499781 (4184643)	19	4	<1	0.04	8	36	2.52	1600	<0.5	0.06	17.5	1220	26.3	18	
E5499782 (4184644)	15	5	<1	0.01	5	19	1.73	1410	0.6	0.04	15.3	1020	14.5	18	
E5499783 (4184645)	17	3	<1	0.04	8	17	1.72	1480	<0.5	0.06	16.5	1260	20.8	15	
E5499784 (4184646)	24	8	<1	0.03	8	29	2.38	2190	1.5	0.04	19.9	1330	26.0	20	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T695917

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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 11, 2013

DATE RECEIVED: Mar 12, 2013

DATE REPORTED: Mar 20, 2013

SAMPLE TYPE: Drill Core

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
Sample ID (AGAT ID)														
E5499785 (4184647)	19	8	<1	0.02	7	27	2.89	1950	<0.5	0.03	28.6	1060	23.7	15
E5499786 (4184648)	17	3	<1	0.02	6	27	2.81	1880	<0.5	0.03	30.0	927	21.4	13
E5499787 (4184649)	12	4	<1	0.01	5	23	2.19	1280	<0.5	0.03	25.4	813	17.5	12
E5499788 (4184650)	21	2	<1	0.02	7	27	2.44	1830	<0.5	0.04	29.1	1150	26.3	18
E5499789 (4184651)	15	2	<1	0.06	8	20	2.26	1520	<0.5	0.05	26.4	1120	20.1	17
E5499790 (4184652)	17	6	<1	0.06	7	25	2.41	1560	1.4	0.05	31.2	1160	22.3	20
E5499791 (4184653)	17	2	<1	0.03	7	29	3.01	1820	<0.5	0.04	30.3	920	24.8	14
E5499792 (4184654)	18	3	<1	0.13	9	35	2.63	2010	<0.5	0.04	32.2	1160	28.2	39
E5499793 (4184655)	19	5	<1	0.08	8	43	2.41	1890	<0.5	0.04	29.2	1150	29.7	27
E5499794 (4184656)	17	3	<1	0.07	8	21	2.36	1800	<0.5	0.05	30.9	1200	21.9	23
E5499795 (4184657)	16	1	<1	0.04	6	24	2.56	1960	<0.5	0.05	29.7	1010	23.2	19
E5499796 (4184658)	11	2	<1	0.01	4	24	2.54	1700	<0.5	0.03	25.2	751	17.6	13
E5499797 (4184659)	14	2	<1	0.02	6	27	2.43	1550	0.5	0.03	22.7	808	18.2	13
E5499798 (4184660)	14	2	<1	0.07	6	21	2.45	1380	<0.5	0.04	28.2	927	17.1	20
E5499799 (4184661)	18	6	<1	0.13	8	26	2.54	1930	0.9	0.06	36.5	1140	21.2	35
E5499800 (4184662)	<5	<1	<1	0.01	7	<1	0.02	9	<0.5	<0.01	<0.5	37	<0.5	<10
E5499801 (4184663)	12	4	<1	0.09	7	19	2.19	1320	<0.5	0.05	32.8	1030	17.4	23
E5499802 (4184664)	6	4	<1	0.36	6	5	0.27	1600	2.4	0.02	17.6	746	14.9	78
E5499803 (4184665)	8	<1	<1	0.41	10	6	0.26	1170	1.0	0.03	25.8	1150	21.6	76
E5499804 (4184666)	6	4	<1	0.49	10	5	0.08	748	2.7	0.05	7.8	864	26.3	96
E5499805 (4184667)	13	5	<1	0.43	8	20	1.09	2810	0.8	0.02	41.3	1010	24.8	89
E5499806 (4184668)	14	4	<1	0.26	7	40	2.29	2710	<0.5	0.03	39.7	853	28.5	47
E5499807 (4184669)	22	3	<1	0.16	8	84	4.76	3380	<0.5	0.02	41.2	1010	32.3	36
E5499808 (4184670)	17	5	<1	0.25	8	47	2.66	2920	<0.5	0.03	36.1	880	27.1	51
E5499809 (4184671)	18	6	<1	0.15	7	48	3.00	2310	<0.5	0.04	35.5	986	23.5	35
E5499810 (4184672)	15	6	<1	0.07	6	33	2.69	1580	1.1	0.04	31.1	908	18.5	22
E5499811 (4184673)	17	6	<1	0.03	5	41	2.75	1630	1.9	0.04	30.1	901	18.7	19
E5499812 (4184674)	18	<1	<1	0.02	7	34	3.08	1560	<0.5	0.05	35.7	1240	19.1	13
E5499813 (4184675)	19	3	<1	0.02	6	40	3.65	1850	<0.5	0.03	40.2	1030	23.0	12
E5499814 (4184676)	16	<1	<1	0.06	6	28	2.83	1710	0.6	0.04	27.5	1040	21.2	17
E5499815 (4184677)	16	2	<1	0.05	6	38	3.31	1790	0.6	0.03	31.3	980	24.8	17
E5499816 (4184678)	17	2	<1	0.04	6	39	3.57	1690	0.7	0.03	39.9	963	26.1	12

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T695917

PROJECT NO: BCP-2013-SBZONE

5623 McADAM ROAD
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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 11, 2013	DATE RECEIVED: Mar 12, 2013						DATE REPORTED: Mar 20, 2013					SAMPLE TYPE: Drill Core			
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	
Sample ID (AGAT ID)	RDL:														
E5499817 (4184679)	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
E5499818 (4184680)	17	4	<1	0.02	5	39	3.54	1970	0.8	0.03	47.2	795	24.8	14	
E5499819 (4184681)	16	3	<1	0.06	6	35	3.56	2140	<0.5	0.03	51.7	909	23.8	17	
E5499820 (4184682)	12	3	<1	0.10	5	31	3.12	2010	<0.5	0.04	44.7	812	20.4	23	
E5499821 (4184683)	<5	9	<1	0.22	25	7	0.85	194	0.6	0.01	5.1	76	2080	10	
E5499822 (4184684)	13	3	<1	0.11	6	25	3.08	1960	<0.5	0.08	50.5	849	18.6	24	
E5499823 (4184685)	14	2	<1	0.15	9	28	3.05	2100	<0.5	0.05	48.8	1280	22.1	32	
E5499824 (4184686)	12	2	<1	0.18	6	29	2.49	1770	<0.5	0.18	47.0	869	20.1	38	
E5499825 (4184687)	11	6	<1	0.26	7	34	2.08	2040	1.6	0.15	53.6	896	23.8	51	
E5499826 (4184688)	15	3	<1	0.28	8	65	2.97	1760	<0.5	0.07	49.4	996	28.3	54	
E5499827 (4184689)	20	6	<1	0.18	9	78	4.17	2270	<0.5	0.05	48.4	826	32.0	35	
E5499828 (4184690)	17	3	<1	0.16	6	52	3.61	2280	<0.5	0.04	48.1	807	25.8	33	
E5499829 (4184691)	15	<1	<1	0.37	7	35	3.21	1660	<0.5	0.07	50.4	935	22.5	66	
E5499830 (4184692)	12	<1	<1	0.27	7	42	3.37	1560	<0.5	0.07	44.8	813	26.7	49	
E5499831 (4184693)	12	5	<1	0.27	8	48	3.09	1760	<0.5	0.07	45.9	870	24.6	47	
E5499832 (4184694)	15	4	<1	0.30	8	56	3.10	2150	<0.5	0.05	46.3	764	26.5	52	
E5499833 (4184694)	11	<1	<1	0.37	8	32	2.28	1240	1.1	0.06	63.2	785	28.0	60	

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

DATE SAMPLED: Mar 11, 2013	DATE RECEIVED: Mar 12, 2013					DATE REPORTED: Mar 20, 2013					SAMPLE TYPE: Drill Core				
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	
E5499753 (4184615)	0.087	<1	8.6	<10	57	91.1	<10	<10	<5	0.35	<5	<5	159	<1	
E5499754 (4184616)	0.066	<1	12.1	<10	45	31.1	<10	<10	<5	0.30	<5	<5	133	<1	
E5499755 (4184617)	0.030	<1	10.1	<10	31	63.7	<10	<10	<5	0.35	<5	<5	152	<1	
E5499756 (4184618)	0.039	<1	8.9	<10	40	123	<10	<10	<5	0.42	<5	<5	113	<1	
E5499757 (4184619)	0.040	<1	8.7	<10	42	99.8	<10	<10	<5	0.41	<5	<5	92.6	<1	
E5499758 (4184620)	0.065	<1	18.8	<10	71	28.1	<10	<10	<5	0.82	<5	<5	190	<1	
E5499759 (4184621)	0.038	<1	16.8	<10	57	48.7	<10	<10	<5	0.76	<5	<5	172	<1	
E5499760 (4184622)	7.42	<1	1.4	<10	<5	5.6	<10	<10	11	<0.01	<5	5	13.9	<1	
E5499761 (4184623)	0.056	<1	18.4	<10	64	63.4	<10	<10	<5	0.75	<5	<5	200	<1	
E5499762 (4184624)	0.104	6	10.6	10	36	63.8	<10	<10	<5	0.24	<5	<5	153	<1	
E5499763 (4184625)	0.063	2	7.7	<10	18	46.7	<10	<10	<5	0.03	<5	7	151	<1	
E5499764 (4184626)	0.080	4	3.2	<10	33	62.6	<10	<10	<5	0.02	<5	6	108	<1	
E5499765 (4184627)	0.055	2	<0.5	<10	24	26.3	<10	<10	<5	0.03	<5	<5	58.8	<1	
E5499766 (4184628)	0.102	5	<0.5	12	37	27.3	<10	<10	<5	0.01	<5	<5	48.6	<1	
E5499767 (4184629)	0.052	3	1.4	<10	25	25.2	<10	<10	<5	0.03	<5	<5	70.5	<1	
E5499768 (4184630)	0.052	5	20.4	<10	35	54.3	<10	<10	<5	0.23	<5	<5	277	<1	
E5499769 (4184631)	0.042	<1	19.5	<10	45	35.8	<10	<10	<5	0.55	<5	<5	254	<1	
E5499770 (4184632)	0.070	5	14.0	<10	33	35.8	<10	<10	<5	0.20	<5	<5	223	<1	
E5499771 (4184633)	0.047	3	22.8	<10	42	37.0	<10	<10	<5	0.39	<5	<5	258	<1	
E5499772 (4184634)	0.056	5	18.2	<10	35	36.4	<10	<10	<5	0.22	<5	<5	263	<1	
E5499773 (4184635)	0.198	10	9.8	<10	89	86.5	<10	<10	<5	0.18	<5	5	144	<1	
E5499774 (4184636)	0.190	5	15.2	<10	101	79.1	<10	<10	<5	0.48	<5	<5	181	<1	
E5499775 (4184637)	0.070	<1	26.8	<10	71	50.0	<10	<10	<5	0.82	<5	<5	303	<1	
E5499776 (4184638)	0.047	1	23.9	<10	49	49.2	<10	<10	<5	0.59	<5	<5	245	<1	
E5499777 (4184639)	0.022	<1	19.7	<10	36	30.3	<10	<10	<5	0.53	<5	<5	232	<1	
E5499778 (4184640)	0.072	<1	18.7	<10	61	43.2	<10	<10	<5	0.61	<5	<5	210	<1	
E5499779 (4184641)	0.038	<1	32.2	<10	56	34.5	<10	<10	<5	0.76	<5	<5	306	<1	
E5499780 (4184642)	>10	<1	<0.5	<10	9	5.3	<10	<10	<5	<0.01	<5	5	16.9	<1	
E5499781 (4184643)	0.048	<1	29.1	<10	66	34.6	<10	<10	<5	0.82	<5	<5	294	<1	
E5499782 (4184644)	0.108	<1	19.8	<10	87	62.9	<10	<10	<5	0.78	<5	<5	241	<1	
E5499783 (4184645)	0.028	<1	14.0	<10	49	27.4	<10	<10	<5	0.74	<5	<5	263	<1	
E5499784 (4184646)	0.082	<1	30.0	<10	73	50.5	<10	<10	<5	0.88	<5	<5	329	<1	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T695917

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ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Mar 11, 2013	DATE RECEIVED: Mar 12, 2013					DATE REPORTED: Mar 20, 2013					SAMPLE TYPE: Drill Core				
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	
E5499785 (4184647)	0.080	<1	18.8	<10	51	47.8	<10	<10	<5	0.61	<5	<5	254	<1	
E5499786 (4184648)	0.061	2	18.5	<10	48	45.9	<10	<10	<5	0.51	<5	<5	240	<1	
E5499787 (4184649)	0.211	<1	15.4	<10	45	75.4	<10	<10	<5	0.59	<5	<5	228	<1	
E5499788 (4184650)	0.076	<1	26.3	17	72	49.8	<10	<10	<5	0.73	<5	<5	277	<1	
E5499789 (4184651)	0.030	<1	19.0	<10	44	41.5	<10	<10	<5	0.62	<5	<5	233	<1	
E5499790 (4184652)	0.054	<1	28.4	<10	66	50.3	<10	<10	<5	0.76	<5	<5	260	<1	
E5499791 (4184653)	0.037	2	19.6	<10	47	59.0	<10	<10	<5	0.54	<5	<5	266	<1	
E5499792 (4184654)	0.039	<1	28.0	<10	61	54.7	<10	<10	<5	0.78	<5	<5	271	<1	
E5499793 (4184655)	0.053	<1	25.2	<10	59	52.9	<10	<10	<5	0.68	<5	<5	250	<1	
E5499794 (4184656)	0.032	<1	25.9	11	58	37.6	<10	<10	<5	0.89	<5	<5	298	<1	
E5499795 (4184657)	0.047	<1	23.0	<10	57	39.5	<10	<10	<5	0.72	<5	<5	255	<1	
E5499796 (4184658)	0.053	3	13.5	<10	50	59.6	<10	<10	<5	0.52	<5	<5	267	<1	
E5499797 (4184659)	0.062	3	15.2	<10	48	45.7	<10	<10	<5	0.39	<5	<5	190	<1	
E5499798 (4184660)	0.033	<1	11.4	<10	38	42.6	<10	<10	<5	0.32	<5	<5	193	<1	
E5499799 (4184661)	0.063	1	18.8	<10	41	40.6	<10	<10	<5	0.41	<5	<5	241	<1	
E5499800 (4184662)	<0.005	<1	<0.5	<10	<5	1.4	<10	<10	<5	<0.01	<5	<5	<0.5	<1	
E5499801 (4184663)	0.024	<1	11.0	<10	31	32.4	<10	<10	<5	0.32	<5	<5	204	<1	
E5499802 (4184664)	0.198	5	3.4	<10	57	40.6	<10	<10	<5	0.06	<5	<5	109	<1	
E5499803 (4184665)	0.374	4	5.4	<10	30	35.6	<10	<10	<5	0.07	6	<5	162	<1	
E5499804 (4184666)	0.568	7	2.1	<10	32	40.6	<10	<10	<5	0.03	<5	<5	102	<1	
E5499805 (4184667)	0.214	6	10.8	<10	47	42.0	<10	<10	<5	0.05	<5	5	138	<1	
E5499806 (4184668)	0.148	7	6.7	<10	44	39.9	<10	<10	<5	0.09	<5	<5	147	<1	
E5499807 (4184669)	0.062	5	10.8	<10	20	35.7	<10	<10	<5	0.03	<5	6	189	<1	
E5499808 (4184670)	0.186	5	7.5	<10	29	38.6	<10	<10	<5	0.05	<5	5	154	<1	
E5499809 (4184671)	0.059	<1	19.1	<10	42	35.8	<10	<10	<5	0.43	<5	<5	236	<1	
E5499810 (4184672)	0.076	2	14.7	<10	59	49.0	<10	<10	<5	0.48	<5	<5	205	<1	
E5499811 (4184673)	0.088	<1	13.0	<10	65	51.2	<10	<10	<5	0.48	<5	<5	191	<1	
E5499812 (4184674)	0.029	<1	15.0	11	45	46.2	<10	<10	<5	0.60	<5	<5	218	<1	
E5499813 (4184675)	0.030	<1	15.9	<10	45	55.9	<10	<10	<5	0.69	<5	<5	243	<1	
E5499814 (4184676)	0.033	<1	16.6	<10	36	37.3	<10	<10	<5	0.38	<5	<5	229	<1	
E5499815 (4184677)	0.048	5	12.6	17	40	88.3	<10	<10	<5	0.37	<5	<5	208	<1	
E5499816 (4184678)	0.021	<1	12.7	<10	27	68.5	<10	<10	<5	0.26	<5	<5	189	<1	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T695917

PROJECT NO: BCP-2013-SBZONE

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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 11, 2013	DATE RECEIVED: Mar 12, 2013					DATE REPORTED: Mar 20, 2013					SAMPLE TYPE: Drill Core				
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	
E5499817 (4184679)	0.074	<1	13.6	<10	47	47.6	<10	<10	<5	0.42	<5	<5	187	<1	
E5499818 (4184680)	0.035	<1	11.6	11	33	44.2	<10	<10	<5	0.31	<5	<5	196	<1	
E5499819 (4184681)	0.051	4	11.2	<10	38	44.4	<10	<10	<5	0.30	<5	<5	183	<1	
E5499820 (4184682)	7.48	<1	1.1	<10	<5	5.3	<10	<10	9	<0.01	<5	<5	13.6	<1	
E5499821 (4184683)	0.027	3	11.8	<10	28	40.8	<10	<10	<5	0.30	<5	<5	215	<1	
E5499822 (4184684)	0.027	3	14.1	16	31	52.3	<10	<10	<5	0.35	<5	<5	203	<1	
E5499823 (4184685)	0.051	4	13.4	<10	39	49.2	<10	<10	<5	0.30	<5	<5	192	<1	
E5499824 (4184686)	0.080	7	17.5	<10	46	55.0	<10	<10	<5	0.26	<5	<5	196	<1	
E5499825 (4184687)	0.068	3	15.6	<10	35	41.0	<10	<10	<5	0.18	<5	<5	216	<1	
E5499826 (4184688)	0.074	2	14.3	<10	36	48.1	<10	<10	<5	0.22	<5	<5	220	<1	
E5499827 (4184689)	0.055	<1	12.8	12	31	30.5	<10	<10	<5	0.15	<5	<5	193	<1	
E5499828 (4184690)	0.047	<1	14.6	<10	33	42.5	<10	<10	<5	0.28	<5	<5	223	<1	
E5499829 (4184691)	0.067	5	10.5	<10	35	39.7	<10	<10	<5	0.22	<5	<5	193	<1	
E5499830 (4184692)	0.070	7	14.9	<10	27	42.6	<10	<10	<5	0.08	<5	<5	196	<1	
E5499831 (4184693)	0.090	6	8.3	<10	29	36.7	<10	<10	<5	0.05	<5	<5	177	<1	
E5499832 (4184694)	0.047	2	7.2	<10	25	42.7	<10	<10	<5	0.15	<5	<5	188	<1	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T695917

PROJECT NO: BCP-2013-SBZONE

5623 McADAM ROAD
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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 11, 2013	DATE RECEIVED: Mar 12, 2013			DATE REPORTED: Mar 20, 2013		SAMPLE TYPE: Drill Core
Analyte:	Y	Zn	Zr	Cu-OL	Zn-OL	
Unit:	ppm	ppm	ppm	%	%	
RDL:	1	0.5	5	0.01	0.01	
Sample ID (AGAT ID)						
E5499753 (4184615)	12	155	14			
E5499754 (4184616)	13	152	10			
E5499755 (4184617)	13	80.8	18			
E5499756 (4184618)	10	73.6	15			
E5499757 (4184619)	10	66.8	17			
E5499758 (4184620)	15	224	43			
E5499759 (4184621)	15	256	37			
E5499760 (4184622)	12	8430	45			
E5499761 (4184623)	16	238	39			
E5499762 (4184624)	15	494	<5			
E5499763 (4184625)	16	591	<5			
E5499764 (4184626)	12	291	<5			
E5499765 (4184627)	8	112	<5			
E5499766 (4184628)	7	119	<5	1.74		
E5499767 (4184629)	10	86.1	<5			
E5499768 (4184630)	43	145	17			
E5499769 (4184631)	27	121	32			
E5499770 (4184632)	24	317	13			
E5499771 (4184633)	31	269	31			
E5499772 (4184634)	32	415	16			
E5499773 (4184635)	17	253	11			
E5499774 (4184636)	19	266	24			
E5499775 (4184637)	28	168	47			
E5499776 (4184638)	22	177	43			
E5499777 (4184639)	23	165	43			
E5499778 (4184640)	19	234	39			
E5499779 (4184641)	27	139	41			
E5499780 (4184642)	9	>10000	35		2.96	
E5499781 (4184643)	27	124	48			
E5499782 (4184644)	19	116	35			
E5499783 (4184645)	23	175	43	1.39		
E5499784 (4184646)	28	255	51			

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ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Mar 11, 2013	DATE RECEIVED: Mar 12, 2013			DATE REPORTED: Mar 20, 2013		SAMPLE TYPE: Drill Core
Analyte:	Y	Zn	Zr	Cu-OL	Zn-OL	
Unit:	ppm	ppm	ppm	%	%	
RDL:	1	0.5	5	0.01	0.01	
Sample ID (AGAT ID)						
E5499785 (4184647)	21	265	25			
E5499786 (4184648)	19	245	22			
E5499787 (4184649)	16	180	25			
E5499788 (4184650)	23	154	46			
E5499789 (4184651)	22	125	37			
E5499790 (4184652)	23	132	55			
E5499791 (4184653)	20	179	27			
E5499792 (4184654)	26	197	58			
E5499793 (4184655)	25	159	37			
E5499794 (4184656)	26	165	62			
E5499795 (4184657)	21	175	39			
E5499796 (4184658)	15	183	18			
E5499797 (4184659)	17	178	18			
E5499798 (4184660)	17	139	16			
E5499799 (4184661)	23	187	24			
E5499800 (4184662)	<1	0.7	<5			
E5499801 (4184663)	19	102	20			
E5499802 (4184664)	18	52.1	<5			
E5499803 (4184665)	29	61.0	<5	1.02		
E5499804 (4184666)	23	10.2	<5	1.52		
E5499805 (4184667)	22	197	<5			
E5499806 (4184668)	17	300	<5			
E5499807 (4184669)	22	533	<5			
E5499808 (4184670)	18	394	<5			
E5499809 (4184671)	21	255	15			
E5499810 (4184672)	16	163	18			
E5499811 (4184673)	15	172	17			
E5499812 (4184674)	18	180	24			
E5499813 (4184675)	18	256	23			
E5499814 (4184676)	19	206	16			
E5499815 (4184677)	16	230	13			
E5499816 (4184678)	16	224	11			

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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 11, 2013 DATE RECEIVED: Mar 12, 2013 DATE REPORTED: Mar 20, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Y	Zn	Zr	Cu-OL	Zn-OL
	Unit:	ppm	ppm	ppm	%	%
	RDL:	1	0.5	5	0.01	0.01
E5499817 (4184679)		15	372	14		
E5499818 (4184680)		16	336	14		
E5499819 (4184681)		14	270	14		
E5499820 (4184682)		12	8060	44		
E5499821 (4184683)		16	235	15		
E5499822 (4184684)		22	257	20		
E5499823 (4184685)		18	96.0	14		
E5499824 (4184686)		20	121	10		
E5499825 (4184687)		21	170	6		
E5499826 (4184688)		18	275	6		
E5499827 (4184689)		17	244	5		
E5499828 (4184690)		19	124	8		
E5499829 (4184691)		16	117	6		
E5499830 (4184692)		19	175	<5		
E5499831 (4184693)		18	279	<5		
E5499832 (4184694)		19	122	9		

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T695917

PROJECT NO: BCP-2013-SBZONE

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Mar 11, 2013

DATE RECEIVED: Mar 12, 2013

DATE REPORTED: Mar 20, 2013

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
E5499753 (4184615)		0.61	0.011	
E5499754 (4184616)		0.79	0.002	
E5499755 (4184617)		0.77	0.005	
E5499756 (4184618)		0.73	0.004	
E5499757 (4184619)		0.72	0.027	
E5499758 (4184620)		0.79	0.008	
E5499759 (4184621)		0.85	0.002	
E5499760 (4184622)		0.05	0.464	
E5499761 (4184623)		0.45	0.003	
E5499762 (4184624)		0.77	0.004	
E5499763 (4184625)		0.92	0.002	
E5499764 (4184626)		0.86	0.004	
E5499765 (4184627)		0.63	0.001	
E5499766 (4184628)		0.78	0.006	
E5499767 (4184629)		0.65	0.001	
E5499768 (4184630)		0.81	0.004	
E5499769 (4184631)		0.76	0.006	
E5499770 (4184632)		1.02	0.006	
E5499771 (4184633)		1.11	0.002	
E5499772 (4184634)		0.71	0.002	
E5499773 (4184635)		0.77	<0.001	
E5499774 (4184636)		0.85	0.004	
E5499775 (4184637)		0.76	0.004	
E5499776 (4184638)		0.92	0.002	
E5499777 (4184639)		0.63	0.002	
E5499778 (4184640)		1.06	0.005	
E5499779 (4184641)		0.95	0.004	
E5499780 (4184642)		0.05	1.41	
E5499781 (4184643)		1.45	0.004	
E5499782 (4184644)		0.84	0.005	
E5499783 (4184645)		0.73	0.007	

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Certificate of Analysis

AGAT WORK ORDER: 13T695917

PROJECT NO: BCP-2013-SBZONE

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Mar 11, 2013

DATE RECEIVED: Mar 12, 2013

DATE REPORTED: Mar 20, 2013

SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
E5499784 (4184646)		0.94	0.004	
E5499785 (4184647)		0.69	0.003	
E5499786 (4184648)		1.23	0.004	
E5499787 (4184649)		0.89	0.009	
E5499788 (4184650)		0.75	0.026	
E5499789 (4184651)		1.77	0.004	
E5499790 (4184652)		0.51	0.002	
E5499791 (4184653)		1.01	0.004	
E5499792 (4184654)		0.88	0.002	
E5499793 (4184655)		1.93	0.012	
E5499794 (4184656)		1.41	0.003	
E5499795 (4184657)		2.00	0.003	
E5499796 (4184658)		0.65	0.004	
E5499797 (4184659)		0.95	0.002	
E5499798 (4184660)		0.69	0.027	
E5499799 (4184661)		0.94	0.012	
E5499800 (4184662)		0.05	0.002	
E5499801 (4184663)		0.87	0.003	
E5499802 (4184664)		1.65	0.011	
E5499803 (4184665)		0.91	>10	12.2
E5499804 (4184666)		1.54	4.83	
E5499805 (4184667)		1.15	0.052	
E5499806 (4184668)		0.85	0.013	
E5499807 (4184669)		1.07	0.009	
E5499808 (4184670)		0.81	0.006	
E5499809 (4184671)		0.86	0.008	
E5499810 (4184672)		1.55	0.031	
E5499811 (4184673)		1.74	0.016	
E5499812 (4184674)		0.94	0.009	
E5499813 (4184675)		0.97	0.005	
E5499814 (4184676)		0.95	0.003	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13T695917

PROJECT NO: BCP-2013-SBZONE

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CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

DATE SAMPLED: Mar 11, 2013 DATE RECEIVED: Mar 12, 2013 DATE REPORTED: Mar 20, 2013 SAMPLE TYPE: Drill Core

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au	Au-Grav
	Unit:	kg	ppm	g/t
	RDL:	0.01	0.001	0.05
E5499815 (4184677)		1.35	0.004	
E5499816 (4184678)		0.76	0.003	
E5499817 (4184679)		0.78	0.022	
E5499818 (4184680)		0.97	0.029	
E5499819 (4184681)		1.51	0.002	
E5499820 (4184682)		0.05	0.503	
E5499821 (4184683)		0.87	0.005	
E5499822 (4184684)		0.96	0.003	
E5499823 (4184685)		0.74	0.004	
E5499824 (4184686)		1.49	0.008	
E5499825 (4184687)		1.66	0.004	
E5499826 (4184688)		1.39	0.004	
E5499827 (4184689)		1.77	0.020	
E5499828 (4184690)		0.78	0.003	
E5499829 (4184691)		1.40	0.005	
E5499830 (4184692)		1.33	0.027	
E5499831 (4184693)		1.57	0.006	
E5499832 (4184694)		1.66	0.009	

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	4184615	0.3	< 0.2		4184640	0.6	1.1		4184651	< 0.2	< 0.2	0.0%	4184663	< 0.2	< 0.2	0.0%
Al	4184615	2.98	2.84	4.8%	4184640	2.59	2.76	6.4%	4184651	2.07	2.13	2.9%	4184663	2.24	2.34	4.4%
As	4184615	21	16	27.0%	4184640	19	22	14.6%	4184651	10	13	26.1%	4184663	11	14	24.0%
B	4184615	11	8		4184640	9	10	10.5%	4184651	17	13	26.7%	4184663	10	13	26.1%
Ba	4184615	8	6	28.6%	4184640	17	17	0.0%	4184651	19	20	5.1%	4184663	12	14	15.4%
Be	4184615	0.75	0.71	5.5%	4184640	1.07	1.00	6.8%	4184651	1.4	1.1	24.0%	4184663	0.7	0.8	13.3%
Bi	4184615	14	17	19.4%	4184640	10	14		4184651	11	9	20.0%	4184663	4	< 1	
Ca	4184615	8.65	8.25	4.7%	4184640	6.80	7.34	7.6%	4184651	3.08	3.16	2.6%	4184663	3.25	3.41	4.8%
Cd	4184615	< 0.5	< 0.5	0.0%	4184640	< 0.5	< 0.5	0.0%	4184651	< 0.5	< 0.5	0.0%	4184663	< 0.5	< 0.5	0.0%
Ce	4184615	16	14	13.3%	4184640	27	29	7.1%	4184651	30	29	3.4%	4184663	25	27	7.7%
Co	4184615	35.5	29.6	18.1%	4184640	26.9	29.8	10.2%	4184651	37.4	34.7	7.5%	4184663	38.0	41.2	8.1%
Cr	4184615	143	124	14.2%	4184640	37.1	40.7	9.3%	4184651	43.8	44.0	0.5%	4184663	31.8	33.6	5.5%
Cu	4184615	205	176	15.2%	4184640	498	555	10.8%	4184651	445	450	1.1%	4184663	174	182	4.5%
Fe	4184615	5.09	4.81	5.7%	4184640	8.03	8.43	4.9%	4184651	8.40	8.55	1.8%	4184663	7.78	8.05	3.4%
Ga	4184615	11	9	20.0%	4184640	13	15	14.3%	4184651	15	14	6.9%	4184663	12	15	22.2%
Hg	4184615	4	1		4184640	4	2		4184651	2	2	0.0%	4184663	4	3	28.6%
In	4184615	< 1	< 1	0.0%	4184640	< 1	< 1	0.0%	4184651	< 1	< 1	0.0%	4184663	< 1	< 1	0.0%
K	4184615	0.02	0.02	0.0%	4184640	0.03	0.03	0.0%	4184651	0.06	0.06	0.0%	4184663	0.094	0.097	3.1%
La	4184615	4	4	0.0%	4184640	7	7	0.0%	4184651	8	8	0.0%	4184663	7	8	13.3%
Li	4184615	27	24	11.8%	4184640	30	31	3.3%	4184651	20	21	4.9%	4184663	19	19	0.0%
Mg	4184615	2.98	2.75	8.0%	4184640	2.31	2.41	4.2%	4184651	2.26	2.32	2.6%	4184663	2.19	2.25	2.7%
Mn	4184615	1260	1120	11.8%	4184640	2080	2250	7.9%	4184651	1520	1460	4.0%	4184663	1320	1420	7.3%
Mo	4184615	4.3	2.8		4184640	< 0.5	0.7		4184651	< 0.5	< 0.5	0.0%	4184663	< 0.5	< 0.5	0.0%
Na	4184615	0.03	0.03	0.0%	4184640	0.04	0.04	0.0%	4184651	0.05	0.05	0.0%	4184663	0.05	0.05	0.0%
Ni	4184615	51.1	44.1	14.7%	4184640	12.9	13.8	6.7%	4184651	26.4	25.4	3.9%	4184663	32.8	35.6	8.2%
P	4184615	718	631	12.9%	4184640	948	1020	7.3%	4184651	1120	1080	3.6%	4184663	1030	1120	8.4%
Pb	4184615	21.8	21.9	0.5%	4184640	20.5	20.6	0.5%	4184651	20.1	20.4	1.5%	4184663	17.4	18.5	6.1%
Rb	4184615	15	13	14.3%	4184640	16	18	11.8%	4184651	17	17	0.0%	4184663	23	25	8.3%
S	4184615	0.087	0.081	7.1%	4184640	0.0721	0.0756	4.7%	4184651	0.030	0.029	3.4%	4184663	0.0244	0.0263	7.5%
Sb	4184615	< 1	< 1	0.0%	4184640	< 1	< 1	0.0%	4184651	< 1	< 1	0.0%	4184663	< 1	< 1	0.0%
Sc	4184615	8.59	7.13	18.6%	4184640	18.7	21.6	14.4%	4184651	19.0	18.2	4.3%	4184663	11.0	12.6	13.6%



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

Se	4184615	< 10	< 10	0.0%	4184640	< 10	< 10	0.0%	4184651	< 10	< 10	0.0%	4184663	< 10	< 10	0.0%
Sn	4184615	57	55	3.6%	4184640	61	66	7.9%	4184651	44	47	6.6%	4184663	31	29	6.7%
Sr	4184615	91.1	89.0	2.3%	4184640	43.2	45.4	5.0%	4184651	41.5	42.2	1.7%	4184663	32.4	33.9	4.5%
Ta	4184615	< 10	< 10	0.0%	4184640	< 10	< 10	0.0%	4184651	< 10	< 10	0.0%	4184663	< 10	< 10	0.0%
Te	4184615	< 10	< 10	0.0%	4184640	< 10	< 10	0.0%	4184651	< 10	< 10	0.0%	4184663	< 10	< 10	0.0%
Th	4184615	< 5	< 5	0.0%	4184640	< 5	< 5	0.0%	4184651	< 5	< 5	0.0%	4184663	< 5	< 5	0.0%
Ti	4184615	0.347	0.335	3.5%	4184640	0.612	0.682	10.8%	4184651	0.624	0.635	1.7%	4184663	0.32	0.33	3.1%
Tl	4184615	< 5	< 5	0.0%	4184640	< 5	< 5	0.0%	4184651	< 5	< 5	0.0%	4184663	< 5	< 5	0.0%
U	4184615	< 5	< 5	0.0%	4184640	< 5	< 5	0.0%	4184651	< 5	< 5	0.0%	4184663	< 5	< 5	0.0%
V	4184615	159	144	9.9%	4184640	210	231	9.5%	4184651	233	227	2.6%	4184663	204	220	7.5%
W	4184615	< 1	< 1	0.0%	4184640	< 1	< 1	0.0%	4184651	< 1	< 1	0.0%	4184663	< 1	< 1	0.0%
Y	4184615	12	10	18.2%	4184640	19	21	10.0%	4184651	22	21	4.7%	4184663	19	21	10.0%
Zn	4184615	155	132	16.0%	4184640	234	254	8.2%	4184651	125	120	4.1%	4184663	102	110	7.5%
Zr	4184615	14	12	15.4%	4184640	39	44	12.0%	4184651	37	36	2.7%	4184663	20	23	14.0%

Parameter	REPLICATE #5				REPLICATE #6							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	4184665	31.9	32.7	2.5%	4184687	1.56	1.21	25.3%				
Al	4184665	0.939	0.948	1.0%	4184687	3.59	3.53	1.7%				
As	4184665	54	58	7.1%	4184687	10	13	26.1%				
B	4184665	16	15	6.5%	4184687	32	30	6.5%				
Ba	4184665	31	32	3.2%	4184687	18	19	5.4%				
Be	4184665	0.6	0.6	0.0%	4184687	0.9	0.9	0.0%				
Bi	4184665	15	13	14.3%	4184687	11	14	24.0%				
Ca	4184665	7.04	6.96	1.1%	4184687	6.41	6.30	1.7%				
Cd	4184665	< 0.5	< 0.5	0.0%	4184687	< 0.5	< 0.5	0.0%				
Ce	4184665	27	28	3.6%	4184687	25	24	4.1%				
Co	4184665	17.0	17.5	2.9%	4184687	39.2	37.1	5.5%				
Cr	4184665	37.5	38.5	2.6%	4184687	98.1	92.9	5.4%				
Cu	4184665	11200	11700	4.4%	4184687	479	443	7.8%				
Fe	4184665	6.99	7.09	1.4%	4184687	7.12	7.04	1.1%				
Ga	4184665	8	8	0.0%	4184687	15	14	6.9%				
Hg	4184665	< 1	< 1	0.0%	4184687	3	< 1					
In	4184665	< 1	< 1	0.0%	4184687	< 1	< 1	0.0%				
K	4184665	0.412	0.420	1.9%	4184687	0.28	0.28	0.0%				



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

La	4184665	10	10	0.0%	4184687	8	8	0.0%								
Li	4184665	6	6	0.0%	4184687	65	63	3.1%								
Mg	4184665	0.26	0.26	0.0%	4184687	2.97	2.93	1.4%								
Mn	4184665	1170	1190	1.7%	4184687	1760	1690	4.1%								
Mo	4184665	1.0	< 0.5		4184687	< 0.5	< 0.5	0.0%								
Na	4184665	0.03	0.03	0.0%	4184687	0.07	0.07	0.0%								
Ni	4184665	25.8	26.4	2.3%	4184687	49.4	46.8	5.4%								
P	4184665	1150	1160	0.9%	4184687	996	936	6.2%								
Pb	4184665	21.6	24.7	13.4%	4184687	28.3	26.2	7.7%								
Rb	4184665	76	80	5.1%	4184687	54	52	3.8%								
S	4184665	0.374	0.374	0.0%	4184687	0.0677	0.0652	3.8%								
Sb	4184665	4	4	0.0%	4184687	3	3	0.0%								
Sc	4184665	5.4	5.8	7.1%	4184687	15.6	14.5	7.3%								
Se	4184665	< 10	11		4184687	< 10	< 10	0.0%								
Sn	4184665	30	33	9.5%	4184687	35	37	5.6%								
Sr	4184665	35.6	35.7	0.3%	4184687	41.0	40.4	1.5%								
Ta	4184665	< 10	< 10	0.0%	4184687	< 10	< 10	0.0%								
Te	4184665	< 10	< 10	0.0%	4184687	< 10	< 10	0.0%								
Th	4184665	< 5	< 5	0.0%	4184687	< 5	< 5	0.0%								
Ti	4184665	0.07	0.07	0.0%	4184687	0.18	0.18	0.0%								
Tl	4184665	6	< 5		4184687	< 5	< 5	0.0%								
U	4184665	< 5	< 5	0.0%	4184687	< 5	< 5	0.0%								
V	4184665	162	168	3.6%	4184687	216	206	4.7%								
W	4184665	< 1	< 1	0.0%	4184687	< 1	< 1	0.0%								
Y	4184665	29	29	0.0%	4184687	21	20	4.9%								
Zn	4184665	61.0	61.3	0.5%	4184687	170	162	4.8%								
Zr	4184665	< 5	< 5	0.0%	4184687	6	5	18.2%								

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	4184615	0.011	0.006		4184627	0.001	0.001	0.0%	4184640	0.005	0.002		4184651	0.0043	0.0033	26.3%
Parameter	REPLICATE #5				REPLICATE #6				REPLICATE #7							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	4184663	0.0032	0.0035	9.0%	4184665	12.2	12.4	1.6%	4184685	0.004	0.009					



CLIENT NAME: SUPERIOR COPPER CORPORATION

ATTENTION TO: BRUCE EDGAR

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

	CRM #1 (CU186)				CRM #2 (CU186)				CRM #3 (CU186)				CRM #4 (CU186)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag	14	14	98%	80% - 120%	14	13	93%	80% - 120%	14	14	98%	80% - 120%	14	14	102%	80% - 120%
Cu	6000	5842	97%	80% - 120%	6000	5774	96%	80% - 120%	6000	6072	101%	80% - 120%	6000	6133	102%	80% - 120%
Mo	360	331	92%	80% - 120%	360	320	89%	80% - 120%	360	341	95%	80% - 120%	360	353	98%	80% - 120%

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

	CRM #1 (GS7E)				CRM #2 (1P5F)				CRM #3 (CM14)				CRM #4 (GS7E)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	7.4	7.6	103%	90% - 110%	1.40	1.42	101%	90% - 110%	0.792	0.84	106%	90% - 110%	7.4	7.6	103%	90% - 110%
	CRM #5 (1P5F)				CRM #6 (GS7E)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	1.40	1.33	95%	90% - 110%	7.4	7.6	103%	90% - 110%								

Method Summary

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 13T695917

PROJECT NO: BCP-2013-SBZONE

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	MIN-200-12032		AA
Sample Login Weight	MIN-12009		BALANCE



Method Summary

CLIENT NAME: SUPERIOR COPPER CORPORATION

AGAT WORK ORDER: 13T695917

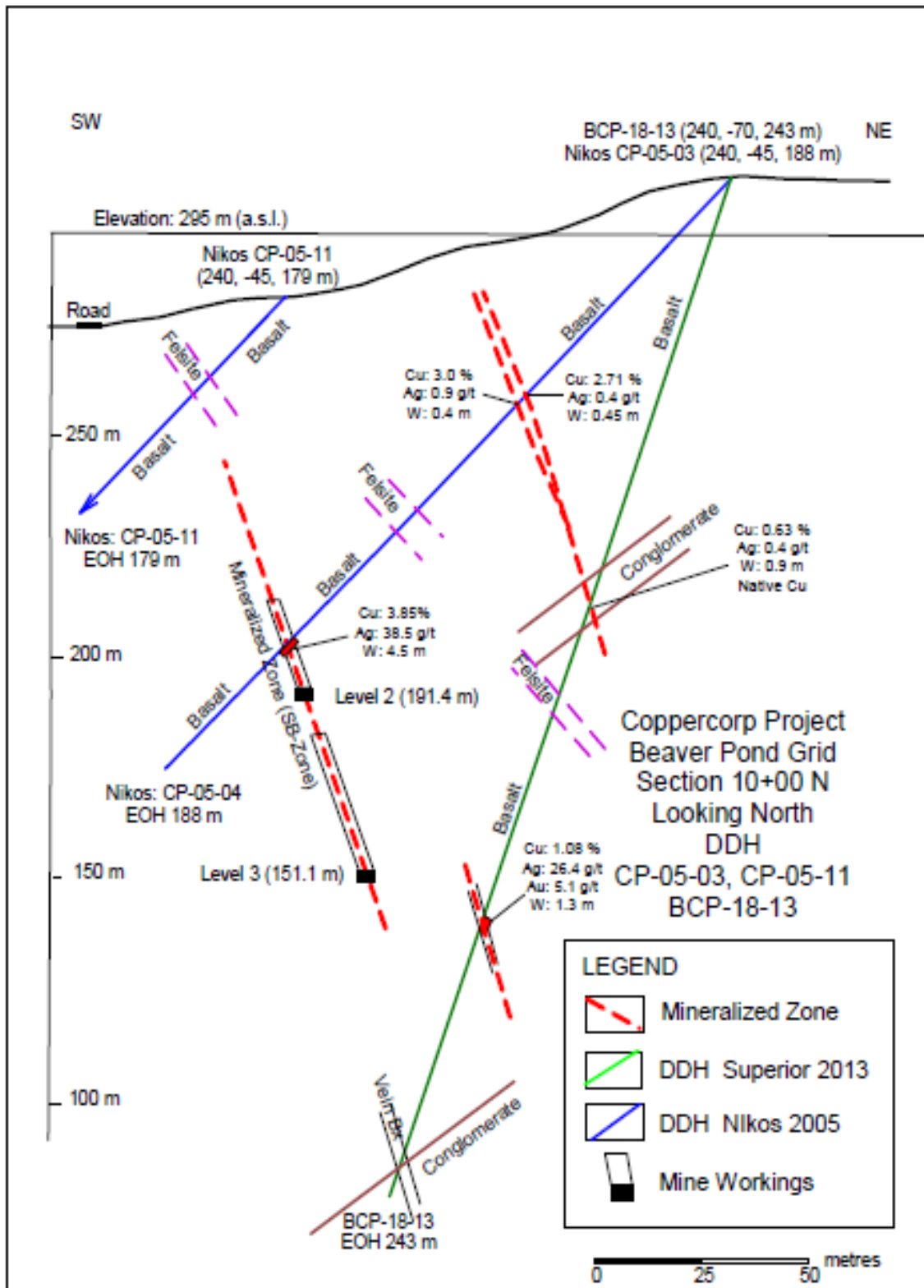
PROJECT NO: BCP-2013-SBZONE

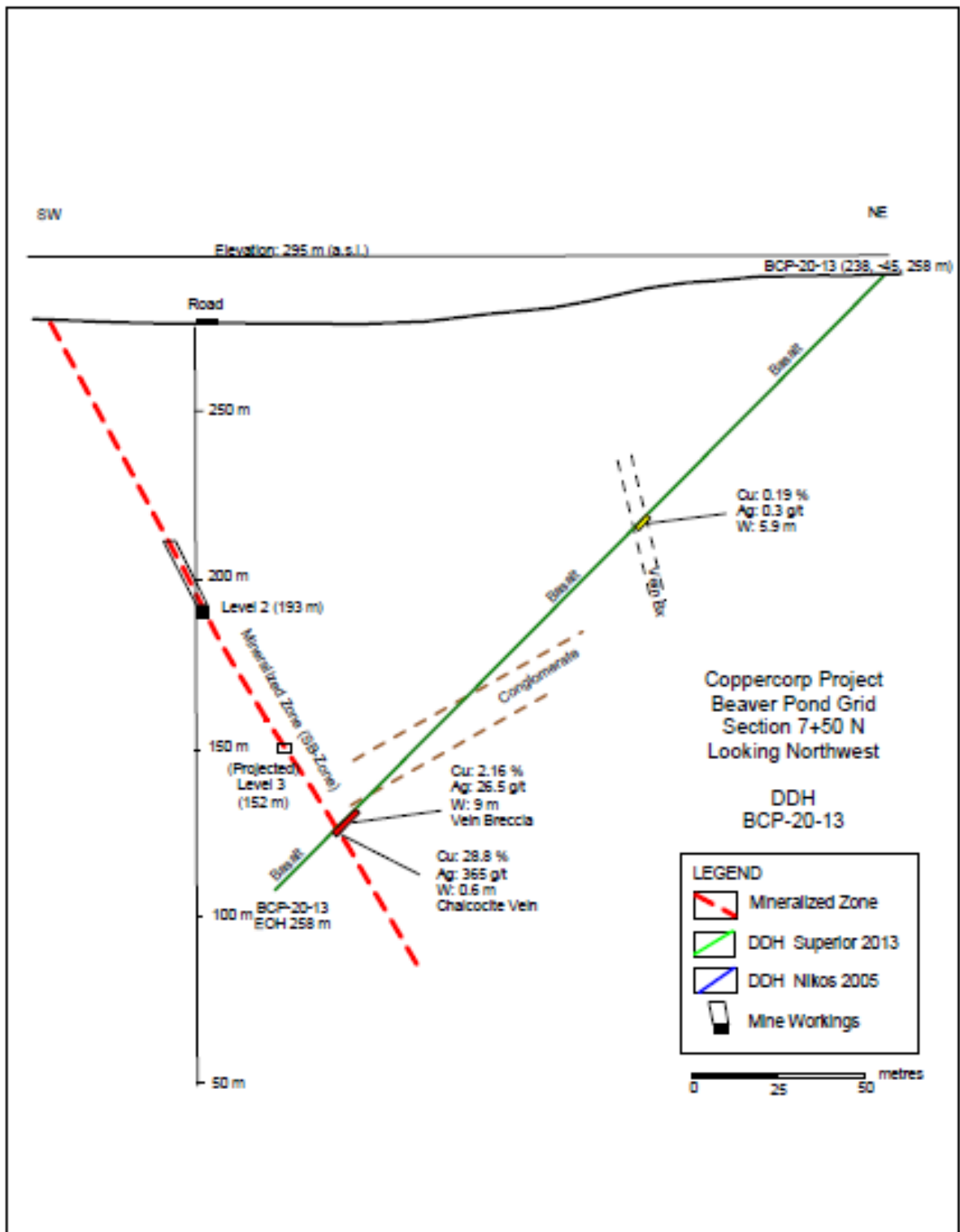
ATTENTION TO: BRUCE EDGAR

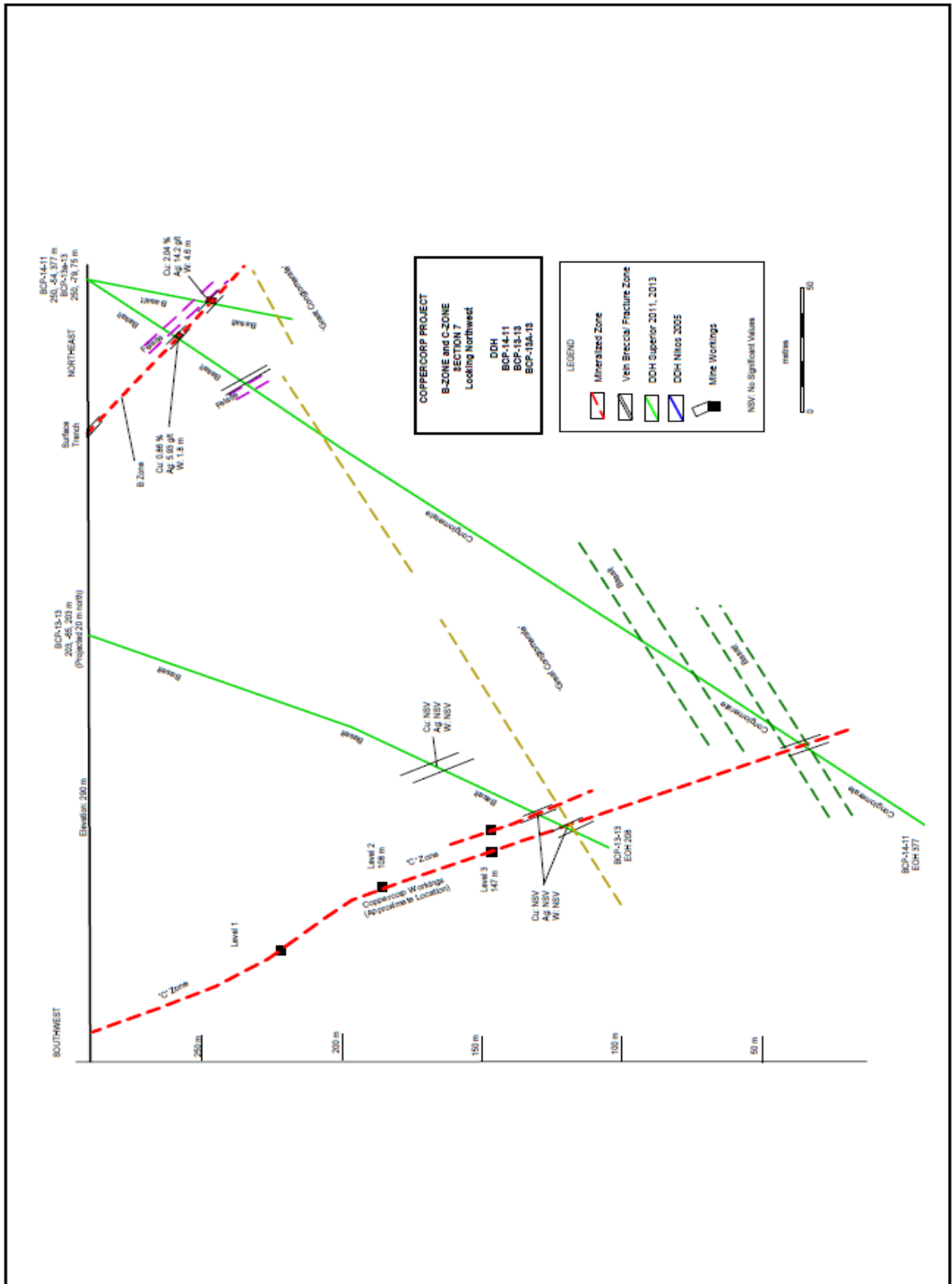
PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Au-Grav			GRAVIMETRIC

APPENDIX IV

**Diamond Drill Sections
Showing Mineralized Zones, Assays, Mine Workings,
and generalized Geology**







APPENDIX V
Project Photographs



Superior Diamond Drill Rig on the Batchawana Copper Property SB Zone, Feb. 2013



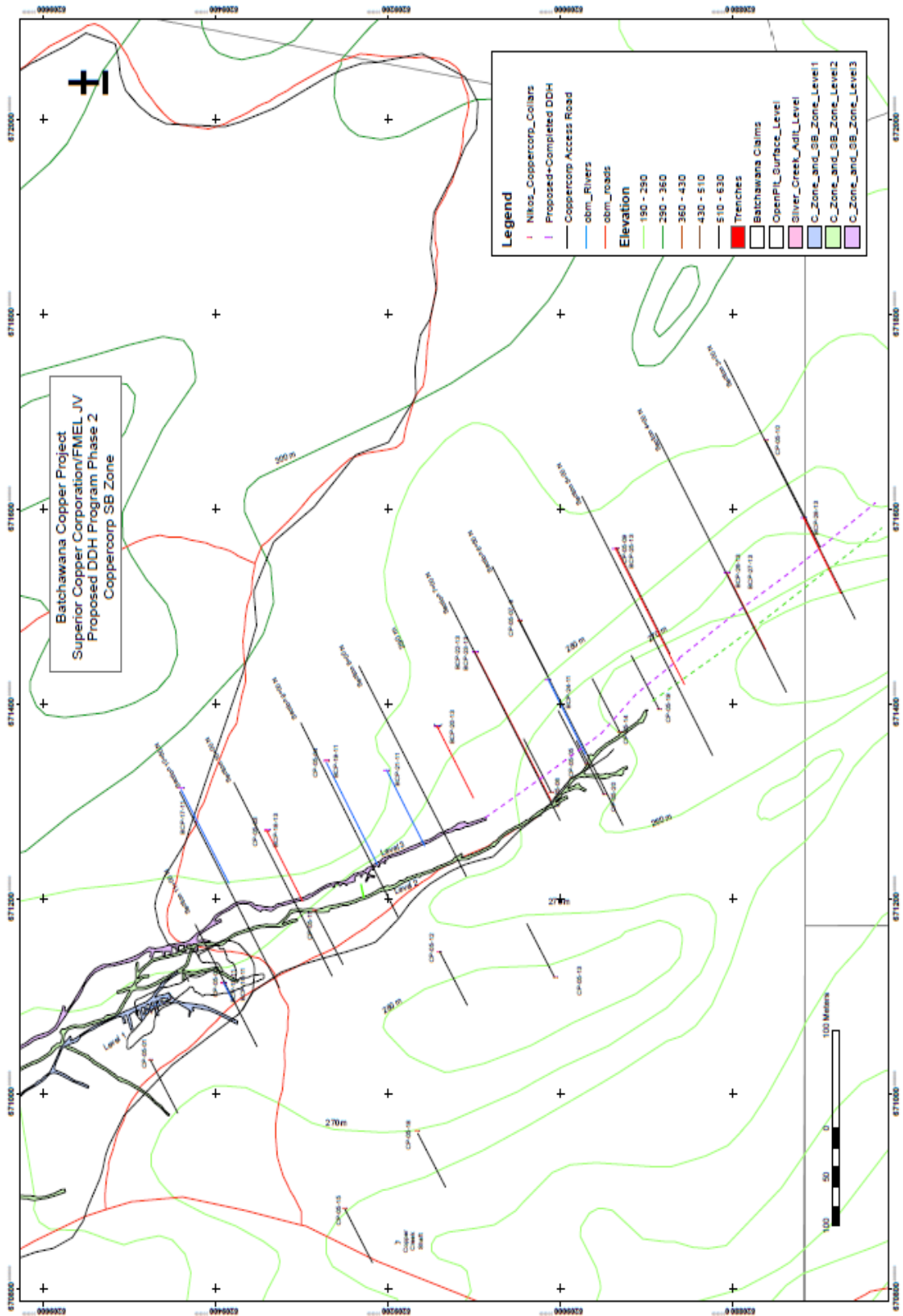
**Geologist Bruce Edgar loading SB Zone drill core into racks outside of core shack,
Coppercorp Property, Feb 2013.**

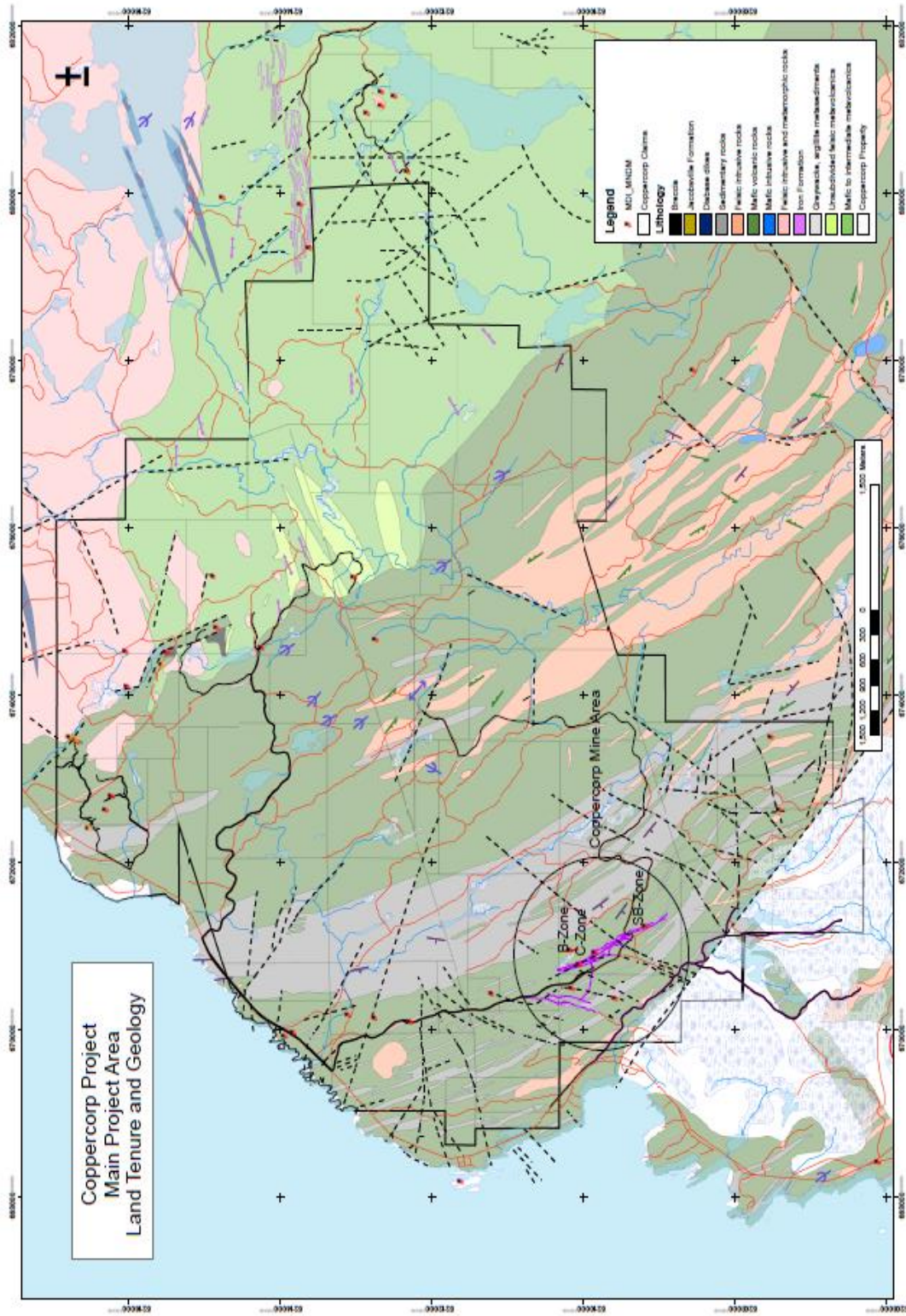
APPENDIX V

Full Scale Maps

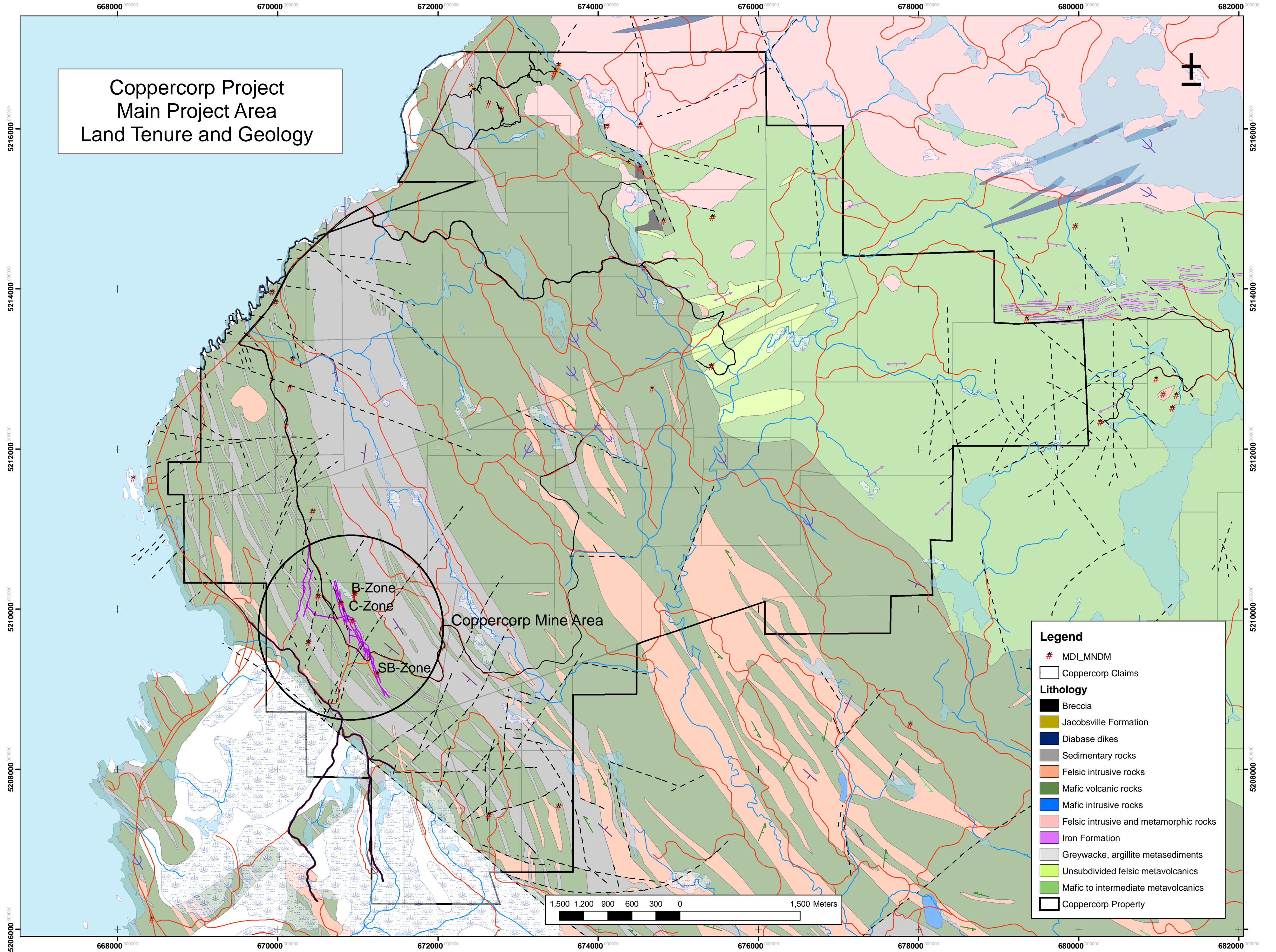
Land Tenure and Property Geology Map

SB Zone DDH Location Map





Coppercorp Project
Main Project Area
Land Tenure and Geology

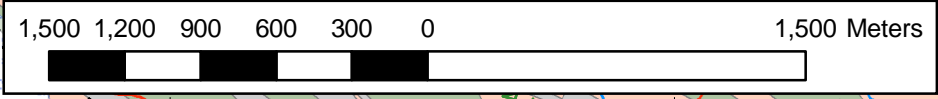


Legend

- # MDI_MNDM
- Coppercorp Claims

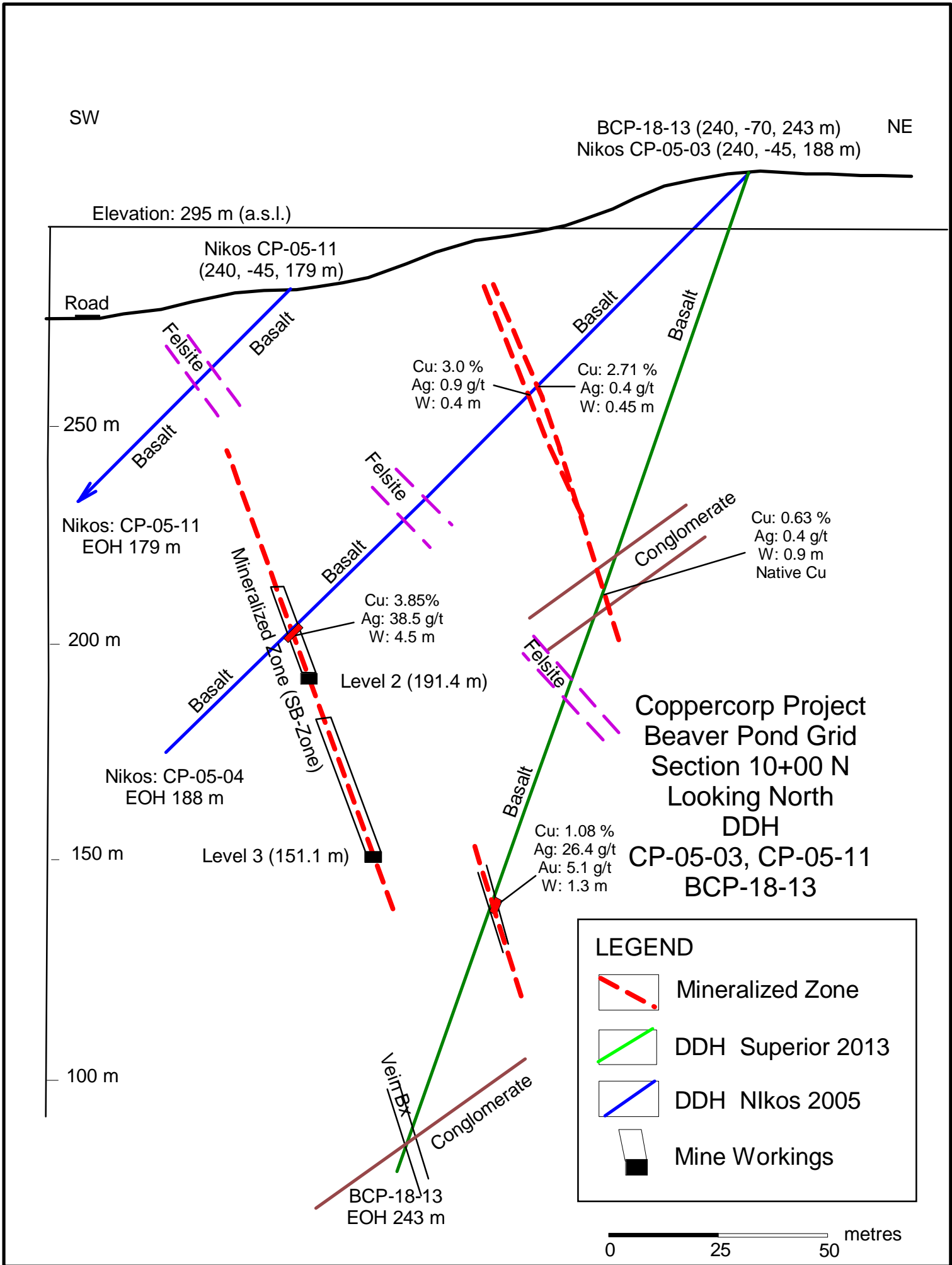
Lithology

- 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
- Coppercorp Property



B-Zone
C-Zone
SB-Zone

Coppercorp Mine Area



SW

NE

Elevation: 295 m (a.s.l.)

BCP-20-13 (238, -45, 258 m)

Road

250 m

200 m

Level 2 (193 m)

150 m

(Projected)
Level 3
(152 m)

100 m

BCP-20-13
EOH 258 m

50 m

Cu: 0.19 %
Ag: 0.3 g/t
W: 5.9 m

Vein Bx

Mineralized Zone (SB-Zone)

Cu: 2.16 %
Ag: 26.5 g/t
W: 9 m
Vein Breccia





Cu: 28.8 %
Ag: 365 g/t
W: 0.6 m
Chalcocite Vein

Conglomerate

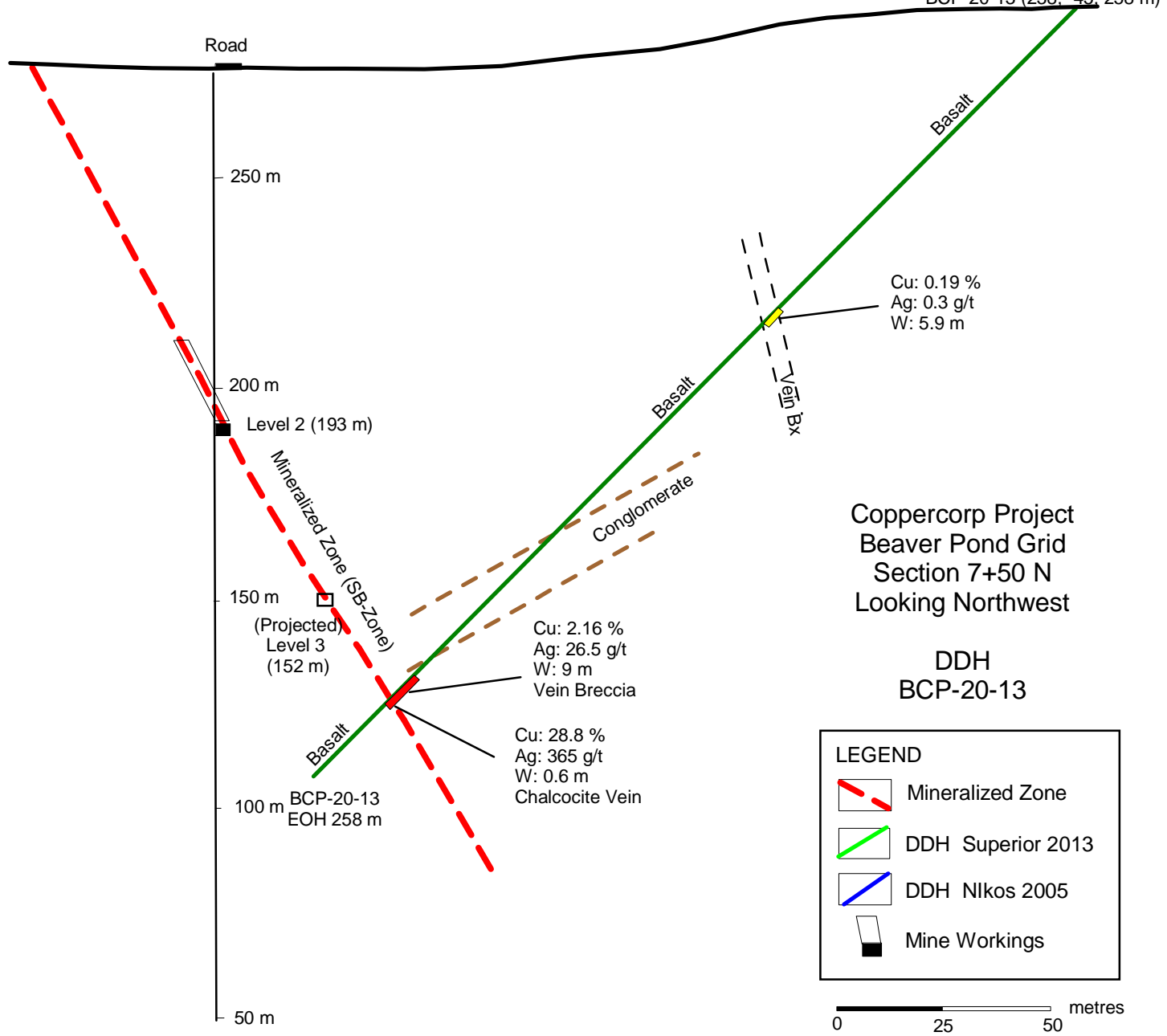
Coppercorp Project Beaver Pond Grid Section 7+50 N Looking Northwest

DDH
BCP-20-13

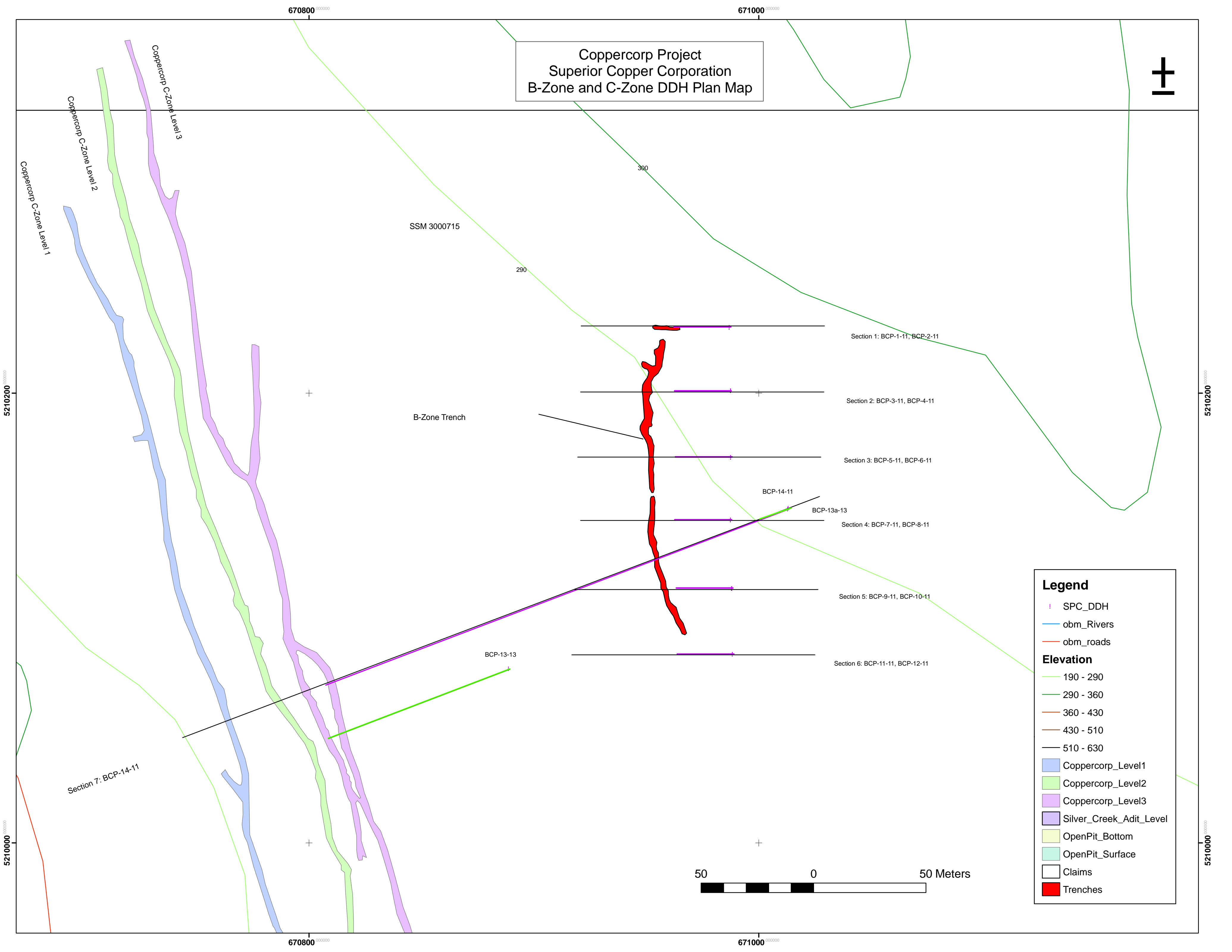
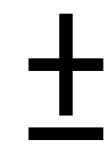
LEGEND

-  Mineralized Zone
-  DDH Superior 2013
-  DDH Nikos 2005
-  Mine Workings

0 25 50 metres



Coppercorp Project
 Superior Copper Corporation
 B-Zone and C-Zone DDH Plan Map



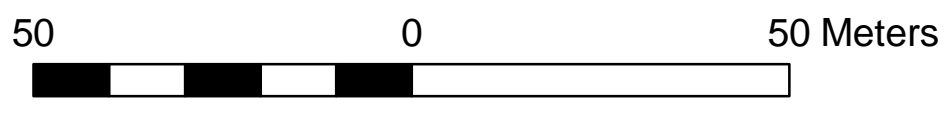
Legend

- SPC_DDH
- obm_Rivers
- obm_roads

Elevation

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

- Coppercorp_Level1
- Coppercorp_Level2
- Coppercorp_Level3
- Silver_Creek_Adit_Level
- OpenPit_Bottom
- OpenPit_Surface
- Claims
- Trenches



670800 000000 671000 000000

5210200 000000 5210000 000000

SSM 3000715

290 360

Coppercorp C-Zone Level 1

Coppercorp C-Zone Level 2

Coppercorp C-Zone Level 3

B-Zone Trench

Section 1: BCP-1-11, BCP-2-11

Section 2: BCP-3-11, BCP-4-11

Section 3: BCP-5-11, BCP-6-11

Section 4: BCP-7-11, BCP-8-11

Section 5: BCP-9-11, BCP-10-11

Section 6: BCP-11-11, BCP-12-11

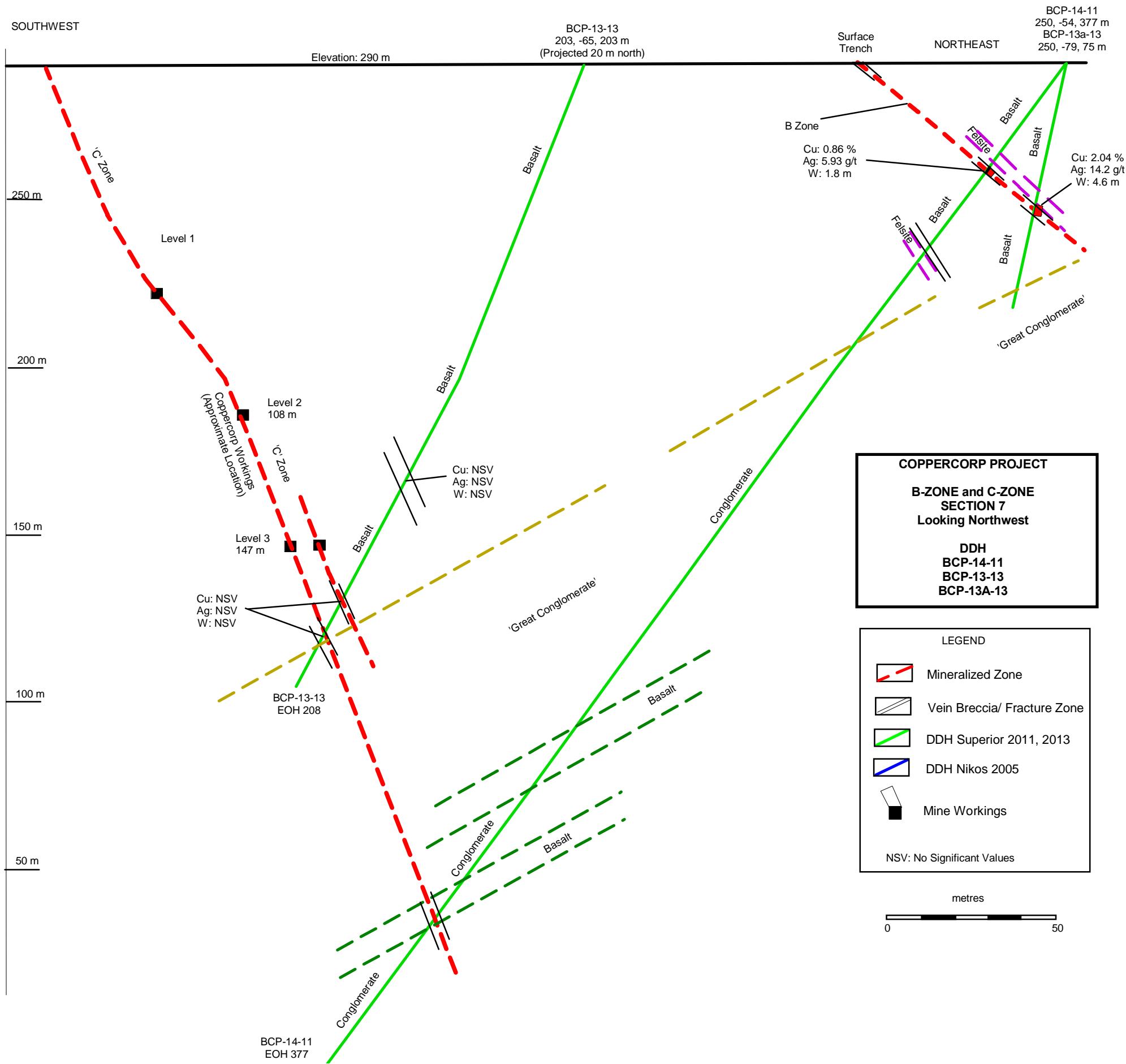
Section 7: BCP-14-11

BCP-14-11

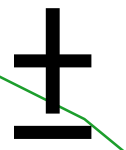
BCP-13a-13

BCP-13-13

50 0 50 Meters



Batchawana Copper Project
 Superior Copper Corporation/FMEL JV
 Proposed DDH Program Phase 2
 Coppercorp SB Zone



Legend

- Nikos_Coppercorp_Collars
- Proposed+Completed DDH
- Coppercorp Access Road
- obm_Rivers
- obm_roads

Elevation

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

- Trenches
- Batchawana Claims
- OpenPit_Surface_Level
- Silver_Creek_Adit_Level
- C_Zone_and_SB_Zone_Level1
- C_Zone_and_SB_Zone_Level2
- C_Zone_and_SB_Zone_Level3

