REPORT OF SECOND PHASE DRILLING PROGRAM, COPPERCORP PROPERTY, SAULT STE. MARIE MINING DIVISION, ONTARIO.

5 July, 2007

Prepared for Nikos Explorations Ltd.
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1. Summary

This report on the Coppercorp Property was prepared following the completion of a second stage drill program carried out on the property during August 2005. It describes the geology and mineral potential of the property, and presents the results of the drilling program.

The Coppercorp property is located approximately 85 kilometres north of Sault Ste. Marie, Ontario. The Trans-Canada Highway (Highway 17) crosses the westernmost part of the property. Nikos Explorations Ltd. (Nikos) has a 100% interest in five claim blocks on the western side of the property, and has the right to earn a 100% interest in the remaining claims from a group of prospectors. Nikos Explorations Ltd. acquired the property from Amerigo Resources Ltd. in 2004.

The target of exploration on the property is iron oxide copper-gold mineralization of the Olympic Dam style. Previous work outlined copper mineralization with associated gold and silver hosted by altered, hematite-rich basalt of Proterozoic (Keeweenawan) Age.

The copper mineralization consists dominantly of chalcocite with minor malachite and chalcopyrite associated with pyrite and hematite. The dominant alteration type in basalt is calcite-epidote, with lesser potassic feldspar and tremolite. Felsic volcanic and intrusive rocks are variably sericitized.

Historical work on the property included exploration for, and subsequent mining of, vein copper mineralization at the Coppercorp mine. Mining was discontinued in 1972 and little exploration has been performed on the mining lease since that time. More recent work undertaken by Cominco Ltd., on the northern portion of the property, included detailed geology, surface sampling, and magnetic, electromagnetic geophysical surveys.

Since acquiring the property from Amerigo, Nikos has carried out mapping, prospecting, rock sampling, and a first stage drill program. Results of this work are sufficiently encouraging to proceed with further surface work and drilling. This report describes a second phase of drilling that was undertaken to follow up encouraging results from the first phase of drilling carried out in early 2005. The program was designed to follow up on the earlier results as well as to expand on these results by targeting chargeability anomalies and copper occurrences elsewhere on the property. During the second phase program, a total of 2,728 metres were drilled in seventeen holes numbered CP05-07 to CP05-23.

2. Introduction and Terms of Reference

This report describes the results of a second phase drilling program carried out on the Coppercorp property during August 2005. It was written to accompany a declaration of assessment filed in July 2007 with the Ministry of Northern Development and Mines, Ontario, as required under the Ontario Mining Act. Sections four through nine of the report are updated from a previous technical report on the Coppercorp Property entitled "Geology and Exploration of the Coppercorp Property, Sault Ste. Marie Mining Division, Ontario" dated March 23, 2004 (Tortosa & Moss 2004).

Dr. Moss is currently President of Nikos. He has been involved in exploration on the property since September 2002 and has directly supervised all work on the property. Dr. Moss developed an exploration model for IOCG exploration in the Sault Ste. Marie area and has been active in the investigation of Proterozoic Fe-oxide Copper-Gold deposits for the past three years. Mr. Peshkepia is a consulting geologist, who has had prior experience on the Coppercorp property. During 2004 he carried out an MMI survey over the Silver Creek South Grid. During 2005 he mapped the Geology of the Beaver Pond and Regional Mag High grids, and supervised the first and second stage drill programs.

The use of the term 'ore reserve' in this report should be viewed strictly in its historical context and should not be correlated with the categories set out in sections 1.3 and 1.4 of National Instrument 43-101.

The historical pre-production estimated ore reserve figures for the Coppercorp Mine were obtained from Source Mineral Deposit Records (SMDR000852) of the Sault Ste. Marie District Geologist's Office, Ministry of Northern Development and Mines and a Coppercorp Mine report dated November 12, 1965. Although there are a few underground plans and drill holes showing mineralized intersections related to the mineralized zones, no known reports or records indicate official ore reserve calculations for the Coppercorp Mine. As such it is not possible to determine the reliability of the historical estimates or whether they are in accordance with the categories set out in sections 1.3 and 1.4 of National Instrument 43-101. In addition, no records have been found which document any remaining reserves in the mine when it ceased operation in 1972.

For the purposes of this technical report, production figures for the Coppercorp Mine are based on data from Source Mineral Deposit Record 000852 (Sault Ste. Marie District Geologist's Office, Ministry of Northern Development and Mines).

3. Reliance on other experts

Mr. Ardian Peshkepia, M.Sc. P.Geo supervised the drilling program in the field and wrote section 10 of the report. Mr. Peshkepia worked under the close supervision of Dr. Roger Moss, the qualified person for the project.

4. Property Description and Location

The property is located in Ryan Township, Sault Ste. Marie Mining Division, Sault Ste. Marie, Ontario, Canada (Figure 1). It consists of 38 unpatented, contiguous claims consisting of 323 claim units covering an area of approximately 51 square kilometres (Table 1, Figure 2). The original 23 claims were optioned by Amerigo Resources Ltd. in 2002 from a group of prospectors known as the Batchawana Group. Amerigo subsequently staked a further five claims on the western edge of the original claim block.

During 2004, Nikos acquired the property from Amerigo as part of a three property deal whereby Nikos issued Amerigo 5,000,000 common shares following final acceptance of the agreement by the TSX Venture Exchange. Nikos also issued 5,000,000 additional common shares to Amerigo on June 30, 2005 since Nikos retained an interest in all of the properties.

Figure 1: General Location Map of the Coppercorp Property

Figure 2. Claim map of the Coppercorp Property as at 10 June, 2007. The property boundary is shown by the green lines.

Table 1. Claims comprising the Coppercorp Property as at July 2, 2007

Claim Number	Number of units	Approximate Area (ha)	Due date	Expenditure Required
1098722	8	128	August 5, 2008	$3,200
1098724	5	80	August 5, 2007	$2,000
1098725	4	64	August 5, 2007	$1,600
1099457	16	256	October, 21, 2007	$6,400
1192284	3	48	June 25, 2007	$1,200
1192285	8	128	June 25, 2008	$3,200
1199911	15	240	June 26, 2008	$6,000
1199912	4	64	June 26, 2008	$1,600
1199984	14	224	June 26, 2007	$5,600
1235019	3	48	Feb 26, 2008	$1,200
3000666	4	64	June 26, 2007	$1,600
3000714	11	176	June 26, 2007	$4,400
3000715	15	240	June 26, 2008	$6,000
3000716	13	208	June 26, 2008	$5,200
3000717	16	256	June 26, 2008	$6,400
3000718	1	16	June 26, 2007	$400
3000720	15	240	June 26, 2007	$6,000
3002310	15	240	June 26, 2007	$6,000
3002319	2	32	June 26, 2005	$800
3002320	3	48	June 10, 2008	$1,200
3002341	11	176	June 26, 2007	$4,400
3002342	1	16	June 10,2008	$400
3002392	8	128	June 26, 2008	$3,200
3002393	11	176	June 26, 2008	$4,400
3002398	16	256	June 26, 2007	$6,400
3002570	3	48	December 5, 2007	$1,200
3002571	6	96	December 5, 2007	$2,400
3002577	1	16	July 19,2007	$400
3002616	2	32	December 5, 2008	$800
3002697	13	208	June 26, 2005	$5,200
3002698	6	96	June 10, 2008	$231
3019475	3	48	July 9, 2007	$1200
3019477	3	48	July 9, 2007	$1,200
3019478	15	240	July 9, 2007	$6,000
3019479	16	256	July 9, 2007	$6,400
3019480	9	144	July 9, 2007	$3,600
3019481	10	160	July 9, 2008	$4,000
3019482	14	224	July 9, 2007	$5,600
Total	323	5,168		$126,000

Subsequent to the agreement with Amerigo, Nikos renegotiated the Coppercorp option agreement with the Batchewana Group. Under the new option agreement, Nikos may earn earn a 100% interest in the property by:

1) Issuing 300,000 units of Nikos and making a cash payment of $24,000 to the vendors on TSX Venture Exchange approval of the transaction. Each unit will be comprised of one Nikos share and one-half share purchase warrant, with each whole warrant entitling the holder to purchase one additional Nikos share for a price of $0.30 for a period of two years from the date of issuance (completed);

2) Issuing a further 200,000 common shares and paying a further $24,000 cash on or before May 11, 2005 (completed);

3) issuing a further 200,000 common shares and paying a further $24,000 cash on or before May 11, 2006 (completed)

provided that, Nikos may at its option, issue shares of equivalent value in lieu of cash for all but the initial cash payment,

4) Spend $300,000 on exploration over 3 years, and

5) Provide the prospectors with a net smelter return royalty of 3% from any future production from the property. Nikos retains an option to buy back 1.5% of the royalty for $1,500,000.00.

Nikos fulfilled all of its obligations under the new option agreement on 18 August 2006, and consequently holds a 100% interest in all claims comprising the Coppercorp property, subject to the NSR to the Batchawana Propsectors for the original claims.

During 2004, Nikos staked an additional seven claims to the north of the original property to cover the northern extension of a coincident magnetic and gravity high. During 2005, following the lapsing of several competitor's claims within the main claim block, Nikos staked an additional three claims to cover a brecciated felsic intrusive.

Several mine hazards dating from mining activities carried out between 1954 and 1972 are present on the property (Figure 3 & 4). A site assessment of the mine hazards in and around the Coppercorp Mine was completed by staff of the Ministry of Northern Development and Mines in June 1998 (Hamblin, 1998) and the report is available for viewing at the Sault Ste. Marie District Geologist's office.

During 2003, under Ontario's abandoned mines rehabilitation program, work at the Coppercorp mine site commenced. Surface buildings were taken down and removed and openings to surface were properly sealed and/or capped.

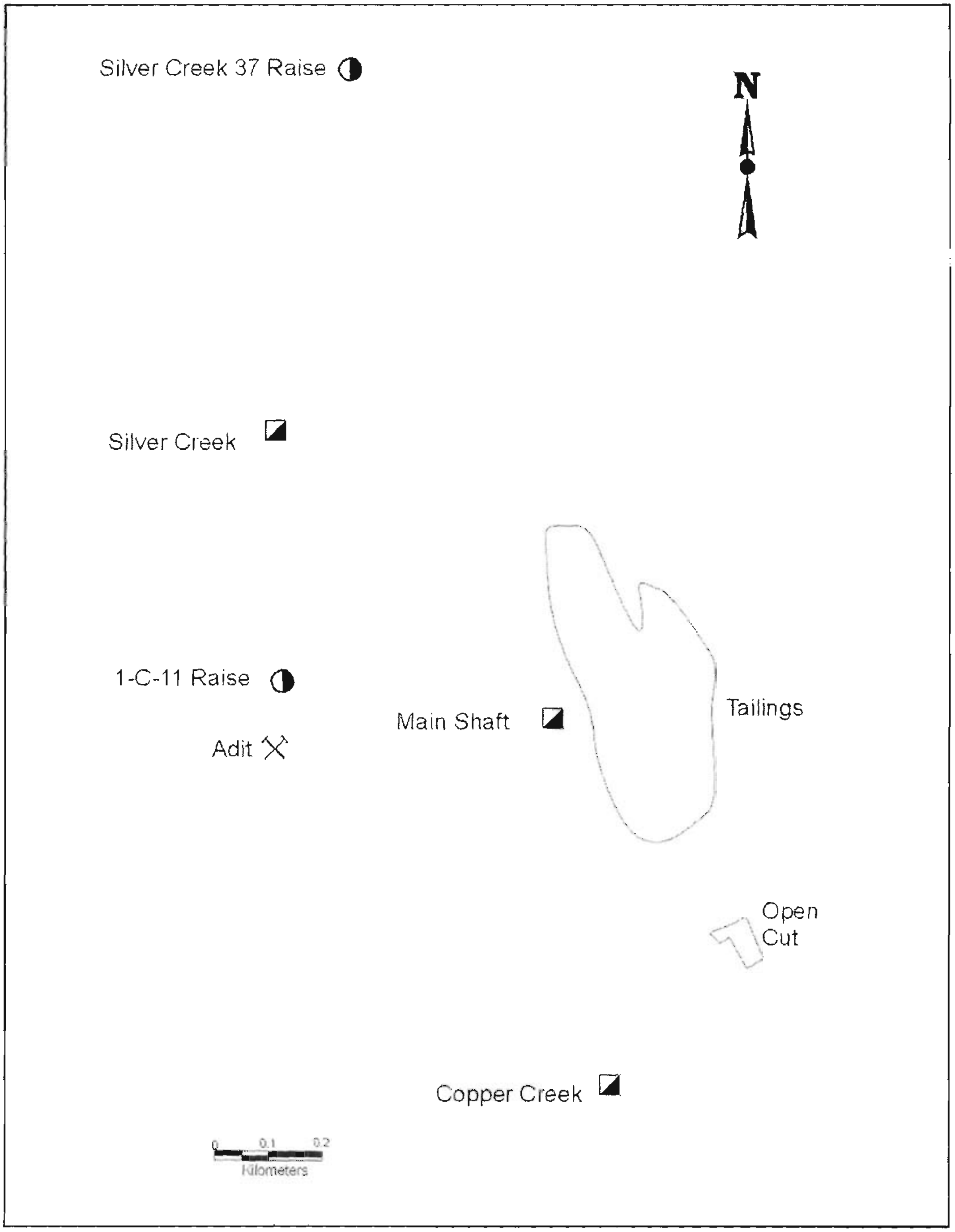

Figure 3. Old mine workings in the vicinity of the Coppercorp Minesite. Source: Hamblin, 1998, with additional data collected during field visits.

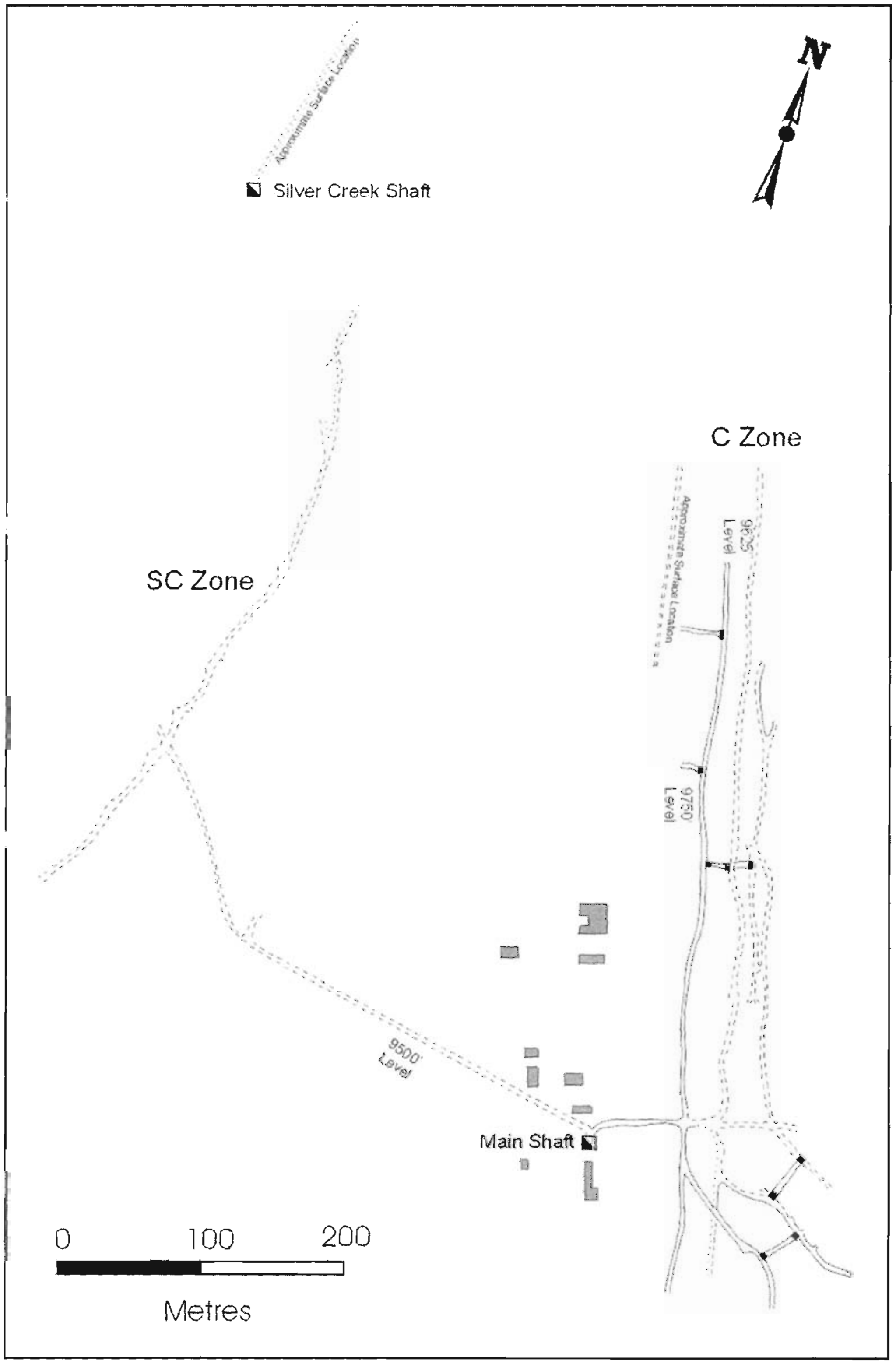

Figure 4. Location of Coppercorp underground development and surface buildings up until October, 1964. Source. Coppercorp Limited Surface Plan and Underground Composite, Unpublished Map, October 25, 1964.

Under the Ontario Mining Act, holders of unpatented claims are not held responsible for hazards created by prior owners, provided that they do not materially disturb the existing hazards. If the owner decides to take the unpatented claims to lease, which would normally only be done if mining was contemplated, then the owner assumes responsibility for all mine hazards, regardless of who created them. Of course, owners are always responsible for any hazards they themselves create, and a process of progressive rehabilitation for such hazards is encouraged.

The western extremities of the Coppercorp Property are within 500 to 1000 metres of the Lake Superior coastline. Any future advanced exploration or claim staking activities should be mindful that much of the Lake Superior coastline has been, and will likely continue to be, incorporated into Ontario's Living Legacy (OLL) land use policy as part of the Great Lakes Heritage Coastline Signature Site (Ontario's Living Legacy, 1999). Any claims staked prior to an area being designated as a new Park or Conservation Reserve will remain in good standing as long as the work requirements are met. If a claim is not kept in good standing and reverts to the Crown, then the land within these designated areas falls under the OLL land use policy that restricts mining and forestry operations. There are no OLL sites on the Coppercorp property.

5. Accessibility, Climate, Local Resources, Infrastructure and Physiography.

The property is located in the Batchawana Bay area on the east shore of Lake Superior (Figure 5). Access to the property is by paved highway (Highway 17) approximately 80 kilometres north of Sault Ste. Marie, followed by a gravel road. A system of logging roads provides further access to different parts of the property.

The western portion of the Coppercorp Property is characterised by moderate to low relief. Drainage and topography are influenced by the northwest trending strike of the volcanic and sedimentary strata of the Mamainse Point Formation. The eastern part of the property has moderate to high relief and partly overlies the metavolcanic rocks of the Batchawana Greenstone Belt. Separating these physiographic areas is the Pancake River and river valley, which runs southerly through the central part of the property (Figure 5).

Elevation ranges from 700 - 1000 feet a.s.l. in the western portion and 700 to 1700 feet a.s.l. in the eastern section. Vegetation consists of mixed hardwoods and softwoods, and there are several logging companies active in the area.

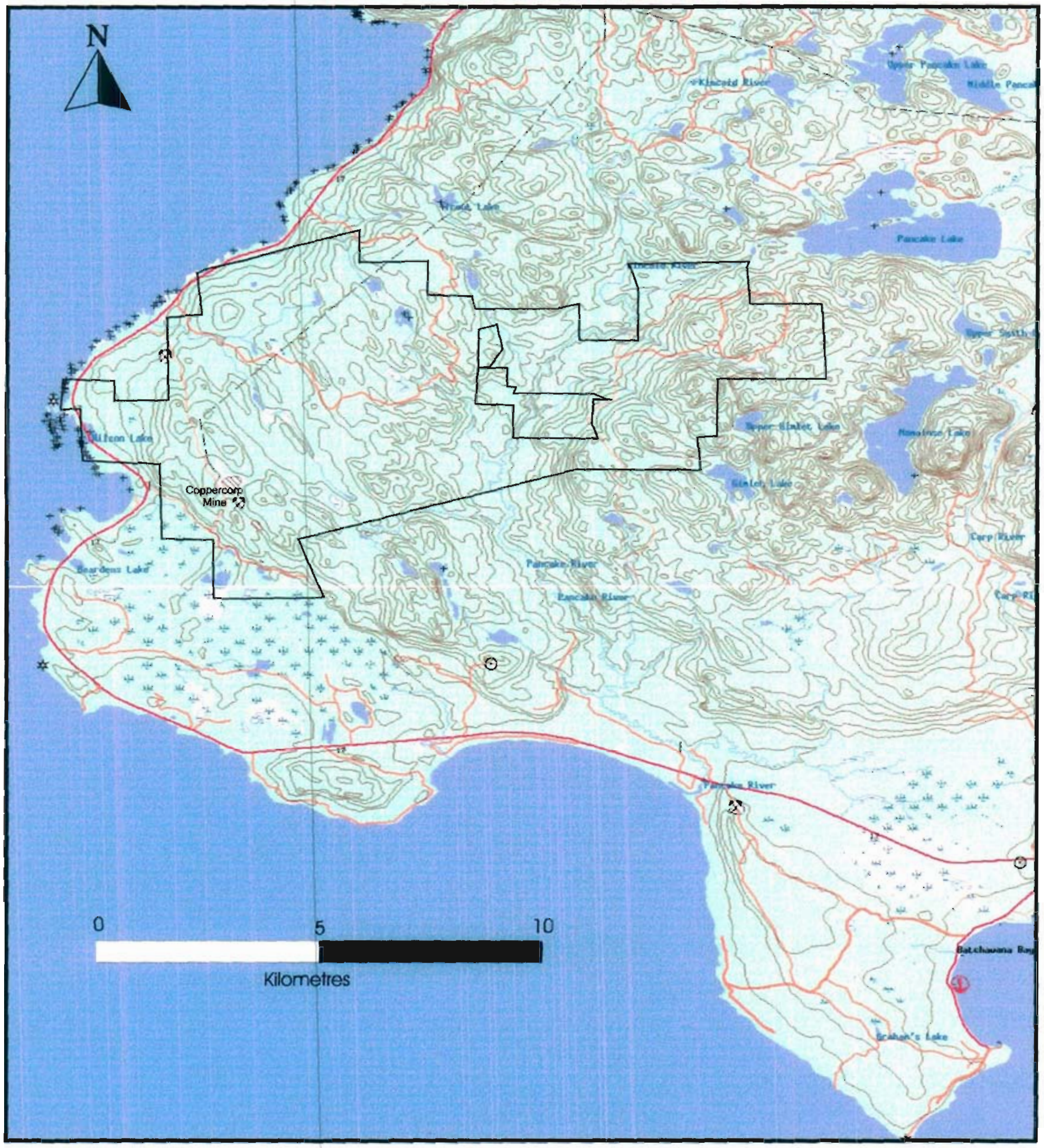

Figure 5: Topographic Map of the Mamainse Point Area

An industrial electric transmission corridor was constructed by Great Lakes Power Company to serve the Coppercorp Mine, and crosses the western part of the property. Water is available from Lake Superior and in limited quantities from small creeks throughout the property.

6. History

The Coppercorp Property has a history of prospecting, mineral exploration and mining activity that dates back to the late 1800's. The history of ownership of the Montreal Mining Company Sand Bay Location is summarized in Table 2.

In 1948-49 old copper showings in the area were examined and drilled by Macassa Mines who later optioned the property to C.C. Houston and Associates. Subsequent drilling of 33,400 feet by the end of 1952 had outlined several mineralized zones in the Coppercorp Mine area, including the C Zone, D Zone, SB Zone and Silver Creek Zone (see Figure 9).

Table 2. History of Ownership of Montreal Mining Sand Bay Location

Years	Ownership
1856-1857	Montreal Mining Co.
1871	Ontario Mineral Lands Co.
1882-1884	Silver Islet Consolidated Mining and Lands Co.
1890	Canada Lands Purchase Synd.
1892	Nipigon Mining Co.
1906-1908	Calumet and Hecla Co.
1948	Macassa Mines Ltd.
1951	C.C. Huston and Associates
1955	Coppercorp Ltd.
1964	Part of Property leased by Vauze Mines Ltd.
	North Canadian Enterprises Ltd.
2002	Terry Nicholson & William Gibbs
	Optioned by Amerigo Resources Ltd.
2004	Nikos acquired option from Amerigo

Source: Ontario Division of Mines Source Mineral Deposit Record 000852.

A new company, Coppercorp Limited, was created and in 1954 proceeded to sink a shaft to 550 feet with levels at 250, 375, and 500 feet (Coppercorp Annual Report 1965). During the underground development, 14,000 feet of lateral development were completed and 60,000 tons of ore were stockpiled. Operations ceased in 1957 due to falling copper prices.

From 1962 to 1964 Vauze Mines Limited (controlled by Sheridan Geophysics Limited) completed additional drilling along with a surface exploration program which included geophysical surveys and geological and geochemical examinations.

A decision was made in 1965 to bring the Coppercorp deposit into production and the original shaft was de-watered and deepened to 629 feet. Underground development resumed at a production rate of 500 tons per day producing copper concentrate (approximately 50% copper) with a recovery in excess of 90%. Concentrates from the Coppercorp deposit contained copper, silver, and gold (example: 1087 short tons of concentrate contained 50.18% copper, 7.72 oz/ton silver, and .222 oz/ton gold; Heslop, 1970, pg. 63). Some of the available historical statistics on underground development, drilling, pre-production ore reserve estimates and production figures are provided in Tables 3, 4 and 5.

Table 3: Historical statistics on underground development and drilling at the Coppercorp Mine.

Exploration Activity	**Type of Activity**	**Information Source**
Underground Development	Drifting : 34,882 feet	SMDR 000852
	Crosscuts: 3,628 feet	SMDR 000852
Drilling	Surface: 16,000 feet	SMDR 000852
	Underground: 20,000 feet	SMDR 000852

Table 4: Historical Pre-Production Ore Reserve Estimates* at the Coppercorp Mine

Mineralized Zone	**Ore Reserve Estimate**	**Information Source**
C Zone and C Zone South**	400,000 tons @ 2.3% Cu	SMDR 000852; Coppercorp Report for 1965
Silver Creek South Zone	490,000 tons @ 1.9% Cu	SMDR 000852; Coppercorp Report for 1965
SB and Silver Creek North Zones	650,000 tons @ 2.1% Cu	SMDR 000852; Coppercorp Report for 1965
Total Ore Reserve Estimate for the Coppercorp Deposit	1,540,000 tons @ 2.1% Cu	SMDR 000852; Coppercorp Report for 1965; Northern Miner 1965

* Ore reserve estimates were given to the 500 foot level. See Note below on the use of 'ore reserve' terminology.

** C Zone South was also referred to as the C2 Zone.

Table 5: Coppercorp production (Source: SMDR 000852)

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, pg.97). 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 Source Mineral Deposit Record , Sault Ste. Marie District Geologist's Office, MND&M).

NOTE: ***The use of the term 'ore reserve' in this report should be viewed strictly in its historical context and should not be correlated with the categories set out in sections 1.3 and 1.4 of National Instrument 43-101 (See item 2).***

6.1 Recent Exploration

6.1.1 Coppercorp Limited

Much of the Coppercorp Property was closed to staking up until June 1, 2002, and consequently only those parts of the property outside of the Montreal Mining Company Sand Bay Location have received the recent attention of prospectors and explorationists. Recent exploration activity has focused on the area of the Lutz vein and L zone, situated approximately 3 kilometres north-northwest of the Coppercorp Shaft (Figure 6). An adit was driven into the Lutz vein, but historical records are unavailable. Both mineralized zones are located on the northwestern strike extension of the Coppercorp Mine workings.

In the mid-1960's, Coppercorp Limited completed induced potential, magnetic, electromagnetic and geochemical surveys in this area as part of a surface exploration program on their property holdings. The magnetometer surveys were considered useful in delineating geological contacts and geologic structure. The electromagnetic survey identified several intermediate to poor conductors which appeared to coincide with superficial clay deposits (altered felsite). The geochemical survey was useful in identifying strong copper anomalies. The IP survey was useful in outlining known copper occurrences and identifying similar anomalies not previously explored.

Results from the surface exploration program (Burns, 1965; Disler, 1967) identified several geochemical and geophysical anomalies in the Lutz vein and L zone area and elsewhere on the Coppercorp property to the south for follow-up drill testing.

6.1.2 J. F. Paquette

More recently, in 1991-92, the property containing the Lutz vein and L zone was explored by J.F. Paquette who completed a self-potential survey along with prospecting, and sampling (Rupert, 1991 and 1993). Results from the self-potential survey identified a number of anomalies. However it was concluded that there was no clear correspondence between known zones of mineralization and the SP anomalies (Rupert, 1993). Assays for gold taken from the mineralized areas of the Lutz vein and L zone returned values ranging from 1 to 7.19 gm/tonne from 8 of the samples. Although gold values occur with copper, there is no apparent correlation between copper and gold concentration (Rupert, 1991).

6.1.3 Cominco Limited

In 1993, Cominco Limited optioned the property containing the Lutz vein and L zone and completed geological mapping, surficial geochemistry, electromagnetic (UTEM) and magnetic surveys (Lum, 1994; Smith, 1995).

The magnetic survey identified several magnetic highs that were interpreted as geological units offset by cross-cutting faults. The UTEM survey, designed to identify deep-seated conductors, showed no significant anomalies. Several narrow zones of low resistivity are associated with magnetic lows and with some known copper showings (Lum, 1994).

Geochemical surveys using soil and humus samples identified copper anomalies over the L zone, but not the Lutz vein. A broad area of above average copper and gold values was identified north and south of an exposed felsic porphyry intrusion which is situated approximately 300 metres west of the mineral occurrences (Smith, 1995).

Chip samples taken by Cominco across a mineralized section of the Lutz vein adit contained up to 6000 ppb gold and 28,000 ppm copper from a chalcocite-bearing, quartz-carbonate breccia. Chip samples taken across a mineralized section of the L zone contained up to 19,500 ppb gold and 50,500 ppm copper in a chalcocite-chalcopyrite vein (Smith, 1995, Assessment File Records, Ryan Township, Sault Ste. Marie District Geologist's Office).

6.1.4 Amerigo Resources Ltd.

Fugro Airborne Surveys (Fugro) completed an airborne magnetic survey covering the Coppercorp property in February 2003. The results of the aeromagnetic survey indicate that the area of the property underlain by Keewenawan-aged rocks is characterized by moderate to high magnetic intensity (Figure 8). Several magnetic highs greater than 59,800 nanoTesla occur on the property. A large (three by three kilometre) magnetic anomaly (referred to as the "regional mag high") encompasses these smaller highs (Figure 8). Areas underlain by conglomerate are typically characterised by lower magnetic intensity than are those areas underlain by volcanic or intrusive rocks. The unconformity between the Keweenawan rocks and the Archean rocks to the west is characterized by a steep magnetic gradient, with the Archean rocks generally having a much lower magnetic intensity.

A north-northeast trending magnetic lineament passes through the area of the old Coppercorp mine. This "mine trend" lineament approximately encompasses known mineralized occurrences to the north of the mine workings. The lineament appears to be offset by northeast and northwest trending faults at several locations. A sub-parallel, lower intensity magnetic lineament ("western magnetic lineament") occurs approximately one kilometre to the west of the "mine trend" lineament (figure 8). Several magnetic highs that occur in the Archean rocks in the eastern portion of the property are of interest, since copper-rich breccia pipe/porphyry occurrences, believed to be Proterozoic in age, occur to the east of the Coppercorp property (see Table 6).

Reconnaissance scale mapping and sampling was carried out by Amerigo in four areas (RMH, Ubetuwanit, Coppercorp West and Pancake River road) during 2002 and 2003. In addition, three areas, the Lutz Vein, L Vein and Coppercorp East, were visited and prospected. Detailed, 1:2,000 scale, geological mapping was undertaken following 16 kilometres of line cutting, on the Silver Creek South grid.

The Regional Mag High area is underlain by variably altered mafic volcanic rocks, conglomerate and flow-banded felsic volcanic rocks. Porphyritic felsic rocks, that form part of the Eastern Felsic Unit, intrude these lithologies. Contacts typically trend northwest-southeast, and measured foliations and layering dip moderately to the northeast. Alteration is dominated by epidote, which occurs as veins and clots, but can be locally pervasive. Red earthy hematite is common in the mafic volcanics and occurs mainly as disseminated grains and more rarely as veins and veinlets. Minor specularite associated with malachite staining was noted in conglomerate close to the contact with overlying felsic volcanic rocks. In addition to epidote and hematite, porphyritic intrusive rocks exhibit potassic alteration in the form of sericite and K-feldspar.

Investigation of pits in the vicinity of the Ubetuwanit showing, located approximately 1.5 kilometres north of the Coppercorp mine site found that the pits occur in variably altered vesicular basalt that host quartz carbonate veins. Alteration consists dominantly of hematite and epidote, with lesser K-feldspar. Mineralization observed in outcrop includes malachite and specularite. Boulders found near these pits contained massive to semi-massive chalcopyrite and chalcocite. Although it is believed that the boulders come from the pits, this has not yet been demonstrated.

Variably altered mafic volcanic rocks with several intelayered conglomerate horizons and minor flow banded felsic volcanic rocks, with occasional quartz phenocrysts are the main rock types in the Western Coppercorp area. Calcite, epidote and chlorite are the typical alteration minerals in the mafic volcanic rocks. The conglomerate is relatively unaltered, except at one location adjacent to an outcrop of fesic volcanic where the conglomerate is intensely sericitized. Copper mineralization in the area is restricted to the mafic volcanic rocks and commonly occurs close to a contact, typically on the eastern (stratigraphic footwall) side. The mineralization consists of chalcopyrite, and malachite with rare bornite and may have associated quartz or quartz-carbonate veins.

Mafic volcanic rocks with intercalated conglomerate horizons underlie the area covered by the silver creek south grid. A thin single band of discontinuous felsic volcanic rock occurs near the western limit of the outcrop on the grid. The rock is flow-banded, with minor (< 1%) millimeter size quartz phenocrysts,

Hematite, calcite, and epidote are the dominant alteration minerals in the mafic volcanic rocks. Potassium feldspar is an important alteration mineral in places, and tremolite occurs in massive mafic volcanic rock close to the contact with overlying conglomerate on lines 20+00N and 21+00N. The intensity of the alteration is extremely variable, and it is difficult to map out distinct alteration zones. The most intense alteration occurs in the western part of the grid, stratigraphically above the conglomerate units.

Significant mineralization on the grid was found hosted by massive mafic volcanic rocks on line 13+00N. The mineralization consisted of chalcocite, chalcopyrite, malchite, bornite and specularite in two outcrops. Samples from each of these outcrops assayed 0.06% Cu and 1.14% Cu. A sample of malachite stained mafic volcanic rocks next to the creek between lines 17+00N and 18+00N assayed 4.65% Cu and 1.66 g/t Au. Traces of specular hematite occur in altered mafic rocks in some areas.

Samples with copper values greater than 1% occur along the "mine trend" and include samples from the Silver Creek South grid, Coppercorp West, the Coppercorp minesite, and the showings to the north. One sample from the Pancake River Road also contains more than 1% copper. Samples containing greater than 0.1% copper typically occur in the same areas, but also include a sample from the A1 showing in the eastern part of the property. Some of the copper-rich samples are also gold rich, including samples from the Lutz vein, Coppercorp west and Silver Creek South that contain more than 1 ppm (part per million) gold. Several samples along the "mine trend" have gold concentrations greater than 100 ppb (parts per billion) and are possibly anomalous. No gold values greater than 100ppb have been found east of the "mine trend".

6.1.5 Nikos Explorations Ltd.

Since acquiring the property from Amerigo, Nikos has carried out detailed mapping, sampling and geophysics on the Beaver Pond grid, a southeasterly extension of the Silver Creek South grid, and on the Regional Mag High grid in the centre of the property. An initial drill program, the first on the property in more than 30 years, was completed during early 2005, targeting areas of known mineralization and chargeability anomalies on the Beaver Pond and Silver Creek South grid.

7. Geological Setting

7.1 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 Coppercorp 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 (Figure 6).

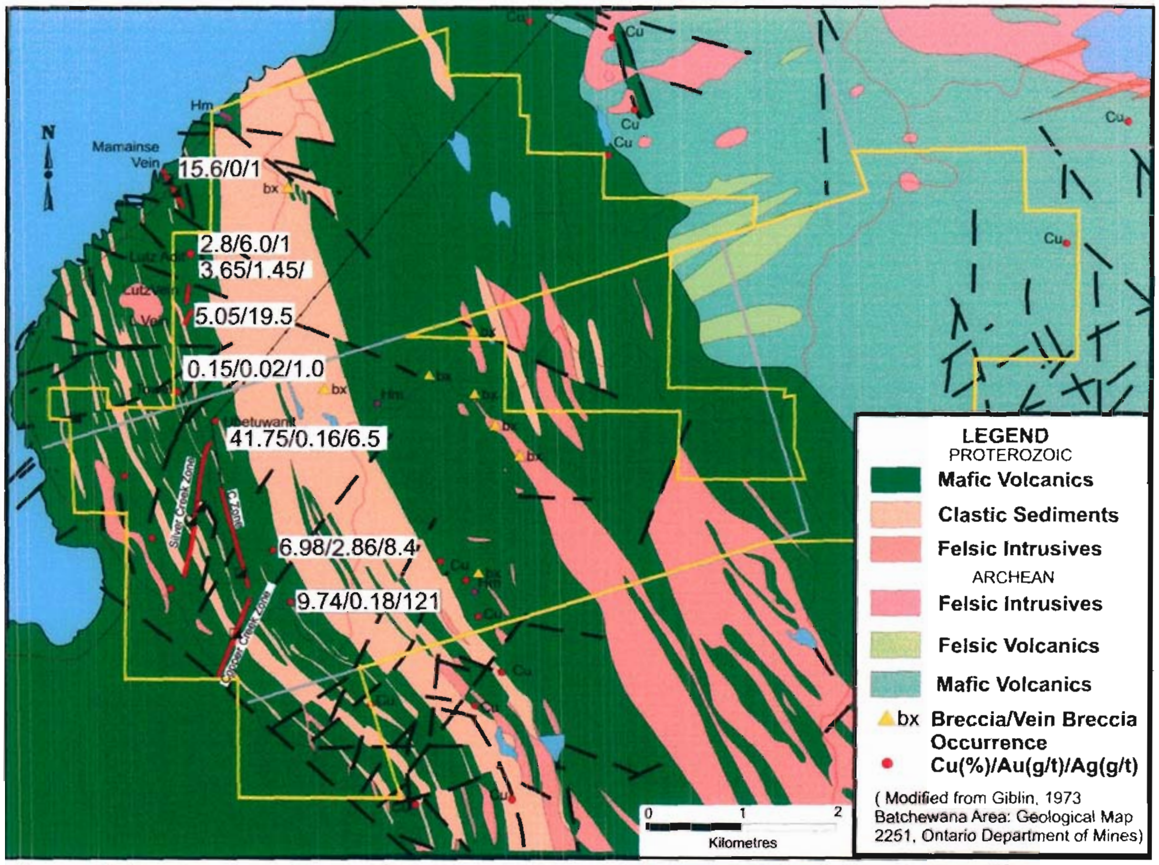

Figure 6. Regional geology of the Batchawana - Mamainse area, showing outline of the Coppercorp Property and significant occurences.(after Giblin, 1973; Richards, 1995).

7.2 Detailed Geology

7.2.1 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 (Figure 6).

The rocks have been intruded by felsic dikes, felsic porphyry, and felsic breccias considered to be Keweenwan in age and related to the Keweenawan felsic volcanic and intrusive rocks occuring more extensively within the Mamainse Point Formation to the west. A Keweenawan-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 noteable for having several Cu-Mo prospects associated with it.

7.2.2 Keweenawan Rocks

The Mamainse Point Formation consists of a 6 kilometre thick sequence of sub-aerial flood basalts intercalated with conglomerates and felsic volcanic and sub-volcanic units (Figure 7). The sequence generally trends to the northwest with a homoclinal dip of 30-40^{o} 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 Keweenawan in age based on paleomagnetic age estimates (Halls and Pesonen, 1982).

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 channelways for hydrothermal fluids (Richards, 1985).

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).

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

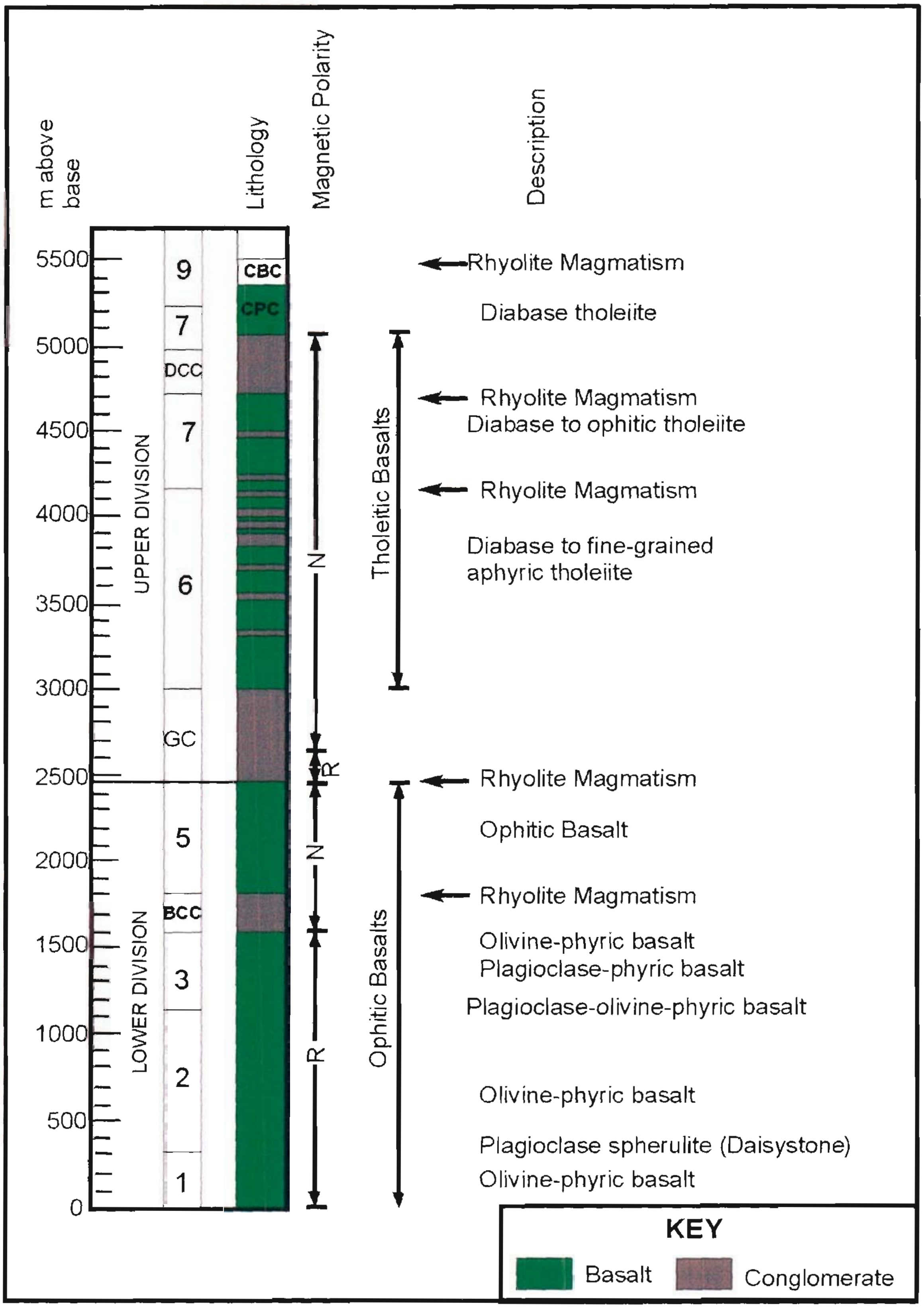

Figure 7: Stratigraphic Section of the Mamainse Point Formation (Smith, 1995)

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.

7.2.3 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 (Figure 6).

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 sub-parallel 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 Keweenawan 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 Coppercorp 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.

7.3 Geophysical Setting

Regional airborne magnetic and electromagnetic surveys were flown over the Batchewana area at 200 metre line spacing by the Ontario Geological Survey (OGS, 1992). A detailed (100m line spacing) airomagnetic survey was flown by Fugro Airborne Services in 2003 for Amerigo Resources. 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 (Figure 8). 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 dispacement along faults. In the western part of the property, a magnetic high forms a northwest-southeast trending lineament (the "mine Trend" lineament) that extends for over 5 km sub-parallel to the regional stratigraphy.

An area of high magnetic intensity ("Regional Mag High") occurs in the north-central part of the Coppercorp Property (Figure 8). 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 may represent breccia pipe or porphyry type intrusions such as the Jogren Porphyry approximately 1km to the east of the Coppercorp Property.

Airborne electromagnetic anomalies have low conductance, are irregularly distributed and appear to reflect areas of conductive overburden (Pancake River valley).

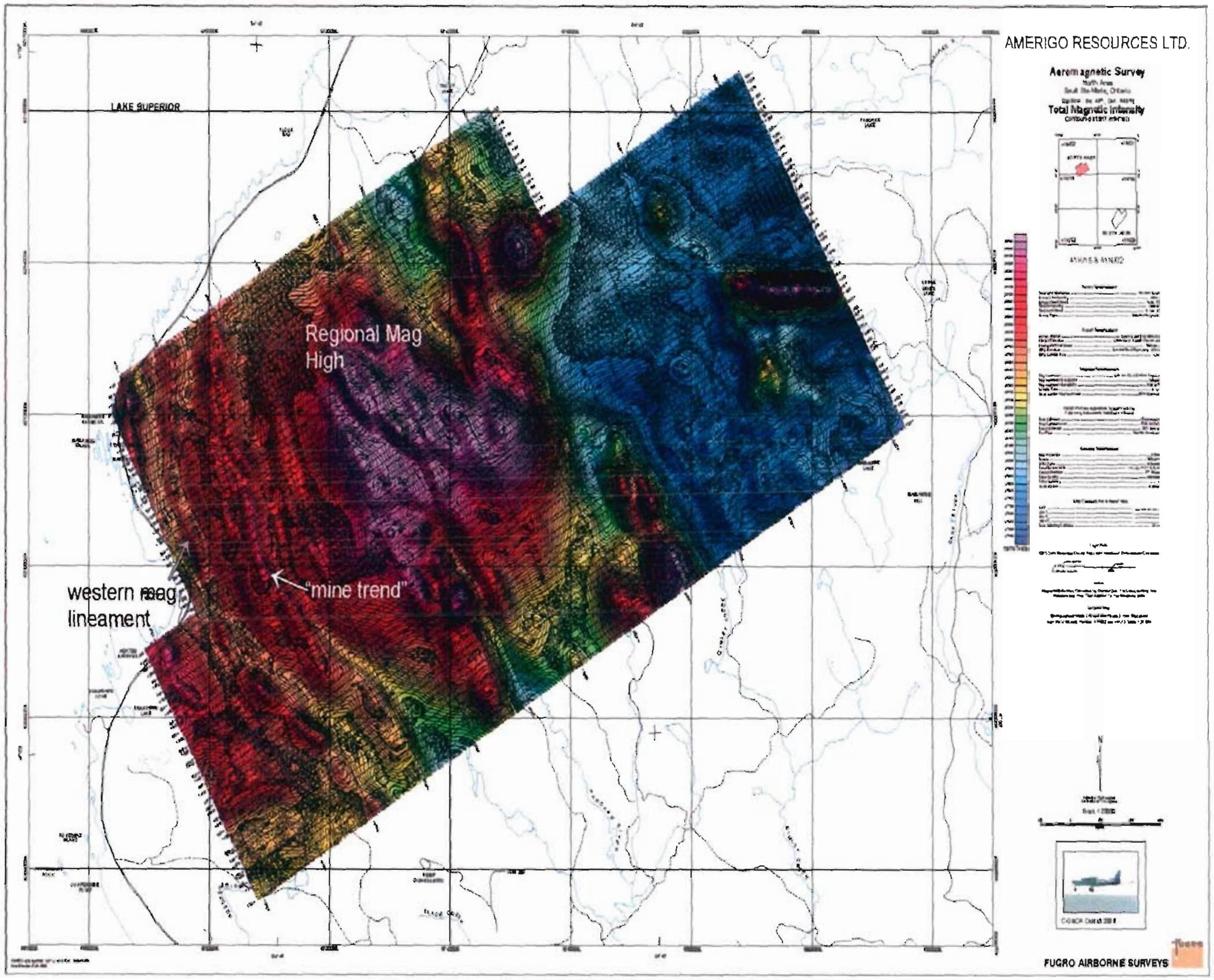

Figure 8. Total Magnetic Field Aeromagnetic Map of the Mamainse Point area.

8. Deposit Type

8.1 Introduction

An iron oxide copper-gold (IOCG) deposit of the Olympic Dam-type is the target of exploration on the Coppercorp Property. The tectonic setting, the geology of the region and the presence of several copper deposits with significant associated iron oxide suggest that this area has potential for Olympic Dam-type deposits.

Iron oxide copper-gold deposits are attractive exploration targets due to their common large size and multi-metal nature. Exploration for these deposit types, especially among junior explorers, has suffered from the lack of rigorously defined models, both empirical and genetic, and well documented case histories. Several recent publications (Vancouver Mining Exploration Group, 2000; Porter, 2000; 2002) have however provided a broad framework of models and case histories that may be used in targeting areas for IOCG potential, and for designing follow-up exploration programs. However, as pointed out by Pollard (2000), IOCG deposits are part of a broad spectrum of copper-gold deposits that include both porphyry and skarn-type deposits and rigid application of deposit specific characteristics to exploration should be avoided.

8.2 Characteristics of IOCG deposits

While IOCG deposits range in age from the Archean to the Neogene, many of the deposits, including most Australian examples such as Olympic Dam and Ernest Henry, are Proterozoic in age. There are many inferred tectonic settings for the deposits, with an anorogenic or rift-related setting being most widely postulated (Barton and Johnson, 1996). However, it appears that regardless of the specific setting, an extensional environment is of fundamental importance (Gandhi and Bell, 1995). A strong structural control is noted in most deposits, with mineralization emplaced along major regional faults or fracture systems, at intersections of faults or in axes of major fold systems (Oreskes & Hitzman, 1993).

Typically IOCG deposits show spatial and temporal links with igneous rocks, including alkalic granitoids and volcanic rocks, calc-alkalic mafic, intermediate and felsic suites, continental flood basalts and rift-related basalts (Barton & Johnson, 1996). Many deposits are directly associated with the emplacement of high level felsic plutons (Ghandi & Bell, 1995; Wall, 2000), typically occurring in the roof zones of the pluton (Ethridge & Bartsch, 2000).

Mineralization is commonly hosted by hydrothermal intrusive breccias or diatreme breccias (Reeve et al., 1990; Pollard, 2000).

IOCG mineralization consists of Ti-poor iron oxide, with lesser phosphates, Cu- and Cu-Fe sulphides, and variable Au, U, Ag and Co (Barton & Johnson, 1996). To some degree it is the low Ti nature of the iron oxide that ties otherwise disparate mineral deposits of the IOCG class together. The most common iron oxides are hematite and magnetite. Magnetite is typically early and occurs in the deeper or more proximal parts of the hydrothermal system, whereas hematite is later, more distal and may overprint the earlier magnetite (Barton & Johnson, 1996; Oreskes & Hitzman, 1993). The magnetite may be accompanied by apatite (e.g. Kiruna) and Cu-Fe-Sulfides (e.g. Ernest Henry, Candelaria) and widespread sodic alteration. Gold and Cu-Fe sulphides are associated with hematite-stage mineralization at Olympic Dam (Reeves et al., 1990; Barton & Johnson, 1996).

A broad range of elements may be associated with the mineralization. Apart from the Fe, Cu and in some cases Au and Ag, comprising the mineralization, deposits may be anomalous in Ba, P, F, Cl, Mn, B, K, REE, U and Na and have elevated Co, Ni, Te, As, Mo and Nb abundances, whereas Ti and Cr tend to be depleted (Foose & Grauch, 1995).

Exploration for IOCG deposits relies heavily on gravity and magnetic surveys, with coincident gravity and magnetic anomalies being the preferred target (Gow et al.,1994). Detailed aeromagnetic surveys are recommended to map structure in the area of interest with likely dilational sites targeted for further follow up using alteration and geochemistry to site drillholes (Etheridge & Bartsch, 2000).

8.3 Application to the Coppercorp Property

The following features, considered to be key exploration criteria for IOCG deposits, are relevant to the Mamainse-Batchewana area:

1. A continental rift-related tectonic setting on the eastern margin of the Mid Continent Rift system.
2. The Keweenawan basalts represent a significant volume of potential copper source rocks. A thickness of 14,300 to 19,900 feet (4.3 to 6 kilometres) has been estimated for the flows (Giblin, 1974).

3. The presence of a massive magnetite vein grading 3.9% copper over 1.05 metres at Jogran (Rupert, 1997) and flourite associated with the Breton Breccia at Tribag (Blecha, 1974) and with Coppercorp ore (Rupert, 1997).
4. The presence of numerous faults some of which are splays off major crustal faults such as the Mamainse Point Fault to the south of the property.
5. The apparent high level emplacement of the felsic intrusives (Richards, 1985)
6. The presence of dilational sites along active structures (Heslop, 1970).
7. The presence of a high temperature saline brine (350°C to 450°C), 15-20 eq. wt. % $CaCl_2$ believed to be magmatic in origin and a lower temperature fluid (<100°C to 350°C, 0 to 15 eq. wt. %) believed to be a mixture of magmatic and meteoric fluid (Richards, 1985).
8. The occurrence of widespread Cu mineralization in the area as both low tonnage medium grade deposits (e.g. Coppercorp) and high tonnage low grade deposits (e.g. East Breccia zone of Tribag mines).
9. The presence of a broad, regional aeromagnetic anomaly over the property (Figure 9) and the presence of several gravity anomalies (Mackie, 2003)
10. The production of limited amounts of gold and silver along with the copper at the Coppercorp Mine and the anomalous concentrations of gold and silver found in the outlying copper occurrences.

9. Mineralization

9.1 Introduction

Copper mineralization in the area occurs in two forms:

- Disseminated sub-economic native copper in amydules and veins
- Vein-hosted copper sulphide deposits

While it was the first of these that apparently brought the initial explorers to the area, only the second type of mineralization has been mined. The Coppercorp mine produced 1,021,358 tons grading 1.16% Cu plus approximately 237,603 ounces of silver and 1,964 ounces of gold from such veins between 1965 and 1972 (Source Mineral Deposit Record 000852).

Mineralized veins occur in fault-related 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.

Several other copper-dominant systems occur in the Mamainse Point - Batchawana area and are summarized in Table 6.

Table 6: Copper deposits in the Mamainse Point – Batchawana Area

Deposit	**Deposit Type**	**Production Years**	**Production**	**Reserves**	**Source**
Coppercorp	Copper-quartz vein	1965 to 1972	1.02 M tons @ 1.16% Cu	?	4
Mamainse	Copper-quartz vein	1882 to 1884	?	?	2
Tribag	Breccia Pipes	1967 to 1973	1.1 M tons @ 1.65 % Cu	?	1
Breton Breccia				40M tons @0.2% Cu above 300m	1
East Breccia				125M tons @0.13% Cu and 0.04% MoS_2	3
West Breccia				0.1M tons @ 0.6 to 1.0% WO_3	1
Jogran	porphyry	N/A		18M tonnes @ 0.19% Cu and 0.05% MoS_2	1

Sources: 1 Rupert, 1997; 2 Moore, 1926; 3. EM&R, 1989; 4. SMDR 000852

9.2 Coppercorp Deposit

Mineralization at the Coppercorp Mine is structurally controlled, occurring within fault-related breccia zones and veins that transect the Keweenawan basalt flows and conglomerates. The width of the structural zones varies along strike from tight shears less than 1 metre to broad disrupted lenses up to 12 metres across (Richards, 1985). The veins and breccias consist of quartz and carbonate with subordinate laumontite and fluorite. The principal ore mineral is chalcocite with lesser amounts of bornite, chalcopyrite, and rarely, native copper. Massive chalcocite veins, 20-25 cm wide, were found at numerous localities within the deposit. Large vugs of varying size are lined with quartz, calcite, and sulphides and were commonly found throughout the deposit, suggesting a shallow 'open space filling' type of mineralizing process (Heslop, 1970).

The fault system at Coppercorp consists of two sets of structures (Figure 10). A north-northeast trending set dips 50-65^{o} east and comprises the Copper Creek Zone, Silver Creek Zone, and the 'G', 'H', and 'F' Zones. A north-northwest trending set dips 50-70 east and consists of the C Zone, SB Zone, D Zone and B Zone. The north-northwest trending set represents the most productive structures and strikes almost parallel, but with normal dips, to the volcanic and sedimentary strata. Where a north-northwest trending fault zone like the C Zone intersects the Great Conglomerate (at about 150 metre depth), the fracture zone narrows and there is a corresponding decrease in the sulphide mineral content. The narrower fracture system in the conglomerate was attributed to the lower competency of the rock compared to the mafic volcanics (Heslop, 1970).

Some of the mineralized structures such as the C Zone, SB Zone and further to the north-northwest along strike, the L zone, Lutz Vein and Mamainse Vein, display an apparent stratigraphic control. The mineralization occurs primarily within basalts of the upper section of the Mamainse Point Formation, 75-150 metres above the Great Conglomerate (Figure 7 & 8).

Heslop (1970) defined four major stages of fault development in the Coppercorp Deposit (Table 7, Figure 10). Based on the crosscutting relationships of these structures there is an apparent younging in the development of fault zones from south to north in the deposit. Mineralogical changes in the ore or other characteristics associated with this relative structural timing have not been documented.

Richards (1985) recognised four stages of mineralization: 1. pyrite-chalcopyrite 2. chalcopyrite-bornite 3. chalcocite-hematite 4. native copper, native silver, copper arsenides, malachite and hematite. The third stage was the most important source of copper, producing rich veins of chalcocite and replacing earlier sulphides.

Mineralized structures cut across and are cut by felsite dikes within the mine. In addition, diabase dikes follow major fault zones, are brecciated in places, and also cut felsic intrusives. Both the diabase and felsite intrusions are considered to have been emplaced contemporaneously with fault movement, brecciation and sulphide deposition (Heslop, 1970).

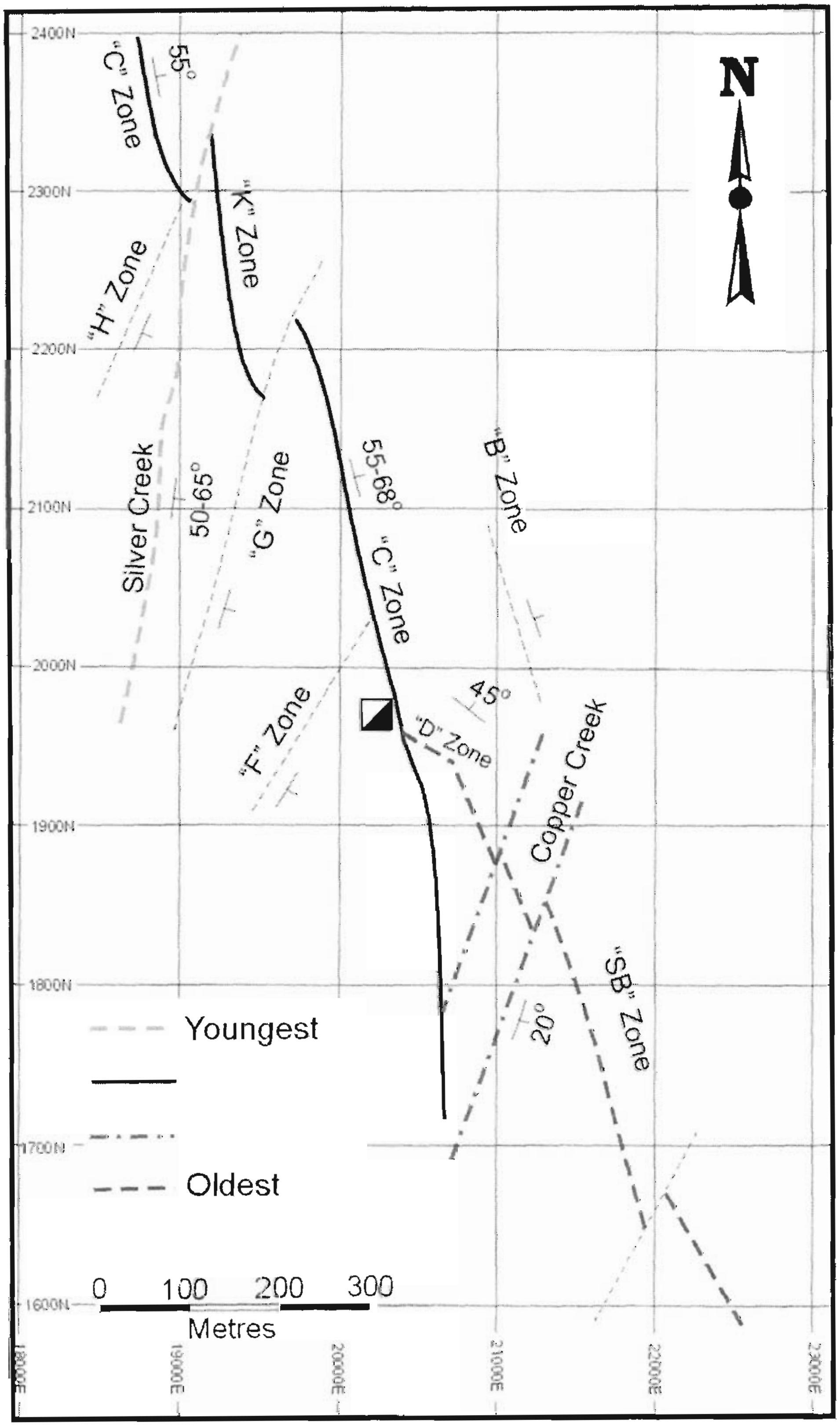

Figure 9: Mineralized structures in the Coppercorp deposit (after Heslop, 1970)

Table 7: Relative age of fault zones based on cross-cutting relationships (Heslop, 1970)

Mineralized (Fault) Zone	Strike	Dip	Relative Age 1 - oldest, 4 - youngest
SB Zone	N18-25W	East	1
Copper Creek Zone	N20E	55-60 E	2
C Zone	N15W	55-68 E	3
Silver Creek Zone	N10E	50-65 E	4
D Zone	N60W	45 NE	4
B Zone	N15W	East	4*
F Zone	N30E	Southeast	4*
G Zone	N20E	East	4*
H Zone	N20E	East	4*

* age relationships uncertain

10. Exploration

10.1 Diamond Drilling

Nikos Explorations Ltd. carried out a seventeen-hole diamond drill program on the Coppercorp iron-oxide copper-gold (IOCG) property near Sault Saint Marie, Ontario during August of 2005. A total of 2,728 metres were drilled in seventeen holes numbered CP05-07 to CP05-23 (Table 8). The drill hole locations are shown in Figure 10.

Table 8. Drill Hole Collar Co-ordinates Coppercorp Phase II Drilling Program

Hole ID	Easting	Northing	Grid North	Grid East	Azimuth	Inclination	Depth (M)
CP05-07	671486	5208823	6+40	21+47	240	-45	233.0
CP05-08	671486	5208823	6+40	21+47	240	-60	200.0
CP05-09	671567	5208937	5+00	21+50	240	-45	200.0
CP05-10	671618	5208777	3+00	21+50	240	-45	218.0
CP05-11	671121	5209260	10+00	20+00	240	-45	179.0
CP05-12	671045	5209077	9+00	19+00	240	-45	203.0
CP05-13	671129	5208783	8+00	19+00	60	-45	236.0
CP05-14	671373	5208706	6+00	19+80	60	-50	167.0
CP05-15	670878	5209020	11+00	17+60	240	-45	140.0
CP05-16	670467	5211031	Ubetuwanit Showing		240	-45	71.0
CP05-17	670467	5211031	Ubetuwanit Showing		N/A	-90	80.0
CP05-18	670962	5208942	10+00	17+60	240	-45	143.0

CP05-19	671395	5208661	5+50	19+80	60	-50	179.0
CP05-20	671305	5208724	6+50	19+40	60	-50	182.0
CP05-21	670198	5209436	17+90	13+60	240	-50	197.0
CP05-22	670101	5212081	L Zone Showing		240	-60	50.0
CP05-23	670101	5212081	L Zone Showing		240	-45	50.0

The drill program was designed to follow up successful results of the phase I drilling program as well as to test new targets elsewhere on the Silver Creek and Beaver Pond Grids and the L Zone and Ubetuwanit showings to the north of the grids.

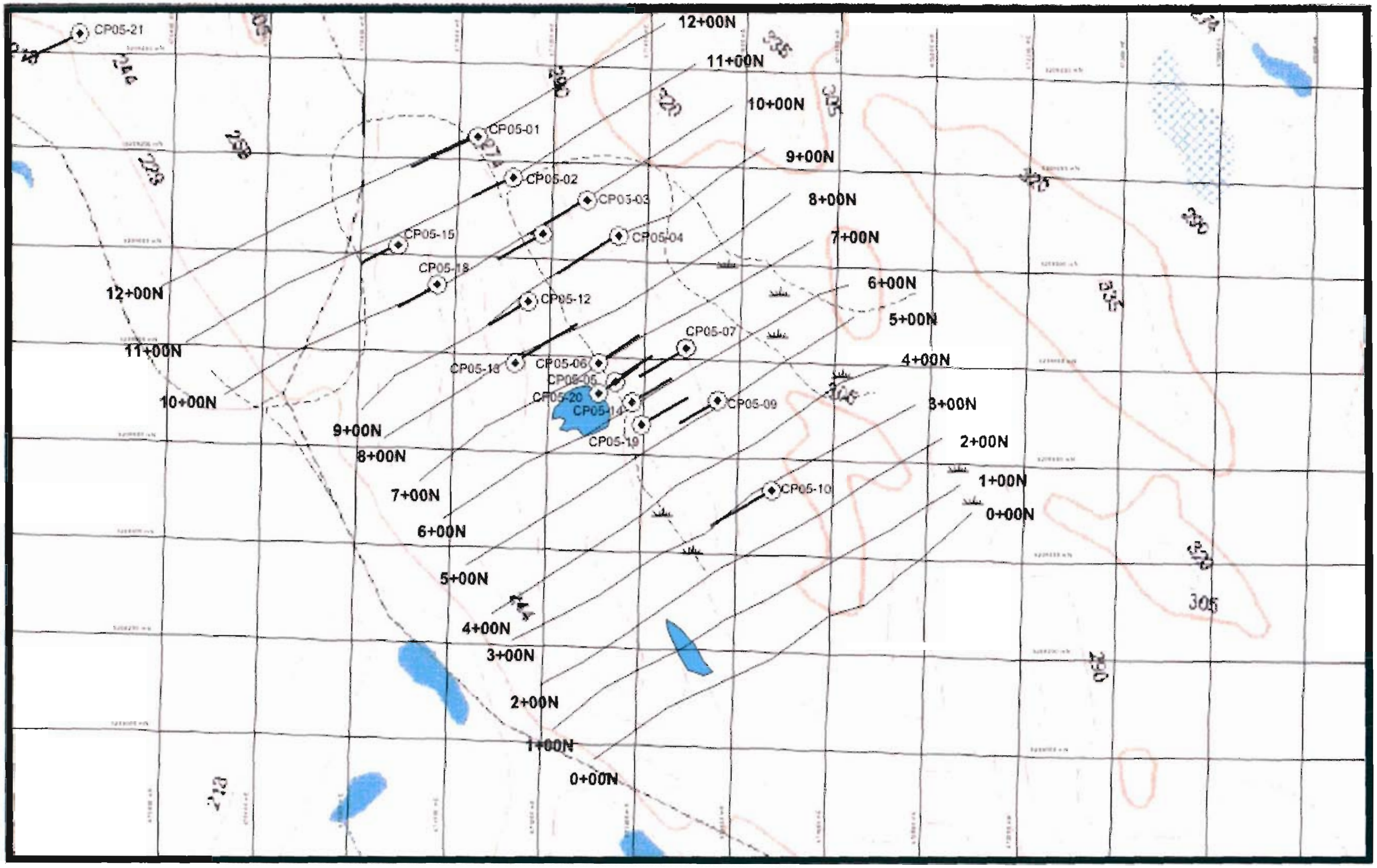

Figure 10. Drill Hole Collar Location Plan.

The environmental impact of the drilling program was minimal. Trails to individual drill sites followed existing forestry roads and skidder trails where possible. A minimal number of trees were knocked down during drill site preparations. Water used for drilling was taken partly from a pond adjacent to the last two holes. Special care was taken by both the geologists and drill crew to disturb the area as little as possible.

The following subsections describe in detail the geology, mineralization and alteration observed within the drill holes. Detailed logs of each hole may be found in Appendix 1.

DDH CP05-07

Diamond drill hole CP05-07 is located on L6+40N at 21+47E on the Beaver Pond grid (681038mE; 5209248mN in UTM grid (NAD 27 Zone 16). Azimuth of the drill hole is 240° and inclination is -45° from the horizontal. Total depth of the drill hole is 233.0 metres. A cross-section of the hole is illustrated in Figure 11.

The purpose of this hole was to test the down dip extension of the mineralized zone intersected in hole CP05-05.

Hole CP05-07 started in an unaltered, coarse amygdaloidal flow with scattered quartz, calcite and chlorite amygdules from 11.0 to 16.65 metres depth. This unit is followed by fine grained, grey amygdaloidal basalt, from 16.65 to 24.05 metres, characterized by calcite, quartz, K-feldspar and zeolite amygdules that vary in size from a few mm up to 2cm. Some of the amygdules are zoned with a K-feldspar core and an epidote rim. From 24.05 to 70.5 metres the hole intersected a coarse amygdaloidal flow with a few calcite epidote and K-feldspar amygdules and patches of weak epidote alteration. This flow is weakly mineralized with specks of chalcocite in quartz - epidote veinlets at varying degrees to the core axis. From 70.5 to 77.15 metres intersected a fine grained, grey amygdaloidal basalt with small patches of sericite alteration. From 77.15 to 109.7 metres the hole goes through a medium to coarse grained amygdaloidal flow with mm size calcite veinlets containing specks of chalcocite at 94.7m, 97.7m, 100.3m and 104.5m. This interval contains 0.17% Cu over 27.05metres from 77.15 to 104.2 metres. The following units from 109.7 to 142.75 metres consist of a series of fine to coarse grained amygdaloidal flows with calcite veinlets oriented at 60 degrees to the core axis and weak, but, pervasive hematite alteration. Some of the veinlets contain specks and minor blebs of chalcocite at 109.9m, 122.6m and 141.0 metres.

A narrow vein breccia with finely disseminated chalcocite in a vuggy silica - hematite matrix was intersected from 142.75 to 143.0 metres. The vein breccia is followed by a fine grained, grey amygdaloidal basalt from 143.0 to 145.75 metres. This flow contains abundant calcite amygdules and minor specks of chalcocite in calcite veinlets oriented at 50-60 degrees to the core axis. From 145.75 to 146.4 metres a well fractured light green mafic dyke oriented at 60 degrees to core axis contains blebs of chalcocite in cm thick calcite veinlets. The mafic dyke is followed by a vein breccia from 146.4 to 148.1 metres intruded by extremely altered well fractured mafic dykes up to 30 cm thick. The calcite rich vein breccia contains specks of native silver. The lower contact of the vein breccia is oriented at 55 degrees to core axis.

From 148.1 to 148.65 metres a fine grain, rusty looking, amygdaloidal basalt contains tiny iron oxide filled amygdules and finely disseminated specular hematite in the groundmass. Sulphide mineralization intersected in this interval consists of chalcocite finely disseminated in the groundmass and specks of chalcocite in mm size calcite veinlets. A thick, medium to coarse grained, grey amygdaloidal flow with small chlorite amygdules and odd cm size K-feldspar amygdules was intersected from 148.65 to 182.0 metres. The upper part of the flow contains more fracture filling calcite veinlets while the lower part of the flow is characterized by metre size bands of weak epidote alteration.

From 182.0 to 187.7 metres a well veined, medium grain, greyish-green, amygdaloidal flow contains tiny chlorite and iron oxide filled amygdules of irregular shape.

From 187.7 to 188.3 metres the hole intersected a 60 cm zone of intense calcite, quartz and hematite veining with specks and veinlets of chalcocite in a strong carbonate and zeolite altered matrix. The veinlets are oriented at 50 degrees to core axis. This interval contains 2.97% Cu and 5.1 g/t Ag.

From 188.3 to 210.0 metres the hole goes through a series of fine to medium grain, amygdaloidal flows with weak to moderate fracturing and veining. These flows are followed by a strongly altered polymictic conglomerate from 210.0 to 215.0metres. The conglomerate has been intruded by a series of cm size vein breccias with a silicified carbonate matrix and hematite rich sections.

The conglomerate has a calcite rich matrix with calcite veinlets with minor specks of chalcocite throughout this section. Both contacts are oriented at 70 degrees to core axis.

Hole CP05-07 was stopped at 233.0 metres into a fine to very fine grain, greenish-grey amygdaloidal basalt. This moderate to strongly magnetic flow is well veined near the contact with the conglomerate. Calcite amygdules abundant near the top of the flow are replaced by bands of tiny chlorite amygdules towards the lower part of the flow.

Sulphide mineralization within this flow is represented by specks of native copper in a quartz veinlet at 221.5 metres and specks of chalcocite in epidote veinlets at 227.0 and 232.0 metres.

Table 9. Copper, silver and gold analyses for hole CP-05-07

Drill Hole	Sample	Depth		Length	Cu	Ag	Au
No.	No.	from	to	m	ppm	ppm	ppb
CP05-07	34762	16.65	18.65	2.00	116	0.1	2.5
CP05-07	34763	32.00	32.5	0.50	7400	2.8	2.5
CP05-07	34764	42.8	43.3	0.50	385	0.1	2.5
CP05-07	34765	45.9	46.5	0.60	3020	0.1	2.5
CP05-07	34766	54.2	55.0	0.80	642	4.9	2.5
CP05-07	34767	55.0	55.5	0.50	217	0.1	2.5
CP05-07	34768	55.5	56.5	1.00	2190	0.1	2.5
CP05-07	34769	56.5	58.15	1.65	100	0.1	2.5
CP05-07	34770	58.15	58.65	0.50	4530	3.2	2.5
CP05-07	34771	58.65	59.65	1.00	7520	0.4	2.5
CP05-07	34772	62.5	63.5	1.00	321	0.1	2.5
CP05-07	34773	69.8	70.5	0.70	332	0.1	6.0
CP05-07	34774	70.5	71.9	1.40	76	0.1	2.5
CP05-07	34775	71.9	73.25	1.35	58	0.2	2.5
CP05-07	34776	Stand.	17Pb				
CP05-07	34777	77.15	77.65	0.50	12500	0.1	26
CP05-07	34778	77.65	79.65	2.00	474	0.1	5
CP05-07	34779	79.65	81.65	2.00	18	0.1	2.5
CP05-07	34780	81.65	83.5	1.85	47	0.1	2.5
CP05-07	34781	83.5	84.0	0.50	707	2.9	6
CP05-07	34782	84.0	86.0	2.00	125	0.1	2.5
CP05-07	34783	86.0	87.0	1.00	3310	0.1	2.5
CP05-07	34784	87.0	88.0	1.00	16700	0.1	7
CP05-07	34785	88.0	89.0	1.00	576	0.1	2.5
CP05-07	34376	89.0	90.0	1.00	107	0.1	2.5
CP05-07	34786	90.0	92.0	2.00	294	0.1	2.5
CP05-07	34787	92.0	92.75	0.75	4030	0.6	2.5
CP05-07	34788	92.75	94.0	1.25	210	0.1	2.5
CP05-07	34789	94.0	95.0	1.00	930	0.1	2.5
CP05-07	34790	95.0	97.0	2.00	52	0.1	2.5
CP05-07	34791	97.0	98.0	1.00	2450	0.1	2.5
CP05-07	34377	98.0	99.0	1.00	76	0.1	2.5
CP05-07	34792	99.0	100.0	1.00	3090	0.1	2.5
CP05-07	34793	100.0	100.5	0.50	420	0.1	2.5
CP05-07	34378	100.5	101.5	1.00	4660	0.2	7

CP05-07	34379	101.5	102.0	0.50	1150	0.9	2.5
CP05-07	34794	102.0	103.0	1.00	305	0.1	2.5
CP05-07	34795	103.0	104.2	1.20	960	0.1	2.5
CP05-07	34380	109.5	110.0	0.50	13500	0.4	11
CP05-07	34796	110	111.0	1.00	3670	0.1	2.5
CP05-07	34797	Blank					
CP05-07	34392	120.55	122.55	2.00	108	0.1	2.5
CP05-07	34798	122.55	123.3	0.75	30400	0.8	15
CP05-07	34799	123.3	124.5	1.20	1430	0.1	2.5
CP05-07	34381	124.5	126.5	2.00	816	0.1	2.5
CP05-07	34382	126.5	128.5	2.00	159	0.1	2.5
CP05-07	34383	128.5	130.2	1.70	104	0.1	2.5
CP05-07	34800	130.2	131.2	1.00	833	0.1	2.5
CP05-07	34801	131.2	132.7	1.50	172	0.1	2.5
CP05-07	34802	132.7	133.35	0.65	909	0.3	2.5
CP05-07	34384	133.35	134.5	1.15	315	0.1	2.5
CP05-07	34385	134.5	135.5	1.00	635	0.1	2.5
CP05-07	34386	135.5	136.5	1.00	1090	0.1	2.5
CP05-07	34387	136.5	137.5	1.00	118	0.1	2.5
CP05-07	34388	137.5	138.5	1.00	219	0.1	2.5
CP05-07	34389	138.5	139.5	1.00	164	0.1	2.5
CP05-07	34390	139.5	140.3	0.80	56	0.1	2.5
CP05-07	34803	140.3	141.4	1.10	7350	0.1	2.5
CP05-07	34804	141.4	141.9	0.50	14500	0.6	12
CP05-07	34391	141.9	142.6	0.70	1370	0.1	2.5
CP05-07	34805	142.6	143.1	0.50	2580	2.4	6
CP05-07	34806	143.1	144.5	1.40	2100	2.4	2.5
CP05-07	34807	144.5	145.75	1.25	2790	0.6	2.5
CP05-07	34808	145.75	146.4	0.65	22500	1.1	7
CP05-07	34809	146.4	148.1	1.70	19500	5.7	27
CP05-07	34810	148.1	148.7	0.60	7530	0.8	7
CP05-07	34811	Blank				0.1	2.5
CP05-07	34812	148.7	150.7	2.00	234	0.1	2.5
CP05-07	34813	150.7	152.1	1.40	379	0.1	2.5
CP05-07	34814	152.1	154.1	2.00	3770	0.2	5
CP05-07	34815	154.1	156.1	2.00	198	0.1	2.5
CP05-07	34816	156.1	158.0	1.90	172	0.1	2.5
CP05-07	34817	167.0	168.2	1.20	98	0.1	2.5
CP05-07	34818	171.85	172.35	0.50	826	0.1	2.5
CP05-07	34819	179.45	181.45	2.00	72	0.1	2.5
CP05-07	34820	181.45	182.2	0.75	64	0.1	2.5
CP05-07	34821	182.2	183.5	1.30	57	0.1	2.5
CP05-07	34822	183.5	185.0	1.50	2800	2.6	2.5
CP05-07	34823	185.0	186.4	1.40	242	0.1	2.5
CP05-07	34824	186.4	187.7	1.30	664	0.8	2.5
CP05-07	34825	187.7	188.3	0.60	29700	5.1	69
CP05-07	34826	Stand.	51P				
CP05-07	34393	188.3	190.3	2.00	346	0.1	2.5

CP05-07	34394	190.3	191.7	1.40	541	0.1	5
CP05-07	34827	191.7	193.0	1.30	145	0.1	8
CP05-07	34828	208	210	2.00	39	0.1	2.5
CP05-07	34829	210	212	2.00	470	0.4	2.5
CP05-07	34830	212	213.5	1.50	171	0.1	2.5
CP05-07	34831	213.5	215.0	1.50	727	0.9	2.5
CP05-07	34832	Blank					
CP05-07	34833	215.0	217.0	2.00	2700	1.8	2.5
CP05-07	34834	217.0	219.0	2.00	542	0.1	2.5
CP05-07	34835	219.0	221.0	2.00	276	0.1	2.5
CP05-07	34836	221.0	221.65	0.65	359	0.1	2.5
CP05-07	34837	226.65	227.25	0.50	9730	3.4	6
CP05-07	34838	230.0	232.35	1.75	950	0.1	2.5

DDH CP05-08

Diamond drill hole CP05-08 is located on L6+40N at 21+47E on the Beaver Pond grid (681038mE; 5209248mN in UTM grid (NAD 27 Zone 16). Azimuth of the drill hole is 240° and inclination is -60° from the horizontal. Total depth of the drill hole is 200.0 metres. A cross-section of the hole is illustrated in Figure 11.

The purpose of this hole was to test the down dip extension of the sulphide mineralization intersected in hole CP05-07.

Hole CP05-08 starts with a yellowish-reddish, strongly altered felsic flow intersected from 3.0 to 7.4 metres. A weak flow banding observed within this flow is oriented at 75 degrees to core axis. Pervasive epidote and iron oxide alteration is stronger between 6.4 and 7.4m. From 7.4 to 88.25 metres the hole goes through a series of amygdaloidal flows that vary in thickness from five to 20 meters. These flows are characterized by variable grain size and predominantly calcite amygdules with lesser epidote, chlorite and K-feldspar amygdules. A pervasive moderate epidote alteration is replaced by a patchy strong epidote and/or hematite alteration towards the bottom part of this section. Weak to moderate fracture filling calcite veinlets are oriented at 15 to 30 degrees to core axis.

A 20 cm vein breccia with angular basaltic clasts in a calcite and zeolite rich matrix is intersected from 88.25 to 88.45metres. The vein breccia has sharp contacts at 50 degrees to core axis.

From 88.45 to 105.4 metres the drillhole goes through a series of two to five metres thick fine to medium grain, grey amygdaloidal flows. These flows contain abundant calcite amygdules and fewer epidote and chlorite amygdules. Epidote is the main alteration mineral and epidote, zeolite and calcite are the dominant fracture filling veinlets within these flows. Two 5 and 10 cm thick quartz, calcite and feldspar vein breccias with blebs of chalcocite and fracture filling mm size chalcocite veinlets were intersected from 105.4 to 105.7 metres. From 105.7 to154.5 metres the hole intersected a series of coarse amygdaloidal flows and fine grained massive basaltic flows. The coarse amygdaloidal flows are characterized by pervasive or patchy moderate to strong epidote alteration and pervasive specular hematite in the groundmass. They are moderately fractured with predominantly epidote and calcite fracture filling veinlets. From 154.5 to 160.55 metres the hole goes through a polymictic conglomerate with granite, gneiss and basaltic clasts in a hematite and calcite rich matrix. Both contacts of the conglomerate are oriented at 50 degrees to core axis and the upper contact has been intruded by a barren 20 cm thick calcite vein. The conglomerate is followed by a 50 cm vein breccia from 160.55 to 161.05 metre depth. The vein breccia has a hematite stained calcite and silica rich matrix with specks and blebs of native copper. The vein breccia intersects the core axis at 50 degrees.

From 161.05 to 163.55 metres the hole intersects a strongly altered polymictic conglomerate with chalcocite specks, malachite stains and specular hematite in the matrix.

From 163.55 to 165.3 metres the hole goes through a vein breccia characterized by a mixture of strong epidote altered, light beige coloured, basaltic clasts within a vuggy silica matrix with calcite veins, chalcocite specks and malachite stains in the voids. The vein breccia contains specks and veinlets of chalcocite throughout this section. The lower contact is sharp and oriented at 60 degrees to core axis.

A fine grain, grey amygdaloidal basalt with calcite and chlorite amygdules and moderate quartz and calcite filled hairline fractures was intersected from 165.3 to 176.55 metres. This flow is locally magnetic and contains specks of chalcocite in some of the calcite veinlets.

From 176.55 to 193.9 metres the hole goes through a fine grain, grey, magnetic, massive basalt. The flow is locally magnetic and the fracture filling veinlets of calcite, quartz and epidote have the odd speck of chalcocite. Calcite veinlets with veinlets of chalcocite were intersected within a brecciated section of the flow, with basaltic clasts in a calcite matrix, from 187.65 to188.55 metres. 193.9 to 195.0 metres a 3 cm thick calcite vein is oriented at 10 degrees to core axis. 195.0 to 195.5 metres fine grained grey basalt contains abundant calcite and zeolite spherules. This flow is followed by a 50 cm thick vein breccia with basaltic clasts in a carbonate matrix and carbonate clasts in a hematite rich matrix. The upper contact of the breccia is oriented at 25 degrees to core axis.

The hole was stopped at 200.0 metres in a fine grained, grey, amygdaloidal flow with calcite, chlorite and zeolite amygdules and the odd calcite veinlet.

Table 10. Copper, silver and gold analyses for hole CP-05-08

Drill Hole	Sample	Depth		Length	Cu	Ag	Au
No.	No.	from	to	m	ppm	ppm	ppb
CP05-08	34839	3.0	5.25	2.25	224	0.3	<5
CP05-08	34840	5.25	7.4	2.15	247	0.6	<5
CP05-08	34841	10.3	11.3	1.00	103	<0.2	10
CP05-08	34842	17.0	19.0	2.00	125	<0.2	<5
CP05-08	34843	38.95	40.95	2.00	221	<0.2	<5
CP05-08	34844	40.95	42.95	2.00	122	<0.2	<5
CP05-08	34845	51.85	53.85	2.00	298	<0.2	<5
CP05-08	34846	53.85	55.95	2.10	20	<0.2	10
CP05-08	34847	76.0	77.0	1.00	432	0.6	10
CP05-08	34848	77.0	79.0	2.00	116	<0.2	<5
CP05-08	34849	79.0	80.5	1.50	83	<0.2	<5
CP05-08	34850	80.5	82.1	1.60	136	<0.2	<5
CP05-08	34851	Stand.	17Pb		80	0.5	2390
CP05-08	34852	82.1	83.6	1.50	82	<0.2	<5
CP05-08	34853	83.6	85.0	1.40	54	<0.2	<5
CP05-08	34854	85.0	86.5	1.50	33	<0.2	15
CP05-08	34855	86.5	88.0	1.50	60	<0.2	<5
CP05-08	34856	88.0	88.5	0.50	759	1.1	<5
CP05-08	34857	105.1	105.8	0.70	9660	1.2	10
CP05-08	34858	112.7	113.1	0.40	14100	0.2	10
CP05-08	34859	113.1	114.55	1.45	211	<0.2	<5
CP05-08	34860	114.55	116.3	1.75	211	<0.2	<5
CP05-08	34861	116.3	117.7	1.40	2790	<0.2	5
CP05-08	34862	117.7	119.0	1.30	2140	<0.2	<5
CP05-08	34863	129.6	131.3	1.70	141	<0.2	5
CP05-08	34864	131.3	132.5	1.20	92	<0.2	<5
CP05-08	34865	132.5	134.35	1.85	47	<0.2	<5
CP05-08	34866	134.35	136.35	2.00	88	<0.2	<5
CP05-08	34867	136.35	138.35	2.00	229	<0.2	<5
CP05-08	34868	143.5	144.0	0.50	206	<0.2	<5
CP05-08	34869	144.0	146.0	2.00	417	<0.2	<5
CP05-08	34870	Blank			63	<0.2	<5
CP05-08	34871	146.0	148.0	2.00	159	<0.2	<5
CP05-08	34872	148.0	149.0	1.00	117	<0.2	<5
CP05-08	34873	149.0	150.8	1.80	199	<0.2	5

CP05-08	34874	150.8	152.8	2.00	476	<0.2	<5
CP05-08	34875	152.8	154.5	1.70	635	<0.2	<5
CP05-08	34876	154.5	156.5	2.00	57	<0.2	<5
CP05-08	34877	156.5	158.5	2.00	248	<0.2	<5
CP05-08	34878	158.5	160.55	2.05	2080	<0.2	10
CP05-08	34879	160.55	161.05	0.50	904	4.2	<5
CP05-08	34880	Blank			28	<0.2	<5
CP05-08	34881	161.05	163.55	2.50	4610	0.3	5
CP05-08	34882	163.55	165.3	1.75	10300	1.8	10
CP05-08	34883	Blank			48	<0.2	<5
CP05-08	34884	165.3	167.3	2.00	2400	<0.2	<5
CP05-08	34885	167.3	169.3	2.00	669	<0.2	<5
CP05-08	34886	169.3	171.3	2.00	2210	<0.2	<5
CP05-08	34887	171.3	173.3	2.00	529	<0.2	<5
CP05-08	34888	173.3	175.3	2.00	1730	<0.2	<5
CP05-08	34889	175.3	176.55	1.25	4520	<0.2	<5
CP05-08	34890	Stand.	51P		7160	2	400
CP05-08	34891	176.55	178.55	2.00	281	<0.2	<5
CP05-08	34892	178.55	180.55	2.00	433	<0.2	20
CP05-08	34893	180.55	182.55	2.00	580	<0.2	<5
CP05-08	34894	182.55	184.55	2.00	381	<0.2	<5
CP05-08	34895	184.55	186.55	2.00	909	<0.2	<5
CP05-08	34896	186.55	187.65	1.10	549	<0.2	<5
CP05-08	34897	187.65	188.55	0.90	8360	9.8	<5
CP05-08	34898	188.55	191.0	2.45	2060	<0.2	45
CP05-08	34899	191.0	193.0	2.00	218	<0.2	<5
CP05-08	34900	193.0	195.0	2.00	658	<0.2	<5
CP05-08	34901	195.0	197.2	2.20	881	1.3	10

DDH CP05-09

Diamond drill hole CP05-09 is located on L5+00N at 21+50E on the Beaver Pond grid (671567mE; 5208937mN in UTM grid (NAD 27 Zone 16). Azimuth of the drill hole is 240° and inclination is -45° from the horizontal. Total depth of the drill hole is 200.0 metres. Across-section of the hole is illustrated in Figure 12.

This hole was drilled to test the south eastern extension of the mineralized zone intersected in hole CP05-05.

Hole CP05-09 starts with a series of fine grained, grey amygdaloidal flows with variable amounts of calcite, chlorite, epidote, zeolite and K-feldspar amygdules that extend from 0.7 to 15.3 metres. These flows are weakly altered. They are followed by a thick, coarse grained amygdaloidal flow intersected from 15.3 to 36.0 metres. This flow is moderately altered with pervasive epidote and finely disseminated specular hematite in the groundmass. The amygdules are predominantly filled with epidote and to a lesser extent with calcite, chlorite and K-feldspar.

From 36.0 to 39.05 metres the hole intersects a fine grained, grey amygdaloidal flow with calcite, zeolite and epidote amygdules and odd calcite veinlets oriented at 60 and 70 degrees to core axis. A one metre thick flow top breccia with finely disseminated chalcocite was intersected from 36.6 to 37.6 metres. Specks of chalcocite were observed also from 38.6 to 39.05 metres. From 39.05 to 88.55 metres the hole goes through coarse amygdaloidal flows with pervasive weak to moderate epidote alteration and patchy hematite alteration. Chlorite filled amygdules are more abundant then epidote or calcite amygdules. Odd calcite veinlets are oriented at 25 and 35 degrees to core axis.

From 88.55 to 105.5 metres a series of fine grained amygdaloidal flows are characterized by weak and patchy epidote and hematite alteration and weak to moderate fracturing. Some of the hairline fractures are filled by calcite veinlets with specks of chalcocite at 92.0 metres. The amygdules are mainly calcite and epidote and to a lesser extent zeolite filled. These fine grained flows are followed by a coarse amygdaloidal flow from 105.5 to 135.5 metres with pervasive and patchy epidote alteration and calcite, feldspar epidote and chlorite amygdules concentrated in the first five meters. From 121.8 to 123.0m this flow contains calcite veinlets with specks of chalcocite oriented at 60 degrees to core axis. The rest of the hole remains within a series of medium to coarse grained amygdaloidal flows with pervasive weak to moderate epidote alteration and patchy hematite alteration. Coarse disseminated specular hematite was observed in some of the flows. At 168.25 to 168.75 metres calcite and epidote veinlets with specks of chalcocite contain 1.56 % Cu and at 183.5 to 184.0 metres quart epidote and calcite veinlets with specks and veinlets of chalcocite contain up to 0.88 % Cu.

Table 11. Copper, silver and gold analyses for hole CP-05-09

Drill Hole	Sample	Depth		Length	Cu	Ag	Au
No.	No.	from	to	m	ppm	ppm	ppb
CP05-09	34902	4.7	6.0	1.30	604	-0.2	3
CP05-09	34903	6.0	7.2	1.20	370	-0.2	3
CP05-09	34904	7.2	8.4	1.20	129	-0.2	3
CP05-09	34905	8.4	10.6	2.20	275	-0.2	3

CP05-09	34906	18.1	20.1	2.00	255	-0.2	3
CP05-09	34907	20.1	22.1	2.00	190	-0.2	3
CP05-09	34908	22.1	24.1	2.00	261	-0.2	5
CP05-09	34909	36.0	38.1	2.10	417	-0.2	4
CP05-09	34910	38.1	39.05	0.95	8870	0.4	3
CP05-09	34911	39.05	41.0	1.95	223	-0.2	3
CP05-09	34912	Blank			34	-0.2	3
CP05-09	34913	69.0	71.0	2.00	98	-0.2	3
CP05-09	34914	71.0	73.0	2.00	114	-0.2	3
CP05-09	34915	73.0	75.0	2.00	132	-0.2	3
CP05-09	34916	75.0	77.0	2.00	93	-0.2	5
CP05-09	34917	77.0	79.0	2.00	96	-0.2	3
CP05-09	34918	90.0	91.0	1.00	243	-0.2	3
CP05-09	34919	91.0	92.0	1.00	442	-0.2	9
CP05-09	34920	92.0	93.1	1.10	209	-0.2	3
CP05-09	34921	93.1	94.2	1.10	180	-0.2	3
CP05-09	34922	94.2	96.0	1.80	255	-0.2	3
CP05-09	34923	96.0	97.3	1.30	147	-0.2	3
CP05-09	34924	97.3	98.65	1.35	83	-0.2	3
CP05-09	34925	98.65	100.0	1.35	46	-0.2	3
CP05-09	34926	100.0	101.1	1.10	44	-0.2	6
CP05-09	34927	101.1	101.55	0.45	62	-0.2	8
CP05-09	34928	101.55	103.0	1.45	29	-0.2	3
CP05-09	34929	103.0	104.4	1.40	24	-0.2	4
CP05-09	34930	Stand.	17Pb		83	0.6	2450
CP05-09	34931	104.4	105.5	1.10	28	-0.2	3
CP05-09	34932	119.8	121.8	2.00	1089	1.0	3
CP05-09	34933	121.8	123.0	1.20	7368	0.4	3
CP05-09	34934	123.0	125.0	2.00	113	-0.2	3
CP05-09	34935	135.5	136.5	1.00	124	-0.2	5
CP05-09	34936	136.5	137.5	1.00	665	-0.2	3
CP05-09	34937	137.5	138.5	1.00	2297	-0.2	5
CP05-09	34938	138.5	140.0	1.50	4486	0.3	3
CP05-09	34939	140.0	142.0	2.00	335	-0.2	4
CP05-09	34940	154.55	155.85	1.30	41	-0.2	3
CP05-09	34941	155.85	157.15	1.30	42	1.4	3
CP05-09	34942	167.0	168.25	1.25	481	-0.2	3
CP05-09	34943	168.25	168.75	0.50	15662	0.3	3
CP05-09	34944	168.75	170.0	1.25	332	-0.2	3
CP05-09	34945	170.0	171.5	1.50	148	-0.2	3
CP05-09	34946	171.5	173.0	1.50	533	-0.2	3
CP05-09	34947	181.5	183.5	2.00	313	-0.2	3
CP05-09	34948	183.5	184.0	0.50	8779	-0.2	3
CP05-09	34949	184.0	186.0	2.00	139	-0.2	3
CP05-09	34950	192.75	193.75	1.00	1632	0.2	3
CP05-09	34951	193.75	194.75	1.00	793	-0.2	3
CP05-09	34952	194.75	195.75	1.00	22	-0.2	3
CP05-09	34953	195.75	196.75	1.00	13	-0.2	3

CP05-09	34954	196.75	197.45	0.70	31	-0.2	3
CP05-09	34955	197.45	198.35	0.90	422	0.6	3
CP05-09	34956	198.35	200.00	1.65	49	-0.2	3

DDH CP05-10

Diamond drill hole CP05-10 is located on L3+00N at 21+50E on the Beaver Pond grid (671618mE; 5208777mN in UTM grid (NAD 27 Zone 16). Azimuth of the drill hole is 240° and inclination is -45° from the horizontal. Total depth of the drill hole is 218.0 metres. A cross-section of the hole is illustrated in Figure 13.

This hole was drilled to test a high chargeability anomaly (71mV/V) outlined by the IP survey in this area.

From 3.0 to 50.1 metres this hole goes through a series of fine to medium grained amygdaloidal flows with pervasive moderate epidote alteration and patches of strong epidote alteration from 20.0 to 26.0 metres. Pervasive s pecular hematite is finely disseminated in the groundmass. The amygdules are mainly epidote and chlorite filled and not very abundant. Contacts where observed are oriented at 20 degrees to core axis. The amygdaloidal flows continue from 50.1 to 78.9 metres. In this section the amygdules are more abundant and calcite dominated. Some calcite amygdules are partially replaced by chlorite and large amoeboid calcite and K-feldspar amygdules are concentrated from 50.1 to 56.4 metres. The flows become more magnetic towards the lower part of the section and the contact with the conglomerate below is sharp at 30 degrees to core axis.

From 78.9 to 117.3 this hole continues through a polymictic conglomerate with predominantly basaltic, gneissic and granitic clasts in a calcite rich matrix. From 108.8 to 117.3 metres the matrix becomes more hematite rich. The conglomerate is followed by a four metre thick coarse sandstone layer interbedded with mudstone with bedding oriented at 15 degrees to core axis parallel to the contact with the conglomerate. Minor specks of chalcocite were observed in a 10 cm quartz vein within the conglomerate at 91.85 metres.

From 121.1 to 156.4 metres the hole intersects a series of fine grained amygdaloidal flows with finely disseminated specular hematite in the groundmass and specks of native copper in calcite amygdules from 121.1 to130.1 metres and specks of chalcocite in fracture filling calcite veinlets at 152.0 metres. The amygdules are mainly calcite zeolite and quartz filled. A coarse grained amygdaloidal flow was intersected from 156.4 to 168.35 metres. It contains calcite, chloritre and hematite filled amygdules in a locally hematite altered groundmass with abundant disseminated specular hematite. From 168.35 to 191.65 metres Fine grained basaltic flows contain patches of hematite alteration and abundant calcite, zeolite and chlorite amygdules. Few calcite and hematite fracture filling veinlets with specks of chalcocite are intersected throughout this interval.

A mineralized vein breccia with blebs of bornite and chalcocite and clasts of amygdaloidal basalt in a quartz, calcite, epidote and silica rich matrix was intersected from 191.65 to 192.35 metres. The upper contact of the vein breccia is oriented at 30 degrees to core axis, while the lower contact intersects the core axis at 60 degrees.

From 192.35 to 194.9 metres the vein breccia is followed by a well fractured, fine grained, grey amygdaloidal flow with quartz, calcite veining at 70 degrees to core axis and calcite, quartz and K-feldspar rimed amygdules. The other mineralized vein breccia was intersected from 197.0 to 200.15 metres after the hole went through a barren calcite vein from 194.9 to 195.5 metres and a fine grained amygdaloidal flow from 195.5 to 197.0 metres. This mineralized vein breccia with specks of native silver and blebs of chalcocite in dense calcite, quartz and minor hematite and chert veins through altered amygdaloidal basalt clasts contains up 32.1 g/t silver. The vein intersects the core axis at 80 degrees. This hole was terminated at 218.0 metres depth in a fine grained well fractured amygdaloidal flow with abundant calcite and zeolite amygdules and calcite filled fractures at shallow angles to core axis.

Table 12. Copper, silver and gold analyses for hole CP-05-10.

Drill Hole	Sample	Depth		Length	Cu	Ag	Au
No.	No.	from	to	m	ppm	ppm	ppb
CP05-10	34957	18.1	20.1	2.00	73	-0.2	-5
CP05-10	34958	20.1	22.1	2.00	118	-0.2	-5
CP05-10	34959	22.1	24.1	2.00	139	-0.2	-5
CP05-10	34960	Stand.	51P		7344	2.1	430
CP05-10	34961	37.8	38.8	1.00	115	-0.2	-5
CP05-10	34962	50.1	51.7	1.60	107	-0.2	-5
CP05-10	34963	51.7	53.2	1.50	171	-0.2	-5
CP05-10	34964	53.2	54.8	1.60	164	-0.2	-5
CP05-10	34965	54.8	56.7	1.90	144	0.4	-5
CP05-10	34967	74.0	76.0	2.00	272	-0.2	-5
CP05-10	34968	76.0	77.2	1.20	595	-0.2	-5
CP05-10	34969	77.2	78.9	1.70	699	-0.2	-5

CP05-10	34970	78.9	80.9	2.00	111	-0.2	-5
CP05-10	34971	89.8	91.8	2.00	105	-0.2	-5
CP05-10	34972	91.8	92.0	0.20	1556	2.8	5
CP05-10	34973	92.0	94.0	2.00	96	-0.2	-5
CP05-10	34974	109.35	111.35	2.00	583	0.4	-5
CP05-10	34975	111.35	113.35	2.00	660	-0.2	-5
CP05-10	34976	113.35	115.35	2.00	223	0.2	5
CP05-10	34977	115.35	117.35	2.00	595	-0.2	-5
CP05-10	34978	117.35	119.1	1.75	25	-0.2	-5
CP05-10	34979	119.1	121.1	2.00	35	-0.2	15
CP05-10	34980	Blank			29	-0.2	-5
CP05-10	34981	121.1	122.1	1.00	58	-0.2	10
CP05-10	34982	122.1	123.1	1.00	224	-0.2	10
CP05-10	34983	123.1	124.1	1.00	107	-0.2	5
CP05-10	34984	124.1	125.1	1.00	386	-0.2	35
CP05-10	34985	125.1	126.1	1.00	223	-0.2	6
CP05-10	34986	126.1	127.1	1.00	166	-0.2	5
CP05-10	34987	127.1	128.1	1.00	397	-0.2	10
CP05-10	34988	128.1	130.1	2.00	250	-0.2	5
CP05-10	34989	130.1	132.1	2.00	186	-0.2	35
CP05-10	34990	132.1	134.1	2.00	42	-0.2	5
CP05-10	34991	134.1	136.1	2.00	162	-0.2	5
CP05-10	34992	136.1	137.9	1.80	238	-0.2	10
CP05-10	34993	137.9	139.9	2.00	450	-0.2	5
CP05-10	34994	139.9	141.9	2.00	194	-0.2	5
CP05-10	34995	141.9	142.9	1.00	270	-0.2	4
CP05-10	34996	142.9	144.9	2.00	315	-0.2	10
CP05-10	34997	144.9	146.1	1.20	245	-0.2	10
CP05-10	34998	146.1	148.1	2.00	364	-0.2	10
CP05-10	34999	148.1	150.1	2.00	175	-0.2	10
CP05-10	35000	Stand.	17Pb		84	0.5	2590
CP05-10	34476	150.1	152.0	1.90	50	-0.2	5
CP05-10	34477	152.0	152.7	0.7	3992	0.3	-5
CP05-10	34478	152.7	153.9	1.20	65	-0.2	-5
CP05-10	34479	153.9	154.4	0.50	139	-0.2	10
CP05-10	34480	154.4	156.4	2.00	289	0.2	4
CP05-10	34481	156.4	158.4	2.00	204	-0.2	4
CP05-10	34482	158.4	160.4	2.00	172	-0.2	-5
CP05-10	34483	160.4	162.4	2.00	58	-0.2	-5
CP05-10	33484	162.4	164.4	2.00	217	-0.2	5
CP05-10	34485	164.4	166.4	2.00	147	0.6	5
CP05-10	34486	166.4	168.35	1.95	299	-0.2	5
CP05-10	34487	168.35	169.3	0.95	1807	-0.2	5
CP05-10	34488	169.3	171.3	2.00	46	-0.2	-5
CP05-10	34489	171.3	173.3	2.00	35	-0.2	-5
CP05-10	34490	Blank			20	-0.2	-5
CP05-10	34491	173.3	175.3	2.00	212	-0.2	4
CP05-10	34492	175.3	177.3	2.00	276	-0.2	5

CP05-10	34493	177.3	179.3	2.00	250	-0.2	-5
CP05-10	34494	179.3	180.95	1.65	424	-0.2	-5
CP05-10	34495	180.95	182.95	2.00	205	-0.2	-5
CP05-10	34496	182.95	184.15	1.20	194	-0.2	-5
CP05-10	34497	184.15	186.15	2.00	126	-0.2	5
CP05-10	34498	186.15	188.15	2.00	48	-0.2	-5
CP05-10	34499	188.15	189.35	1.20	30	-0.2	5
CP05-10	34500	189.35	190.55	1.20	169	-0.2	-5
CP05-10	20201	190.55	192.0	1.45	1410	1.3	-5
CP05-10	20202	192.0	192.5	0.50	12000	9.9	15
CP05-10	20203	192.5	193.7	1.20	2029	0.6	-5
CP05-10	20204	193.7	194.9	1.20	1217	-0.2	-5
CP05-10	20205	194.9	195.5	0.60	25	-0.2	5
CP05-10	20206	195.5	197.0	1.50	338	0.3	5
CP05-10	20207	197.0	198.0	1.00	61	-0.2	-5
CP05-10	20208	198.0	199.0	1.00	54	-0.2	-5
CP05-10	20209	199.0	199.5	0.50	3919	32.1	10
CP05-10	20210	Blank			50	-0.2	-5
CP05-10	20211	199.5	200.15	0.65	228	1.6	5
CP05-10	20212	200.15	201.15	1.00	198	-0.2	10
CP05-10	20213	201.15	203.0	1.85	364	-0.2	10
CP05-10	20214	203.0	204.5	1.50	456	-0.2	10
CP05-10	20215	204.5	206.0	1.50	328	-0.2	10
CP05-10	20216	206.0	207.5	1.50	716	-0.2	25
CP05-10	20217	207.5	209.0	1.50	575	-0.2	5
CP05-10	20218	209.0	210.5	1.50	135	-0.2	-5
CP05-10	20219	210.5	212.0	1.50	296	-0.2	-5
CP05-10	20220	212.0	213.5	1.50	248	1.4	15
CP05-10	20221	213.5	215.0	1.50	78	-0.2	-5
CP05-10	20222	215.0	216.5	1.50	76	-0.2	96
CP05-10	20223	216.5	218.0	1.50	202	-0.2	5

DDH CP05-11

Diamond drill hole CP05-11 is located on L10+00N at 20+00E on the Beaver Pond grid (671121mE; 5209260mN in UTM grid (NAD 27 Zone 16). Azimuth of the drill hole is 240° and inclination is -45° from the horizontal. Total depth of the drill hole is 179.0 metres. A cross-section of the hole is illustrated in Figure 14.

The purpose this hole was to drill the up dip extension of the high grade vein breccia intersected in hole CP05-03 drilled in the spring of 2005.

The hole starts in coarse grain, plagioclase phyric amygdaloidal basalt from 0.65 to16.85 metres. This unit is well fractured with calcite, chlorite and iron oxide filled amygdules. Fractures are filled with quartz, calcite, laumonite and hematite veinlets and the groundmass contains finely disseminated specular hematite. A barren 25 cm thick vein breccia was intersected from 16.85 to17.1 metres. This vein breccia is composed of angular clasts of amygdaloidal basalt in a quartz, calcite and hematite rich matrix. The vein breccia intersects the core axis at 60 degrees. From 17.1 to 20.35 metres well veined fine grained amygdaloidal basalts contain abundant calcite and chlorite amygdules. A second barren vein breccia with sharp contacts at 20 degrees to core axis was intersected from 20.35 to 20.85 metres. From 20.85 to 23.45m metres the hole goes through a well fractured, medium grained, light brown amygdaloidal basalt with chlorite, calcite, epidote and quartz amygdules. The fractures are filled by cross-cutting veinlets of quartz, calcite and K-feldspar. Vuggy quartz veinlets are oriented at 40 degrees to core axis. A reddish-brown hematite and epidote altered flow banded felsic dyke was intersected from 23.45 to 28.55 metres. The flow banding is oriented at 70 degrees to core axis parallel to the lower contact while the upper contact is at a right angle with the core axis.

Two weakly altered, medium to coarse grained amygdaloidal flows were intersected from 28.55 to 43.9 metres. These flows are followed by a barren vein breccia from 43.9 to 44.3 metres. This vein breccia, composed of clasts of amygdaloidal basalts in a quartz, calcite and hematite rich matrix, intersects the core axis at 60 degrees.

From 44.3 to 170.0 metres the hole goes through a series of medium to coarse grained amygdaloidal flows with moderate to strong patchy epidote alteration and disseminated fine grained specular hematite in the groundmass. At 170.0 metres a 45 cm thick mafic dyke has intruded along the upper contact of a barren vein breccia oriented at 60 degrees to core axis. The vein breccia extends down to 172.85 metres with basaltic clasts ina hematite, silica and calcite rich matrix. From 171.85 to 171.85 the vein breccia is mixed with conglomerate. The polymictic conglomerate comes in at 172.85 meters down to 177.25 metres. It contains basalt, granite and gneissic clasts in a calcite and to a lesser extent hematite rich matrix. The lower contact of the conglomerate is sharp and oriented at 60 degrees to core axis. This hole was shut down at 179.0

metres into a fine grained, dark grey amygdaloidal flow with small calcite and chlorite amygdules.

Table 13. Copper, silver and gold analyses for hole CP-05-11.

Drill Hole	Sample	Depth		Length	Cu	Ag	Au
No.	No.	from	to	m	ppm	ppm	ppb
CP05-11	20224	4.00	6.00	2.00	149	<0.2	<5
CP05-11	20225	6.00	8.00	2.00	172	<0.2	<5
CP05-11	20226	8.00	10.00	2.00	138	<0.2	<5
CP05-11	20227	10.00	12.00	2.00	99	<0.2	6
CP05-11	20228	12.00	14.00	2.00	90	<0.2	5
CP05-11	20229	14.00	15.1	1.10	101	<0.2	<5
CP05-11	20230	Stand.	51P		7090	2.1	430
CP05-11	20231	15.1	16.6	1.50	188	<0.2	<5
CP05-11	20232	16.6	17.1	0.50	294	<0.2	15
CP05-11	20233	17.1	18.1	1.00	305	<0.2	<5
CP05-11	20234	18.1	19.1	1.00	90	<0.2	<5
CP05-11	20235	19.1	20.35	1.25	75	<0.2	<5
CP05-11	20236	20.35	20.85	0.50	536	<0.2	<5
CP05-11	20237	20.85	22.25	1.40	124	<0.2	<5
CP05-11	20238	22.25	23.45	1.20	176	<0.2	<5
CP05-11	20239	23.45	24.45	1.00	261	0.9	26
CP05-11	20240	24.45	25.45	1.00	77	1.2	1
CP05-11	20241	25.45	27.0	1.55	87	0.9	1
CP05-11	20242	27.0	28.05	1.05	71	1.1	1
CP05-11	20243	28.05	28.55	0.50	111	1.1	1
CP05-11	20244	28.55	30.35	1.80	138	<0.2	<5
CP05-11	20245	30.35	32.0	1.65	133	<0.2	<5
CP05-11	20246	32.0	33.5	1.50	81	<0.2	<5
CP05-11	20247	33.5	35.0	1.50	92	<0.2	<5
CP05-11	20248	35.0	36.5	1.50	80	<0.2	<5
CP05-11	20249	36.5	38.0	1.50	91	<0.2	<5
CP05-11	20250	Blank			29	<0.2	<5
CP05-11	20251	38.0	39.5	1.50	75	<0.2	<5
CP05-11	20252	39.5	41.0	1.50	79	<0.2	<5
CP05-11	20253	41.0	41.4	0.40	456	<0.2	<5
CP05-11	20254	41.4	42.9	1.50	112	<0.2	<5
CP05-11	20255	42.9	43.9	1.00	190	<0.2	<5
CP05-11	20256	43.9	44.4	0.50	108	0.8	<5
CP05-11	20257	44.4	45.4	1.00	418	<0.2	5
CP05-11	20258	Blank			14	<0.2	<5
CP05-11	20259	45.4	46.4	1.00	277	<0.2	5
CP05-11	20260	46.4	47.45	1.05	198	<0.2	<5
CP05-11	20261	47.45	48.45	1.00	100	<0.2	<5
CP05-11	20262	48.45	49.2	0.75	851	0.3	20
CP05-11	20263	49.2	50.2	1.00	519	<0.2	<5
CP05-11	20264	50.2	51.7	1.50	71	<0.2	<5
CP05-11	20265	51.7	53.2	1.50	39	<0.2	<5

CP05-11	20266	53.2	54.7	1.50	61	<0.2	<5
CP05-11	20267	54.7	56.2	1.50	78	<0.2	<5
CP05-11	20268	56.2	57.4	1.20	75	<0.2	<5
CP05-11	20269	57.4	59.4	2.00	56	<0.2	<5
CP05-11	20270	Stand.			72	0.6	2740
CP05-11	20271	59.4	61.4	2.00	33	<0.2	<5
CP05-11	20272	61.4	63.4	2.00	88	<0.2	5
CP05-11	20273	66.1	66.6	0.50	50	<0.2	5
CP05-11	20274	97.2	98.2	1.00	50	<0.2	<5
CP05-11	20275	103.0	104.5	1.50	66	<0.2	<5
CP05-11	20276	104.5	105.5	1.00	40	<0.2	<5
CP05-11	20277	149.0	151.0	2.00	47	<0.2	<5
CP05-11	20278	151.0	153.0	2.00	59	<0.2	<5
CP05-11	20279	168.2	169.1	0.90	234	<0.2	<5
CP05-11	20280	169.1	170.0	0.90	413	<0.2	<5
CP05-11	20281	170.0	170.45	0.45	1430	<0.2	10
CP05-11	20282	170.45	171.85	1.40	875	<0.2	15
CP05-11	20283	171.85	172.85	1.00	80	0.3	5
CP05-11	20284	172.85	173.85	1.00	172	<0.2	<5
CP05-11	20285	173.85	174.85	1.00	325	<0.2	<5
CP05-11	20286	174.85	176.0	1.15	1260	<0.2	<5
CP05-11	20287	176.0	177.25	1.25	1010	<0.2	<5
CP05-11	20288	177.25	179.0	1.75	1730	<0.2	<5

DDH CP05-12

Diamond drill hole CP05-12 is located on L 9+00N at 19+00E on the Beaver Pond grid (671045mE; 5209077mN in UTM grid (NAD 27 Zone 16). Azimuth of the drill hole is 240° and inclination is -45° from the horizontal. Total depth of the drill hole is 203.0 metres. A cross-section of the hole is illustrated in Figure 15.

This hole was drilled to test a coincident magnetic and chargeability anomaly as well as surface mineralization. This hole starts in a fine grain, grey, massive basalt with few chlorite, calcite and hematite amygdules. The flow is weakly magnetic, well fractured with calcite veinlets with specks of native copper. This flow extends down to 12.7 meters at the contact with the conglomerate. A polymictic conglomerate was intersected from 12.7 to 47.85 metres. The variable size clasts of mainly hematized basalt, granite and gneiss are hosted by a calcite rich matrix. A 5mm thick quartz vein with blebs of chalcocite was intersected at 24.5 metres, while at 47.65 metres a 1cm quartz, calcite veinlet contains blebs of bornite. The lower contact of the conglomerate is oriented at 50 degrees to core axis. From 47.85 to 48.9 metres the hole intersected a fine grain, greenish-grey amygdaloidal basalt with calcite and chlorite amygdules. At 48.2 meters this drillhole intersects a quartz, calcite veinlet with massive bornite oriented at 25 degrees to core axis. Calcite and quartz veinlets with blebs of chalcocite and bornite are also present in the lower portion of this flow. The lower contact of the flow is sharp at 30 degrees to core axis. This interval contains 1.52 % Cu and 11.5 g/t silver. From 48.9 to 51.15 metres another polymictic, clast supported conglomerate unit is intersected. Quartz and calcite veinlets, within the conglomerate, with blebs and specks of chalcocite and bornite are parallel to the contact, from 50.55 to 51.15 metres. This interval contains 1.55 % Cu and 10.1 g/t silver. The lower contact of the conglomerate is sharp at 35 degrees to core axis.

From 51.15 to 81.7 meters the hole goes through a medium to coarse grain, amygdaloidal basalt with calcite, feldspar and chlorite amygdules and patchy moderate epidote alteration. The blebs and specks of chalcocite and bornite associated with the calcite, quartz and hematite veins intersected within this flow at 52.1 metres and 61.2 metres contain 16.9g/t silver and 0.66% copper and 14.4 g/t silver and 1.29% copper respectively. A moderately magnetic, mafic dyke with tiny specks of chalcopyrite was intersected from 81.7 to 82.0 meters. The dyke is oriented at 85 degrees to core axis.

From 82.0 to 132.0 metres the hole intersects a coarse amygdaloidal flow with chlorite, calcite and epidote amygdules in a weakly epidote altered groundmass. Coarse specular hematite and reddish-brown patchy hematite alteration are also present together with odd calcite, epidote and k-feldspar veinlets. From 132.0 to 169.7 the hole goes through a series of weakly altered amygdaloidal flows with calcite, chlorite and zeolite filled amygdules and fracture filling calcite and hematite veinlets. From 169.7 to 170.75 meters a fine grained, green mafic dyke intersects the core axis at 60 degrees and. The upper contact of the dyke is injected by calcite veinlets with specks of chalcocite and bornite. The dyke is strongly magnetic. Tiny feldspar amygdules and bands of small calcite amygdules at located at the center of the dyke. The lower dyke contact is distorted with veinlets of chalcocite and specks of bornite over 15 cm. The dyke is followed by an amygdaloidal flow from 170.75 to 179.6 metres. This flow contains zoned amygdules with a quartz core and chlorite rim and chlorite core and calcite rim. A vein breccia with dense quartz, calcite and hematite veins as well as clasts of amygdaloidal basalts is intersected from 179.6 to 180.6 metres. It contains tiny specks of native silver and native copper from 180.1 to 180.6

metres. The vein breccia is followed by a fine grain, greyish-green amygdaloidal basalt, from 180.6 to 183.4 metres, with calcite and zeolite filled amygdules and hematite veinlets. The basalt is followed by a 50 cm wide zone of dense calcite veins and veinlets mixed with hematite and quartz veinlets. The amygdaloidal flows within 183.9 and 193.9 metres contain zoned calcite, zeolite amygdules and fine grained specular hematite in the groundmass. They are also well veined with calcite veins and veinlets oriented at various degrees to core axis. A calcite vein with specks of chalcocite is intersected from 193.9 to 194.45 metres. It intersects the core axis at 50 degrees. From 194.45 to 197.5 metres the hole goes through a well fractured section intruded by fine grain variably altered mafic dykes and vein breccias with specks and veinlets of chalcocite. The hole was stopped at 203.0 metres within a brownish–green amygdaloidal flow with calcite zeolite and chlorite amygdules. A few specks of chalcocite and bornite in calcite veinlets were observed at 199.8 metres.

Table 14. Copper, silver and gold analyses for hole CP-05-12.

Drill Hole	Sample	Depth		Length	Cu	Ag	Au
No.	No.	from	to	m	ppm	ppm	ppb
CP05-12	20289	3.0	5.0	2.00	223	<0.2	<5
CP05-12	20290	5.0	6.0	1.00	111	<0.2	<5
CP05-12	20291	6.0	7.0	1.00	106	<0.2	<5
CP05-12	20292	7.0	8.0	1.00	54	<0.2	6
CP05-12	20293	8.0	9.1	1.10	190	<0.2	5
CP05-12	20294	9.1	10.2	1.10	2700	1.5	<5
CP05-12	20295	10.2	11.0	0.80	415	0.3	<5
CP05-12	20296	11.0	11.7	0.70	1950	2.6	5
CP05-12	20297	11.7	12.7	1.00	480	0.3	<5
CP05-12	20298	12.7	14.7	2.00	117	<0.2	<5
CP05-12	20299	14.7	16.7	2.00	20	<0.2	<5
CP05-12	20300	16.7	18.7	2.00	4	<0.2	<5
CP05-12	20301	18.7	20.7	2.00	1	<0.2	<5
CP05-12	20302	20.7	22.7	2.00	3	<0.2	<5
CP05-12	20303	22.7	24.5	1.80	3	<0.2	<5
CP05-12	20304	24.5	25.0	0.50	283	<0.2	<5
CP05-12	20305	Stand.	51P		7130	2.1	380
CP05-12	20306	25.0	27.0	2.00	8	<0.2	<5
CP05-12	20307	27.0	29.0	2.00	6	<0.2	6
CP05-12	20308	29.0	31.0	2.00	3	<0.2	5
CP05-12	20309	31.0	33.0	2.00	3	<0.2	<5
CP05-12	20310	33.0	35.0	2.00	5	2.1	430
CP05-12	20311	35.0	37.0	2.00	7	<0.2	<5
CP05-12	20312	37.0	39.0	2.00	6	<0.2	15
CP05-12	20313	39.0	41.0	2.00	5	<0.2	<5
CP05-12	20314	41.0	43.0	2.00	5	<0.2	<5

CP05-12	20315	43.0	45.0	2.00	26	<0.2	<5
CP05-12	20316	45.0	46.5	1.50	4	<0.2	<5
CP05-12	20317	46.5	47.55	1.05	9	1	<5
CP05-12	20318	47.55	47.85	0.30	7850	18	15
CP05-12	20319	47.85	48.90	1.05	15200	11.5	15
CP05-12	20320	Blank			99	<0.2	<5
CP05-12	20321	48.9	50.55	1.65	182	0.9	<5
CP05-12	20322	50.55	51.15	0.60	15500	10.1	10
CP05-12	20323	51.15	52.35	1.20	6620	16.9	10
CP05-12	20324	52.35	54.35	2.00	964	0.2	<5
CP05-12	20325	61.2	61.5	0.30	12900	14.4	5
CP05-12	20326	69.8	70.35	0.55	562	<0.2	5
CP05-12	20327	81.7	82.0	0.30	3150	1.3	<5
CP05-12	20328	132.0	133.0	1.00	40	<0.2	<5
CP05-12	20329	133.0	135.0	2.00	45	<0.2	<5
CP05-12	20330	135.0	137.0	2.00	128	<0.2	5
CP05-12	20331	137.0	139.0	2.00	341	<0.2	<5
CP05-12	20332	139.0	141.0	2.00	32	<0.2	<5
CP05-12	20333	141.0	143.0	2.00	17	<0.2	<5
CP05-12	20334	143.0	144.2	1.20	35	<0.2	5
CP05-12	20335	144.2	146.2	2.00	105	<0.2	5
CP05-12	20336	146.2	147.45	1.25	104	<0.2	<5
CP05-12	20337	147.45	148.75	1.30	115	<0.2	<5
CP05-12	20338	148.75	150.1	1.35	11	<0.2	<5
CP05-12	20339	150.1	151.6	1.50	6	<0.2	<5
CP05-12	20340	151.6	153.4	1.80	7	<0.2	<5
CP05-12	20341	153.4	154.0	0.60	9	<0.2	<5
CP05-12	20342	154.0	155.0	1.00	1550	<0.2	<5
CP05-12	20343	155.0	156.0	1.00	14	<0.2	<5
CP05-12	20344	156.0	158.0	2.00	8	<0.2	<5
CP05-12	20345	Stand.	17Pb		76	0.7	2160
CP05-12	20346	158.0	160.0	2.00	7	<0.2	<5
CP05-12	20347	160.0	161.0	1.00	29	<0.2	<5
CP05-12	20348	161.0	163.0	2.00	62	<0.2	<5
CP05-12	20349	163.0	165.0	2.00	35	<0.2	<5
CP05-12	20350	165.0	166.75	1.75	31	<0.2	<5
CP05-12	20351	166.75	168.25	1.50	24	<0.2	10
CP05-12	20352	168.25	169.7	1.45	3860	4	<5
CP05-12	20353	169.7	170.75	1.05	5300	4.4	<5
CP05-12	20354	170.75	171.55	0.80	5740	5	<5
CP05-12	20355	171.55	173.55	2.00	233	<0.2	<5
CP05-12	20356	173.55	175.55	2.00	49	<0.2	<5
CP05-12	20357	175.55	177.55	2.00	25	<0.2	<5
CP05-12	20358	177.55	179.6	2.05	132	<0.2	5
CP05-12	20359	179.6	180.1	0.50	598	<0.2	5
CP05-12	20360	180.1	180.6	0.50	162	>100	5
CP05-12	20361	180.6	181.6	1.00	352	1	5
CP05-12	20362	181.6	182.6	1.00	106	0.2	5

CP05-12	20363	182.6	183.4	0.80	134	<0.2	5
CP05-12	20364	183.4	183.9	0.50	163	<0.2	<5
CP05-12	20365	Blank			13	<0.2	<5
CP05-12	20366	183.9	185.9	2.00	46	<0.2	<5
CP05-12	20367	185.9	187.6	1.70	65	<0.2	<5
CP05-12	20368	187.6	189.0	1.40	32	<0.2	<5
CP05-12	20369	189.0	190.0	1.00	234	0.4	<5
CP05-12	20370	190.0	191.35	1.35	15	<0.2	<5
CP05-12	20371	191.35	192.65	1.30	71	0.3	5
CP05-12	20372	192.65	193.9	1.25	57	0.2	<5
CP05-12	20373	193.9	194.45	0.55	1060	1.4	10
CP05-12	20374	194.45	195.3	0.85	6710	7.2	25
CP05-12	20375	195.3	196.4	1.10	1600	1.1	<5
CP05-12	20376	196.4	197.0	0.60	1230	<0.2	<5
CP05-12	20377	197.0	197.5	0.50	8920	4.5	130
CP05-12	20378	197.5	198.0	0.50	3050	1.8	<5
CP05-12	20379	198.0	198.5	0.50	4270	2.8	<5
CP05-12	20380	198.5	199.0	0.50	1020	0.5	<5
CP05-12	20381	199.0	199.8	0.80	412	<0.2	<5
CP05-12	20382	199.8	200.25	0.45	6920	2.4	5
CP05-12	20383	Blank			46	<0.2	<5
CP05-12	20384	200.25	201.25	1.00	320	<0.2	<5
CP05-12	20385	201.25	203.0	1.75	53	<0.2	<5
CP05-12	20385	201.25	203.0	1.75	53	<0.2	<5

DDH CP05-13

Diamond drill hole CP05-13 is located on L8+00N at 18+20E on the Beaver Pond grid (671129mE; 5208783mN in UTM grid (NAD 27 Zone 16). Azimuth of the drill hole is 60° and inclination is -45° from the horizontal. Total depth of the drill hole is 236.0 metres. A cross-section of the hole is illustrated in Figure 16.

This hole was drilled to test the chargeability anomaly along the contact with the conglomerate and the south-eastern extension of bornite mineralization intersected in hole CP05-12.

From 3.0 to 70.7 metres this hole goes through a series of amygdaloidal flows of variable grain size. The epidote and hematite alteration is weak to moderate and patchy. Amygdules are filled primarily with calcite and to a lesser extent with chlorite, zeolite and epidote. Some of the flows are weakly magnetic and locally well fractured. Most of the fractures are filled by calcite veinlets and rarely by hematite veinlets.

A polymictic conglomerate is intersected from 70.7 to 78.4 metres. This is a clast supported conglomerate with granite, gneiss and basaltic clasts in a calcite rich matrix that intersects the core axis at 50 degrees along its upper contact. A 20 cm barren vein breccia has intruded along the lower contact of the conglomerate. The vein breccia contains hematite clasts in a calcite and quartz rich matrix. From 78.6 to 85.1 metres the hole goes through fine grain, grey amygdaloidal flows with calcite, quartz and zeolite amygdules and fracture filling calcite veinlets oriented at 25 to 30 degrees to core axis.

From 85.1 to 97.25 metres a series of coarse amygdaloidal flows contain chlorite, hematite and zeolite filled amygdules with one or two specks of chalcocite. The coarse amygdaloidal flows are followed by fine to medium grained, grey amygdaloidal flows that extend from 97.25 to 121.5 meters. From 121.5 to 130.8 metres a yellowish-grey, coarse amygdaloidal flow contains epidote, chlorite and calcite amygdules as well as fracture filling calcite veinlets oriented at 30 to 45 degrees to core axis. From 130.8 to 209.65 the hole goes through a series of amygdaloidal flows of variable grain size. Amygdules are filled primarily by calcite, epidote and chlorite amygdules. Some of the flows have patchy and weak to moderate epidote and hematite alteration.

A moderately magnetic, fine grain, grey mafic dyke has intruded along the contact between the amygdaloidal flows above and the conglomerate below. The dyke extends from 209.65 to 210.8 metres. The lower contact of the dyke is sharp at 55 degrees to core axis. This 10 metre thick conglomerate has granite, gneiss and amygdaloidal basaltic clasts in a calcite rich matrix. The lower contact of the conglomerate has been intruded by a vein breccia from 220.55 to 221.2 metres. The vein breccia is barren with calcite, silica and hematite rich matrix. This hole was stopped at 236.0 metres in a fine grain, grey and strongly magnetic amygdaloidal basalt. Calcite amygdules are concentrated near the top part of this flow while chlorite and quartz amygdules are more abundant towards the bottom of the section.

Table 15. Copper, silver and gold analyses for hole CP-05-13.

Drill Hole	Sample	Depth		Length	Cu	Ag	Au
No.	No.	from	to	m	ppm	ppm	ppb
CP05-13	20386	36.85	38.85	2.00	83	<0.2	<5
CP05-13	20387	38.85	39.85	1.00	24	<0.2	<5
CP05-13	20388	39.85	40.85	1.00	22	<0.2	<5
CP05-13	20389	40.85	41.85	1.00	17	<0.2	40
CP05-13	20390	41.85	43.65	1.80	13	<0.2	5
CP05-13	20391	52.2	53.3	1.10	20	1.5	<5
CP05-13	20392	53.3	54.25	0.95	27	0.3	<5
CP05-13	20393	61.1	62.1	1.00	189	<0.2	6
CP05-13	20394	Stand.	51P		6410	2	440
CP05-13	20395	69.1	70.7	1.60	174	<0.2	<5
CP05-13	20396	70.7	72.7	2.00	3	<0.2	6
CP05-13	20397	76.7	78.4	1.70	5	<0.2	<5
CP05-13	20398	78.4	79.3	0.90	17	<0.2	<5
CP05-13	20399	79.3	80.3	1.00	65	<0.2	<5
CP05-13	20400	80.3	81.3	1.00	164	<0.2	<5
CP05-13	20401	81.3	82.3	1.00	431	<0.2	<5
CP05-13	20402	88.1	89.2	1.40	1460	0.3	<5
CP05-13	20403	97.25	98.0	0.75	383	<0.2	<5
CP05-13	20404	98.0	98.85	0.85	169	<0.2	6
CP05-13	20405	98.85	100.3	1.45	249	<0.2	5
CP05-13	20406	106.75	107.75	1.00	124	0.2	<5
CP05-13	20407	107.75	108.75	1.00	70	2.1	430
CP05-13	20408	108.75	110.75	2.00	74	<0.2	<5
CP05-13	20409	Blank			25	<0.2	15
CP05-13	20410	136.4	137.1	0.70	60	7.8	<5
CP05-13	20411	160.3	161.1	0.80	51	<0.2	<5
CP05-13	20412	161.1	162.6	1.50	43	<0.2	<5
CP05-13	20413	162.6	164.0	1.40	24	<0.2	<5
CP05-13	20414	167.85	168.85	1.00	85	<0.2	<5
CP05-13	20415	168.85	169.75	0.90	298	<0.2	10
CP05-13	20416	169.75	170.75	1.00	43	<0.2	<5
CP05-13	20417	188.0	188.8	0.80	2450	0.6	<5
CP05-13	20418	188.8	189.7	0.90	639	0.3	<5
CP05-13	20419	208.65	209.65	1.00	60	<0.2	<5
CP05-13	20420	209.65	210.8	1.15	668	<0.2	10
CP05-13	20421	210.8	212.8	2.00	43	<0.2	<5
CP05-13	20422	220.55	221.2	0.65	252	<0.2	<5

DDH CP05-14

Diamond drill hole CP05-14 is located on L6+00N at 19+80E on the Beaver Pond grid (671373mE; 5208706mN in UTM grid (NAD 27 Zone 16). Azimuth of the drill hole is 60° and inclination is -50° from the horizontal. Total depth of the drill hole is 167.0 metres. A cross-section of the hole is illustrated in Figure 17.

The purpose of this hole was to test the south-eastern extension of the mineralized zone intersected in hole CP05-05.

The hole starts in a fine grain, grey amygdaloidal basalt from 6.0 to 20.3 meters. This unit is well fractured and well veined with quartz and calcite veins and veinlets with specks and blebs of chalcocite and minor bornite. The orientation of the veins varies from sub-parallel to core axis to 60 and 70 degrees to core axis resulting in a network of calcite stringers. From 20.3 to 29.95 metres the holes goes through a clast-supported, polymictic conglomerate with granite, gneiss and basalt clasts in a hematite and calcite rich matrix. Quartz and calcite veinlets cut through the conglomerate at 60 and 70 degrees to core axis. The lower contact of the conglomerate is sharp at 50 degrees to core axis. The conglomerate is followed by a two-metre thick well veined fine grained, dark grey amygdaloidal basalt with calcite, chlorite and quartz amygdules. Fracture filling calcite and silica veinlets cut the core axis at 50 and 60 degrees.

From 31.95 to 32.85 metres the hole goes through a quartz-carbonate vein breccia oriented at 40 degrees to core axis. Core recovery is poor through this interval suggesting a possible fault from 32.15 to 32.85 metres. This vein breccia is followed by a series of amygdaloidal flows that extend from 32.85 to 47.4 metres. These flows are well fractured and well veined with vuggy quartz and calcite veinlets as well as quartz, calcite veins, veinlets and stringers at various degrees to core axis. Some of the veins are mineralized with specks and blebs of chalcocite and malachite stains. From 47.4 to 49.76 metres the hole intersected two unmineralized vein breccias that have intruded a medium grain brownish-grey hematite altered amygdaloidal flow with vuggy quartz and calcite amygdules. These vein breccias cut the core axis at 25 and 45 degrees.

From 49.6 to 53.15 metres the hole goes through a strongly altered and well veined amygdaloidal basalt with a series of quartz-carbonate veins and stringers with blebs of chalcocite and finely disseminated chalcocite and specular hematite in the groundmass. Vein orientation varies from 15 to 40 degrees to core axis.

At 53.15 meters the hole intersects a15 cm thick quartz, carbonate vein breccia with blebs of chalcocite. The vein is located at the contact between the altered amygdaloidal basalt described above and an extremely altered, 70 centimetres thick, beige coloured mafic dyke. The dyke contains stringers and blebs of chalcocite. The dyke is followed by a silicified and carbonate altered vein breccia with clasts of amygdaloidal basalt and no visible mineralization from 54.0 to 54.45 metres.

From 54.45 to 68.2 metres the hole goes through well fractured and well veined amygdaloidal flows with chlorite, calcite, epidote and K-feldspar filled amygdules and quartz-calcite stringers and veinlets oriented at 20 degrees to core axis. Blebs and veinlets of chalcocite associated with quartz-calcite veinlets were observed at 59.7 metres and 67.05 metres. The quartz-calcite vein breccia intersected from 68.2 to 69.0 metres is sub-parallel to core axis and contains finely disseminated chalcocite and blebs of chalcopyrite and bornite at 68.9 metres. The sulfide mineralization continues in the next amygdaloidal flow as small blebs of chalcopyrite and bornite in calcite and quartz stringers and veins oriented at 20 to 50 degrees to core axis. From 72.85 to 87.3 metres this hole intersected a well fractured and well veined, medium to coarse grained, light brown-grey amygdaloidal basalt with calcite, chlorite and sericite filled amygdules. The abundant quartz, calcite and epidote veinlets and stringers within this flow intersect the core axis at various angles from 10 to 85 degrees. Most of the veinlets contain specks and blebs of chalcocite. The following amygdaloidal flow, from 87.3 to 93.75 metres, is medium grained, light brownish-grey with calcite, K-feldspar, zeolite and epidote filled amygdules and rare, hairline fracture filling calcite veinlets. The vein breccia intersected at 93.75 metres is 15 cm wide and intersects the core axis at 35 degrees. It contains altered basaltic clasts in a quartz-calcite rich matrix with blebs of chalcocite. The amygdaloidal flows intersected from 93.9 to 99.3 metres are medium grained with calcite and chlorite amygdules and quartz-calcite stringers with specks of chalcocite from 93.9 to 94.7 metres. A quartz-carbonate vein breccia with abundant blebs of chalcocite oriented at 35 degrees to core axis was intersected at 99.3 metres. From 99.45 to 115.2 metres medium grained amygdaloidal flows with chlorite, calcite and zeolite amygdules contain fracture filling calcite veinlets with occasional chalcocite speck. An epidote altered coarse amygdaloidal flow with calcite and zeolite amygdules near the top and calcite, chlorite and epidote amygdules in the middle was intersected from 115.2 to 137.8 metres. This coarse flow is followed by a series of well fractured, fine grained amygdaloidal flows with specks of chalcocite in quartz, calcite and epidote veinlets at 138.65 metres and 140.9 metres. These veinlets are oriented at 15 to 35 degrees to core axis. A polymictic, clast supported conglomerate with granite, gneiss and basaltic clasts in a calcite rich matrix was intersected from 152.5 to 161.3 metres. Both contacts of the conglomerate are sharp and oriented at 30 degrees to core axis. This hole was stopped at 167.0 meters into a magnetic fine grain, grey amygdaloidal basalt with tiny chlorite amygdules. A quartz, calcite and epidote veinlet with specks of chalcocite oriented at 10 degrees to core axis was intersected at 163.9 metres.

Table 16. Copper, silver and gold analyses for hole CP-05-14.

Drill Hole	Sample	Depth		Length	Cu	Ag	Au
No.	No.	from	to	m	ppm	ppm	ppb
CP05-14	20423	7.1	7.8	0.70	123	0.2	5
CP05-14	20424	7.8	8.4	0.60	208	<0.2	<5
CP05-14	20425	8.4	9.2	0.80	1970	0.6	16
CP05-14	20426	9.2	10.2	1.00	3670	0.4	6
CP05-14	20427	10.2	11.25	1.05	163	<0.2	<5
CP05-14	20428	11.25	12.75	1.50	101	<0.2	5
CP05-14	20429	12.75	14.6	1.85	69	<0.2	<5
CP05-14	20430	14.6	15.5	0.90	122	0.3	<5
CP05-14	20431	15.5	16.6	1.10	219	0.5	<5
CP05-14	20432	16.6	17.4	0.80	248	6.1	<5
CP05-14	20433	17.4	18.6	1.20	98	<0.2	<5
CP05-14	20434	18.6	20.3	1.70	210	<0.2	<5
CP05-14	20435	20.3	21.8	1.50	17	<0.2	<5
CP05-14	20436	21.8	23.3	1.50	55	<0.2	<5
CP05-14	20437	Stand.	51P		7160	2.2	345
CP05-14	20438	23.3	24.8	1.50	73	<0.2	6
CP05-14	20439	24.8	26.3	1.50	62	<0.2	<5
CP05-14	20440	26.3	27.8	1.50	112	<0.2	<5
CP05-14	20441	27.8	28.8	1.00	131	0.4	<5
CP05-14	20442	28.8	29.95	1.15	57	<0.2	<5
CP05-14	20443	29.95	30.95	1.00	218	<0.2	<5
CP05-14	20444	30.95	31.95	1.00	624	<0.2	<5
CP05-14	20445	31.95	33.35	1.40	264	<0.2	<5
CP05-14	20446	33.35	34.0	0.65	114	1.3	<5
CP05-14	20447	34.0	35.0	1.00	179	<0.2	<5
CP05-14	20448	35.0	36.0	1.00	190	<0.2	6
CP05-14	20449	36.0	37.5	1.50	207	<0.2	5
CP05-14	20450	37.5	39.45	1.95	126	<0.2	<5
CP05-14	20451	39.45	40.2	0.75	272	<0.2	<5
CP05-14	20452	40.2	41.1	0.90	238	<0.2	<5
CP05-14	20453	41.1	42.15	1.05	137	<0.2	<5
CP05-14	20454	42.15	42.8	0.65	160	<0.2	<5

CP05-14	20455	42.8	43.9	1.10	344	<0.2	<5
CP05-14	20456	43.9	44.9	1.00	658	<0.2	<5
CP05-14	20457	44.9	45.9	1.00	214	<0.2	<5
CP05-14	20458	45.9	47.3	1.40	1360	1.2	<5
CP05-14	20459	47.3	47.9	0.60	366	0.6	21
CP05-14	20460	47.9	49.1	1.20	205	<0.2	<5
CP05-14	20461	49.1	49.6	0.50	131	<0.2	<5
CP05-14	20462	49.6	50.4	0.80	14600	13.8	25
CP05-14	20463	50.4	51.2	0.80	11000	10.4	<5
CP05-14	20464	51.2	52.0	0.80	16100	14.3	<5
CP05-14	20465	52.0	52.5	0.50	9950	8.5	<5
CP05-14	20466	52.5	53.15	0.65	22400	17.6	11
CP05-14	20467	53.15	54.0	0.85	13100	11.7	<5
CP05-14	20468	54.0	54.45	0.45	139	0.9	<5
CP05-14	20469	Blank			31	0.2	<5
CP05-14	20470	54.45	55.45	1.00	70	<0.2	<5
CP05-14	20471	55.45	56.45	1.00	34	<0.2	<5
CP05-14	20472	56.45	57.45	1.00	321	<0.2	5
CP05-14	20473	57.45	58.85	1.40	586	0.2	7
CP05-14	20474	58.85	59.7	0.85	137	0.4	<5
CP05-14	20475	59.7	60.4	0.70	4450	2.4	<5
CP05-14	20476	60.4	62.0	1.60	249	<0.2	<5
CP05-14	20477	62.0	63.5	1.50	121	<0.2	<5
CP05-14	20478	63.5	65.0	1.50	127	<0.2	6
CP05-14	20479	65.0	66.0	1.00	30	<0.2	<5
CP05-14	20480	66.0	67.05	1.05	59	<0.2	<5
CP05-14	20481	67.05	68.2	1.15	2980	1.8	<5
CP05-14	20482	68.2	69.0	0.80	33400	35	10
CP05-14	20483	Blank			94	0.3	<5
CP05-14	20484	69.0	70.0	1.00	550	1	<5
CP05-14	20485	70.0	71.0	1.00	5700	5.7	<5
CP05-14	20486	71.0	72.0	1.00	8050	8.5	<5
CP05-14	20487	72.0	72.85	0.85	2280	1.1	<5
CP05-14	20488	72.85	73.85	1.00	4050	3.7	<5
CP05-14	20489	73.85	74.85	1.00	4470	3.1	<5
CP05-14	20490	74.85	75.85	1.00	2650	3.9	<5
CP05-14	20491	75.85	76.85	1.00	983	0.6	<5
CP05-14	20492	76.85	77.85	1.00	7710	6.6	5
CP05-14	20493	77.85	78.5	0.65	19300	14.7	9
CP05-14	20494	78.5	79.15	0.65	12400	15.3	14
CP05-14	20495	79.15	79.6	0.45	31200	30.7	14
CP05-14	20496	79.6	80.4	0.80	13700	10	7
CP05-14	20497	80.4	80.9	0.50	14600	9.7	10
CP05-14	20498	80.9	81.7	0.80	1590	1	<5
CP05-14	20499	81.7	82.55	0.85	2700	1.8	<5
CP05-14	20500	82.55	83.05	0.50	15200	10.2	22
CP05-14	20501	83.05	83.6	0.55	15600	10.3	15
CP05-14	20502	83.6	84.1	0.50	5150	3.3	<5

CP05-14	20503	84.1	85.1	1.00	66	<0.2	<5
CP05-14	20504	85.1	86.1	1.00	43	<0.2	<5
CP05-14	20505	86.1	87.3	1.20	2490	1.2	<5
CP05-14	20506	87.3	89.3	2.00	1270	0.4	<5
CP05-14	20507	89.3	91.3	2.00	51	<0.2	<5
CP05-14	20508	91.3	92.5	1.20	63	<0.2	<5
CP05-14	20509	92.5	93.55	1.05	110	<0.2	<5
CP05-14	20510	93.55	94.05	0.50	5880	0.8	<5
CP05-14	20511	Blank			72	<0.2	<5
CP05-14	20512	94.05	94.55	0.50	12400	1.4	5
CP05-14	20513	94.55	96.0	1.45	2980	<0.2	<5
CP05-14	20514	96.0	97.3	1.30	85	<0.2	<5
CP05-14	20515	97.3	98.4	1.10	337	<0.2	<5
CP05-14	20516	98.4	99.25	0.85	457	0.7	<5
CP05-14	20517	99.25	99.85	0.60	12600	4.9	9
CP05-14	20518	99.85	101.35	1.50	85	0.8	<5
CP05-14	20519	101.35	102.55	1.20	295	1	<5
CP05-14	20520	102.55	103.25	0.70	133	1.8	<5
CP05-14	20521	103.25	103.85	0.60	462	0.3	<5
CP05-14	20522	103.85	105.9	2.05	62	<0.2	<5
CP05-14	20523	105.9	107.0	1.10	130	<0.2	<5
CP05-14	20524	107.0	108.6	1.60	850	0.4	<5
CP05-14	20525	108.6	109.0	0.40	1360	0.3	<5
CP05-14	20526	109.0	110.35	1.35	273	<0.2	<5
CP05-14	20527	110.35	112.35	2.00	47	<0.2	<5
CP05-14	20528	112.35	113.6	1.25	40	<0.2	6
CP05-14	20529	113.6	115.2	1.60	543	<0.2	5
CP05-14	20530	115.2	117.2	2.00	77	<0.2	<5
CP05-14	20531	117.2	119.0	1.80	669	7.4	<5
CP05-14	20532	137.8	138.8	1.00	12000	0.5	19
CP05-14	20533	138.8	140.4	1.60	1150	0.5	<5
CP05-14	20534	140.4	142.1	1.70	7690	0.8	<5
CP05-14	20535	142.1	143.3	1.20	169	0.3	<5
CP05-14	20536	143.3	144.9	1.60	213	0.4	<5
CP05-14	20537	152.5	154.5	2.00	154	0.7	<5
CP05-14	20538	154.5	156.5	2.00	70	<0.2	<5
CP05-14	20539	156.5	158.5	2.00	142	<0.2	<5
CP05-14	20540	158.5	160.0	1.50	64	0.5	<5
CP05-14	20541	160.0	161.3	1.30	2810	2.5	<5
CP05-14	20542	161.3	163.3	2.00	1600	0.2	7
CP05-14	20543	163.3	164.3	1.00	2290	0.5	<5

DDH CP05-15

Diamond drill hole CP05-15 is located on L11+00N at 17+60E on the Beaver Pond grid (670878mE; 5209020mN in UTM grid (NAD 27 Zone 16). Azimuth of the drill hole is 240° and inclination is -45° from the horizontal. Total depth of the drill hole is 140.0 metres. A cross-section of the hole is illustrated in Figure 18.

This hole was drilled to test a coincident high chargeability, MMI and magnetic anomaly as well as surface copper mineralization near the old Coppercreek shaft.

This hole intersected a shallow mineralized zone containing 1.4% Cu and 2.4 g/t Ag over 3.65 metres from 24.2 to 28.05 metre depth. This intersection is composed of strongly altered amygdaloidal basalt intruded by mafic dykes at 24.55 and 27.1 meters and a vein breccia at 26.3 metres. A 2cm wide semi-massive chalcocite vein was intersected at 24.55 meters along the upper contact of the mafic dyke and specks of chalcocite and specular hematite were observed along the lower contact of the vein breccia at 26.55 metres. This mineralized zone intersects the core axis at 70 degrees and is located within a medium grain, light brown-grey amygdaloidal flow with calcite, zeolite and epidote amygdules and a few quartz, calcite and epidote veinlets oriented at 50 degrees to core axis. The amygdaloidal flow extends down to 74.6 metres. Form 74.6 to 108.3 metres this hole intersected a fine grain, brownish amygdaloidal basalt with calcite, epidote and zeolite filled amygdules and patches of strong epidote alteration along calcite knots formed by the joining of large amygdules. A 15 centimetre wide unmineralized calcite and K-feldspar vein breccia intersects the core axis at 30 degrees at 108.3 metre depth. A weakly magnetic amygdaloidal flow was intersected from 108.55 to 112.85 metres. It contains chlorite amygdules and calcite veinlets parallel to core axis. A fine grain, grey, moderately magnetic mafic dyke oriented at 65 degrees to core axis was intersected from 112.85 to 114.5 metres. It contains narrow bands of tiny calcite amygdules and specks of chalcopyrite and bornite in a calcite veinlet at 113.0 metres.

The hole was stopped at 140.0 metres in a weakly magnetic, fine grain, grey amygdaloidal flow with chlorite amygdules and odd calcite veinlets at 80 degrees to core axis.

Table 17. Copper, silver and gold analyses for hole CP-05-15.

Drill Hole No.	Sample No.	Depth from	to	Length m	Cu ppm	Ag ppm	Au ppb
CP-05-15	20544	23	24.2	1.2	425	0.9	< 5
CP-05-15	20545	24.2	24.7	0.5	37300	5.0	24
CP-05-15	20546	BLANK			210	< 0.2	< 5
CP-05-15	20547	24.7	26.3	1.6	17800	3.6	10
CP-05-15	20548	26.3	26.55	0.25	2850	1.1	< 5
CP-05-15	20549	26.55	27.1	0.55	248	0.5	< 5
CP-05-15	20550	27.1	28.05	0.95	6330	0.5	< 5
CP-05-15	20551	28.05	29.45	1.4	677	0.3	< 5
CP-05-15	20552	74.6	76.6	2	171	0.6	< 5
CP-05-15	20553	76.6	77.6	1	212	0.5	< 5
CP-05-15	20554	77.6	79.5	1.9	124	0.4	< 5
CP-05-15	20555	79.5	80.2	0.7	902	0.4	7
CP-05-15	20556	108.3	108.6	0.3	26	0.8	< 5
CP-05-15	20557	108.6	110.8	2.2	288	0.4	< 5
CP-05-15	20558	110.8	112.85	2.05	373	0.4	< 5
CP-05-15	20559	112.85	113.25	0.4	1740	1.6	< 5
CP-05-15	20560	113.25	114.5	1.25	5550	5.2	< 5
CP-05-15	20561	114.5	116	1.5	370	0.5	< 5

DDH CP05-16

Diamond drill hole CP05-16 is located at 670467mE; 5211031min UTM grid (NAD 27 Zone 16). Azimuth of the drill hole is 240° and inclination is -45° from the horizontal. Total depth of the drill hole is 71.0 metres. A cross-section of the hole is illustrated in Figure 19. This hole was drilled to test the down dip purpose extension of the high grade surface mineralization exposed by trenching. This hole started in a fine grain, green, amygdaloidal basalt, from 7.4 to 16.8 metres, with calcite epidote and zeolite filled amygdules and fine grained specular hematite disseminated through core length. From 16.8 to 17.0 metres a 20 cm vein breccia with small basaltic clasts in a light brown hematite and silica rich matrix intersects the core axis at 50 degrees. From 17.0 to 26.3 metres a medium grained, greenish amygdaloidal flow with calcite, zeolite and a few epidote filled amygdules contains specks of bornite at 21.4 metres and quartz, calcite veining from 22.9-23.3metres.A fine grained, green altered amygdaloidal flow was intersected from 26.3 to 28.35 metres. It contains specks of chalcopyrite at 26.3 metres, a one centimetre thick semi-massive chalcopyrite vein at 26.65 metres and specks and veinlets of chalcopyrite and bornite up to 27.2 metres. From 28.35 to 34.55 metres the hole goes through a vein breccia composed of clasts of extremely altered greenish basalt and sub-rouded to rounded clasts of an altered conglomerate in a silica and carbonate rich matrix with bands of hematite. This vein breccia contains specks and blebs of chalcocite mixed with specular hematite from 28.35 to 29.0metres. The lower contact of the veinbrecia intersects the core axis at 70 degrees. A fine grain, green and altered amygdaloidal basalt with tiny zeolite filled amygdules was intersected from 34.55 to 38.0 metres. From 38.0 to 38.4 metres the hole goes through a calcite vein with clasts of amygdaloidal basalt in a hematite rich matrix oriented at 50 degrees to core axis.

From 38.4 to 61.6 metres a five metre thick strongly altered amygdaloidal flow with quartz, calcite and zeolite filled amygdules in a greenish-brown matrix with calcite knots and patches of epidote is followed by a fine grain, grey, amygdaloidal basalt with calcite, chlorite and centimetre size quartz amygdules. From 61.6 to 62.55 metres this hole intersected a vuggy silica vein breccia mixed with a reddish rusty looking basalt with dense calcite veins at 60 degrees to core axis. This vein breccia is followed by a fine grain, light brown, well fractured and veined amygdaloidal flow with quartz, calcite and epidote amygdules. From 65.45 to 65.75 metres this hole intersected a reddish-brown felsic dyke with mm size quartz phenos and irregular contacts. The dyke has intruded a medium grained, amygdaloidal basalt with small calcite and chlorite filled amygdules. From 66.4 to67.15 metres a reddish-brown, flow banded felsic dyke intersects the core axis at 70 degrees. This hole was stopped at 71.0 metres into a brownish, medium to coarse grain amygdaloidal flow with chlorite and calcite amygdules.

Table 18. Copper, silver and gold analyses for hole CP-05-16.

Drill Hole	Sample	Depth		Length	Cu	Ag	Au
No.	No.	from	to	m	ppm	ppm	ppb
CP-05-16	20562	15.5	16.5	1	69	0.3	< 5
CP-05-16	20563	16.5	17	0.5	183	0.4	< 5
CP-05-16	20564	17	18	1	149	< 0.2	< 5
CP-05-16	20565	18	20	2	394	< 0.2	< 5
CP-05-16	20566	20	21	1	63	< 0.2	< 5
CP-05-16	20567	21	22	1	32	< 0.2	< 5
CP-05-16	20568	22	22.9	0.9	499	< 0.2	16
CP-05-16	20569	22.9	23.4	0.5	728	0.6	< 5
CP-05-16	20570	23.4	24.9	1.5	633	0.6	8
CP-05-16	20571	24.9	26.3	1.4	102	< 0.2	6
CP-05-16	20572	26.3	27.3	1	8830	1.0	18
CP-05-16	20573	27.3	28.35	1.05	920	0.4	9
CP-05-16	20574	28.35	29	0.65	21100	12.8	162

CP-05-16	20575	BLANK			211	0.3	15
CP-05-16	20576	29	30	1	555	1.0	119
CP-05-16	20577	30	31	1	459	0.9	33
CP-05-16	20578	31	32	1	300	0.9	186
CP-05-16	20579	32	33	1	153	0.6	350
CP-05-16	20580	33	33.85	0.85	240	0.7	8
CP-05-16	20581	33.85	34.55	0.7	222	0.5	6
CP-05-16	20582	34.55	35.55	1	1620	0.2	12
CP-05-16	20583	35.55	36.55	1	110	0.2	< 5
CP-05-16	20584	36.55	38	1.45	54	< 0.2	22
CP-05-16	20585	38	38.5	0.5	442	0.3	< 5
CP-05-16	20586	38.5	39.5	1	1730	0.3	< 5
CP-05-16	20587	39.5	40.5	1	348	0.3	< 5
CP-05-16	20588	40.5	41.5	1	75	0.3	< 5
CP-05-16	20589	41.5	42.5	1	79	0.3	< 5
CP-05-16	20591	43.4	44.4	1	50	0.2	< 5
CP-05-16	20592	Stand.	51 P		7690	2.2	423
CP-05-16	20593	57.6	58.5	0.9	969	0.5	< 5
CP-05-16	20594	58.5	60	1.5	192	< 0.2	< 5
CP-05-16	20595	60	61.6	1.6	169	< 0.2	< 5
CP-05-16	20596	61.6	62.55	0.95	1200	0.4	6
CP-05-16	20597	62.55	63.55	1	119	< 0.2	10
CP-05-16	20598	63.55	65.45	1.9	84	< 0.2	< 5
CP-05-16	20599	65.45	65.75	0.3	91	< 0.2	< 5
CP-05-16	20600	65.75	66.4	0.65	199	< 0.2	6
CP-05-16	20601	66.4	67.15	0.75	22	< 0.2	< 5
CP-05-16	20602	67.15	67.8	0.65	2910	0.9	< 5
CP-05-16	20603	67.8	68.8	1	160	< 0.2	< 5

DDH CP05-17

Diamond drill hole CP05-17 was drilled from the same setup as hole CP05-16 at an inclination of -90° from the horizontal. Total depth of the drill hole is 80.0 metres. A cross-section of the hole is illustrated in Figure 19.

The purpose of this hole was to explore the down dip extension of the vein breccia intersected in hole CP05-16.

This hole started into a coarse amygdaloidal flow with calcite, epidote and zeolite amygdules in a light brown coloured matrix. This flow extends down to 18.6 metres. From18.6 to 25.4 metres the hole goes through a fine grained, greenish-grey amygdaloidal basalt with calcite, quartz and zeolite filled amygdules and the odd quartz and calcite veinlet oriented at 40 degrees to core axis. Specks of chalcocite and specular hematite were observed in some calcite filled amygdules. A ten centimetre thick vein breccia with carbonate, hematite and k-feldspar in the matrix at 40 degrees to core axis was intersected at 25.4 meters. The breccia is followed by a greenish-grey, medium grained amygdaloidal flow with calcite, chlorite and zeolite filled amygdules and coarse specular hematite in the matrix. This flow continues down to 32.1 metres and at 30.6 metres contains specks of chalcocite and malachite staining in a centimetre thick quartz carbonate veinlet at 50 degrees to core axis. From 32.1 to 32.95 the hole goes through a vein breccia with hematite clasts in a carbonate, silica matrix oriented at 30 degrees to core axis with veinlets of specular hematite and specks of chalcocite. From 32.95 to 35.6 metres the hole intersects a green amygdaloidal basalt with calcite, zeolite and epidote filled amygdules and dense carbonate and specular hematite veins at 50 degrees to core axis from 34.8 to 35.3 metres. From 35.6 to 36.45 metres the hole goes through a vein breccia with silica and specular hematite. Within this vein breccia a 15 cm vein of massive to semi-massive specular hematite with blebs of chalcocite intersects the core axis at 50 degrees. A fine grained, brownish-green amygdaloidal flow with finely disseminated specular hematite follows from 36.45 to 39.65 metres. Another vein breccia composed of vuggy calcite and carbonate veins mixed with altered, fine grained, greenish basalt was intersected from 39.65 to 42.1 metres and is followed by a 3.2 metre thick vein breccia with basalt and hematite clasts in a carbonate and silica rich matrix. From 45.3 to 48.4 metres the hole intersects a strongly altered and well veined amygdaloidal basalt with calcite, chlorite and zeolite filled amygdules and calcite and specular hematite veinlets parallel to core axis. From 48.4 to 54.85 metres the hole goes through a well fractured and veined, fine grained, amygdaloidal flow with fracture filling epidote veinlets and cross-cutting calcite veins at various degrees to core axis.

From 54.85 to 61.2 metres the hole intersects fine grained, greenish grey amygdaloidal flows with epidote and quartz filled amygdules and calcite and epidote veins and veinlets. Specular hematite is finely disseminated in an epidote altered groundmass. Narrow vein breccias intersect these flows at 35 degrees to core axis. This hole was stopped at 80.0 metres into a clast supported, polymictic conglomerate with granite, basalt and gneissic clasts in an epidote rich matrix.

Table 19. Copper, silver and gold analyses for hole CP-05-17.

Drill Hole No.	Sample No.	Depth from	Depth to	Length m	Cu ppm	Ag ppm	Au ppb
CP-05-17	20604	5.1	6.1	1	218	0.3	< 5
CP-05-17	20605	6.1	7.5	1.4	114	0.2	9
CP-05-17	20606	18.6	20	1.4	63	< 0.2	< 5
CP-05-17	20607	20	21.5	1.5	43	< 0.2	< 5
CP-05-17	20608	21.5	23	1.5	20	< 0.2	< 5
CP-05-17	20609	23	24	1	33	< 0.2	< 5
CP-05-17	20610	24	24.5	0.5	39	< 0.2	< 5
CP-05-17	20611	24.5	25.4	0.9	52	< 0.2	< 5
CP-05-17	20612	25.4	26	0.6	153	0.4	< 5
CP-05-17	20613	26	27.5	1.5	18	< 0.2	< 5
CP-05-17	20614	27.5	28.55	1.05	324	< 0.2	< 5
CP-05-17	20615	28.55	30.05	1.5	183	< 0.2	< 5
CP-05-17	20616	30.05	31	0.95	47	< 0.2	< 5
CP-05-17	20617	31	32.1	1.1	92	< 0.2	< 5
CP-05-17	20618	Stand.	51 P		7390	2.1	438
CP-05-17	20619	32.1	32.95	0.85	1670	1.2	54
CP-05-17	20620	32.95	34.6	1.65	122	0.3	< 5
CP-05-17	20621	34.6	35.6	1	738	2.0	6
CP-05-17	20622	35.6	35.85	0.25	11500	4.0	36
CP-05-17	20623	BLANK			35	< 0.2	< 5
CP-05-17	20624	35.85	36.45	0.6	803	2.8	32
CP-05-17	20625	36.45	37.45	1	652	0.9	< 5
CP-05-17	20626	37.45	38.45	1	1050	1.3	< 5
CP-05-17	20627	38.45	39.65	1.2	933	1.4	< 5
CP-05-17	20628	39.65	40.65	1	848	3.7	158
CP-05-17	20629	40.65	41.2	0.55	960	2.8	< 5
CP-05-17	20630	41.2	42.1	0.9	570	1.5	< 5
CP-05-17	20631	42.1	43.1	1	254	0.3	< 5
CP-05-17	20632	43.1	44	0.9	284	0.2	21
CP-05-17	20633	44	45.3	1.3	272	0.3	< 5
CP-05-17	20634	45.3	46.3	1	169	0.5	< 5
CP-05-17	20635	46.3	47.3	1	225	0.4	< 5
CP-05-17	20636	47.3	48.4	1.1	297	0.6	62
CP-05-17	20637	48.4	50	1.6	62	0.2	< 5
CP-05-17	20638	50	51.5	1.5	80	0.3	< 5
CP-05-17	20639	51.5	53	1.5	125	0.3	< 5
CP-05-17	20640	53	54.85	1.85	207	0.3	< 5
CP-05-17	20641	54.85	55.85	1	83	0.3	< 5
CP-05-17	20642	55.85	56.85	1	129	0.3	< 5
CP-05-17	20643	56.85	57.75	0.9	106	< 0.2	< 5
CP-05-17	20644	57.75	58.65	0.9	612	0.4	< 5
CP-05-17	20645	58.65	59.15	0.5	504	0.4	< 5
CP-05-17	20646	BLANK			27	< 0.2	< 5
CP-05-17	20647	59.15	60.2	1.05	178	0.4	6
CP-05-17	20648	60.2	61.4	1.2	209	0.4	6

CP-05-17	20649	61.4	63	1.6	11	< 0.2	< 5
CP-05-17	20650	63	64.5	1.5	4	< 0.2	23
CP-05-17	20651	64.5	66	1.5	6	< 0.2	< 5
CP-05-17	20652	66	68	2	6	< 0.2	< 5

DDH CP05-18

Diamond drill hole CP05-18 is located on L10+00N at 17+60E on the Beaver Pond grid (670962mE; 5208942mN in UTM grid (NAD 27 Zone 16). Azimuth of the drill hole is 240° and inclination is -45° from the horizontal. Total depth of the drill hole is 143.0 metres. A cross-section of the hole is illustrated in Figure 20.

This hole was drilled to test the south-eastern extension of the shallow copper mineralization intersected in hole CP05-15 near the Coppercreek shaft.

This hole starts with dense calcite veining plus hematite, calcite and K-feldspar in the matrix from 6.9 to 8.3 metres. It follows with a series of amygdaloidal flow from 9.1 to 52.0 metres. The flows are medium grained, well veined and weakly altered. Calcite veins and veinlets are oriented at 35 and 60 degrees to core axis. The amygdules are filled primeraly with calcite, chlorite and zeolite. Specular hematite is finely disseminated in the groundmass. From 52.0 to 97.2 metres the hole goes through medium to coarse grained amygdaloidal flows with chlorite and calcite amygdules. Rare specks of chalcocite and pyrite were observed in calcite veinlets at 60.8, 70.3 and 83.45 metres. A 20 centimetre vein breccia with basaltic clasts in a carbonate, zeolite rich matrix plus specular hematite was intersected at 74.4 meters. A very fine grained, grey and magnetic mafic dyke with tiny calcite amygdules was intersected from 97.2 to 97.6 metres. It intersects the core axis at 75 degrees. From 97.6 to 98.15 meters the hole goes through a medium grained, brown, amygdaloidal flow with calcite amygdules and dense calcite veinlets with specks of chalcopyrite. A 25 cm vein breccia with tiny veinlets of chalcopyrite and silicified basaltic clasts intrudes at the lower contact of this flow. That contact intersects the core axis at 85 degrees. A second very fine grained, grey and magnetic mafic dyke with tiny calcite amygdules and fracture filling veinlets with specks of chalcopyrite and bornite was intersected from 98.15 to 99.45 metres. The lower contact of this dyke intersects the core axis at 85 degrees. From 99.45 to 101.9 metres the hole goes through a brown, fine grained amygdaloidal flow with zoned calcite and chlorite amygdules and a few large (up to 3cm across) quartz amygdules. A brecciated basalt with dense calcite and laumonite veinlets oriented at 45 degrees to core axis was intersected from 101.9 to 102.5 metres. It is followed by an unaltered, dark brown, fine grained amygdaloidal flow with abundant calcite amygdules from 102.5 to 108.2 metres.

From 108.2 to 110.5 metres the hole intersects a vein breccia with calcite, quartz and silicified cherty clasts in a carbonate and calcite rich matrix and specks of chalcopyrite, bornite and chalcocite. The vein breccia intersects the core axis at 45 degrees.

The vein breccia is followed by fresh, fine grained, grey, magnetic basaltic flows with a few large and zoned quartz-calcite amygdules and moderate calcite veining oriented at 45 and 70 degrees to core axis. The drillhole was stopped at 143.0 metres into polymictic conglomerate with granite, gneiss and basaltic clasts in a locally calcite rich matrix. The upper contact of the conglomerate is oriented at 15 degrees to core axis.

Table 20. Copper, silver and gold analyses for hole CP-05-18.

Drill Hole	Sample	Depth		Length	Cu	Ag	Au
No.	No.	from	to	m	ppm	ppm	ppb
CP-05-18	19601	8.3	9.1	0.8	551	3.3	3360
CP-05-18	19602	9.1	11	1.9	6	0.8	655
CP-05-18	19603	11	13	2	< 5	< 0.2	17
CP-05-18	19604	59.6	60.6	1	< 5	< 0.2	31
CP-05-18	19605	60.6	61.1	0.5	< 5	0.4	232
CP-05-18	19606	61.1	62.1	1	< 5	< 0.2	82
CP-05-18	19607	68.9	69.9	1	< 5	< 0.2	18
CP-05-18	19608	69.9	70.4	0.5	< 5	< 0.2	68
CP-05-18	19609	70.4	71	0.6	6	< 0.2	69
CP-05-18	19610	Stand.	43P		73	0.5	417
CP-05-18	19611	74	74.7	0.7	< 5	< 0.2	59
CP-05-18	19612	83	84.2	1.2	< 5	< 0.2	187
CP-05-18	19613	94	94.3	0.3	6	< 0.2	177
CP-05-18	19614	94.3	95.8	1.5	< 5	< 0.2	138
CP-05-18	19615	95.8	97.2	1.4	< 5	< 0.2	341
CP-05-18	19616	97.2	97.6	0.4	9	7.8	2800
CP-05-18	19617	97.6	98.15	0.55	30	3.1	3780
CP-05-18	19618	98.15	99.45	1.3	11	9.3	4580
CP-05-18	19619	99.45	100.45	1	< 5	0.9	286
CP-05-18	19620	100.45	101.9	1.45	< 5	< 0.2	41
CP-05-18	19621	101.9	102.5	0.6	< 5	< 0.2	6
CP-05-18	19622	102.5	104	1.5	< 5	< 0.2	55
CP-05-18	19623	104	105.5	1.5	< 5	0.3	93
CP-05-18	19624	105.5	107	1.5	< 5	1.4	532
CP-05-18	19625	107	108.2	1.2	< 5	8.5	722
CP-05-18	19626	108.2	110.5	2.3	34	7.9	9360
CP-05-18	19627	110.5	111.8	1.4	< 5	7.8	9920

CP-05-18	19628	Blank			< 5	0.6	507
CP-05-18	19629	111.9	113.4	1.5	< 5	< 0.2	63

DDH CP05-19

Diamond drill hole CP05-19 is located on L5+50N at 19+80E on the Beaver Pond grid (671395mE; 5208661mN in UTM grid (NAD 27 Zone 16). Azimuth of the drill hole is 60° and inclination is -50° from the horizontal. Total depth of the drill hole is 179.0 metres. A cross-section of the hole is illustrated in Figure 21.

This hole was drilled to test the south-eastern extension of the mineralized zone intersected in holes CP05-05 and CP05-14. It starts in well veined and well fractured, fine to medium grained, grey amygdaloidal flows with abundant calcite amygdules and a network of calcite, laumonite and talc fracture filling veins and veinlets at shallow angles to core axis. From 30.5 to 38.5 metres the hole goes through a polymictic conglomerate with gneiss, granite and basaltic clasts in a locally calcite rich matrix. The upper contact of the conglomerate cuts the core axis at 15 degrees while the lower contact is faulted. From 38.5 to 49.0 metres the hole intersects a medium grained, grey amygdaloidal flow with abundant small chlorite amygdules and a few large calcite amygdules. Odd calcite veinlets oriented at various angles to core axis contain specks of chalcocite. An extremely altered and well fractured beige coloured mafic dyke with iron oxide staining was intersected from 49.0 to 52.2 meters. The dyke is followed by a vein breccia from 52.2 to 57.7 metres. This vein breccia is composed of silicified basalt clasts in hematite and silica rich matrix with specks and small blebs of chalcocite through core length. From 57.7 to 147.5 metres the hole goes through a series of coarse amygdaloidal flows with variable density of calcite veins and veinlets with specks of chalcocite. The veins are oriented at 45 to 60 degrees to core axis. Epidote alteration intensifies towards the lower part of this intersection. From 147.5 to 167.2 metres the hole intersects a series of fine to medium grained amygdaloidal flows with calcite and chlorite filled amygdules and the odd speck of chalcocite in calcite veinlets. A polymictic conglomerate with granite, gneiss and minor basaltic clasts in a locally calcite rich matrix comes in at 167.2 metres. The conglomerate intersects the core axis at an 85 degree angle. From 176.05 to 179.0 the hole goes through a fine grained, brown and magnetic amygdaloidal flow with abundant calcite amygdules at the top followed by chlorite, calcite and agate filled amygdules further down.

Table 21. Copper, silver and gold analyses for hole CP-05-19.

Drill Hole No.	Sample No.	Depth from	to	Length m	Cu ppm	Ag ppm	Au ppb
CP-05-19	19630	8.5	10.5	2	528	0.9	< 5
CP-05-19	19631	10.5	11.8	1.3	343	< 0.2	< 5
CP-05-19	19632	15.5	17	1.5	414	< 0.2	< 5
CP-05-19	19633	17	18.5	1.5	301	< 0.2	< 5
CP-05-19	19634	18.5	20	1.5	150	< 0.2	< 5
CP-05-19	19635	20	21.5	1.5	460	0.9	< 5
CP-05-19	19636	21.5	23	1.5	295	< 0.2	< 5
CP-05-19	19637	23	24.5	1.5	127	< 0.2	< 5
CP-05-19	19638	24.5	26	1.5	123	< 0.2	< 5
CP-05-19	19639	26	27.5	1.5	7890	2.2	< 5
CP-05-19	19640	Stand.	51P		103	< 0.2	423
CP-05-19	19641	27.5	29	1.5	88	< 0.2	< 5
CP-05-19	19642	29	30.8	1.8	144	< 0.2	< 5
CP-05-19	19643	45.5	47	1.5	19600	27.5	7
CP-05-19	19644	47	48.1	1.1	181	< 0.2	< 5
CP-05-19	19645	48.1	49	0.9	6460	10.2	< 5
CP-05-19	19646	49	50.5	1.5	4700	7.0	9
CP-05-19	19647	50.5	52.2	1.7	223	0.7	< 5
CP-05-19	19648	52.2	53.7	1.5	86	2.8	< 5
CP-05-19	19649	53.7	55.7	2	440	1.1	< 5
CP-05-19	19650	55.7	57.7	2	22000	26.6	5
CP-05-19	19651	Blank			103	< 0.2	< 5
CP-05-19	19652	57.7	59.7	2	5680	6.1	< 5
CP-05-19	19653	59.7	61.7	2	11100	11.6	< 5
CP-05-19	19654	61.7	63.7	2	294	< 0.2	< 5
CP-05-19	19655	71	72	1	126	< 0.2	< 5
CP-05-19	19656	72	73.3	1.3	8390	1.2	< 5
CP-05-19	19657	73.3	75.3	2	3920	0.5	< 5
CP-05-19	19658	75.3	77.3	2	107	< 0.2	< 5
CP-05-19	19659	77.3	78.5	1.2	1540	< 0.2	< 5
CP-05-19	19660	78.5	80	1.5	21400	3.3	5
CP-05-19	19661	Blank			153	< 0.2	< 5
CP-05-19	19662	80	81.5	1.5	3080	0.2	< 5
CP-05-19	19663	81.5	82.5	1	22600	3.0	7
CP-05-19	19664	82.5	84	1.5	425	< 0.2	< 5
CP-05-19	19665	102.4	103.8	1.4	1320	< 0.2	< 5
CP-05-19	19666	103.8	104.5	0.7	27400	1.1	11
CP-05-19	19667	104.5	106	1.5	248	< 0.2	< 5
CP-05-19	19668	153	153.8	0.8	2910	0.9	< 5

DDH CP05-20

Diamond drill hole CP05-20 is located on L6+50N at 19+40E on the Beaver Pond grid (671305mE; 5208724mN in UTM grid (NAD 27 Zone 16). Azimuth of the drill hole is 60° and inclination is -50° from the horizontal. Total depth of the drill hole is 182.0 metres. A cross-section of the hole is illustrated in Figure 22. The purpose of this hole was to test the south-western extension of the mineralized zone intersected in hole CP05-05.

This hole starts in a polymictic conglomerate with granite and basalt clasts in a calcite rich matrix that extends from 12.35 to 20.0 metres. From 20.0 to 26.2 metres the conglomerate is followed by a dark grey-brown, medium grained amygdaloidal basalt with calcite, chlorite and zeolite filled amygdules and abundant specular hematite in the matrix. From 25.8-26.2 metres the hole intersects a 3cm quartz-calcite vein with semi-massive chalcocite oriented at 5 degrees to core axis. From 26.2 to 32.8 metres the hole goes through a vein breccia with brown hematite clasts in quartz, carbonate and vuggy silica matrix. Massive to semi-massive chalcocite veins sub-parallel to core axis were intersected at 30.3 to 31.1 metres within. This section is characterized by poor core recovery resulting in lost and/or broken core. From 32.8 to 44.9 metres the hole intersects a well veined amygdaloidal basalt with dense calcite and laumonite veins and veinlets with blebs of chalcocite and a more than 4 centimetres wide massive chalcocite vein at 34.0m, sub-parallel to core axis. From 44.9 to 60.3 metres this hole goes through well veined, fine grained brownish-grey amygdaloidal flows with calcite and chlorite filled amygdules. Calcite, quartz and zeolite veinltes with specks of pyrite fill dense fractures from 49.0 to 50 metres. A medium to coarse grained amygdaloidal flow with brecciated upper contact was intersected from 60.3 to 70.3 metres. This flow contains chalcocite veinlets with blebs of chalcocite at 63.9 metres and has been intruded by a vein breccia with specks of chalcocite in a calcite matrix from 67.0 to 68.1metres. The vein breccia intersects the core axis at a 40 degree angle. The next flow down to 78.8 metres is grey, medium grained amygdaloidal basalt with calcite and chlorite filled amygdules. From 78.8 to 80.0 metres the hole goes through a vein breccia oriented at 65 degrees to core axis with brown hematite clasts in a carbonate-silica rich matrix with specks and veinlets of chalcocite. From 80.0 to 88.95 a medium grained, greenish-grey amygdaloidal flow with specular hematite in the groundmass and fracture filling calcite and quartz veinlets is at right angle with core axis. At 85.9 metres the hole intersects silica veinlets at 10 degrees to core axis with specks of chalcocite.

From 88.95 to 92.6 metres the hole goes through a fine grained, brownish-grey mafic dyke with specks of chalcocite in calcite veinlets. The dyke has been intruded by a vein breccia with blebs and specks of chalcocite oriented at 45 degrees to core axis. The dyke itself cuts the core axis at a

10 degree angle at the upper contact and at 45 degrees along the lower contact. From 92.6 to 120.8 metres the hole goes through medium grained amygdaloidal flows with calcite, chlorite and zeolite amygdules. Calcite and zeolite veins with specks of chalcocite and oriented at 20 degrees to core axis were intersected from 106.0 to 110 metres. From 120.8 to 143.6 metres weakly altered medium to coarse grained amygdaloidal flows contain abundant calcite and tiny chlorite amygdules. A 30 centimetre vein breccia with basaltic clasts in calcite and K-feldspar rich matrix intersects the core axis at 127.8 metres at a 25 degree angle.

From 143.6 to 163.9 metres the hole goes through a series of fresh and fine grained, grey amygdaloidal flows with calcite and chlorite amygdules and calcite filled fractures. A polymictic conglomerate with sharp upper contact at 70 degrees to core axis and basalt, granite and gneiss clasts in a calcite rich matrix is intersected from 163.9 to 171.55 metres. The lower contact of the conglomerate cuts the core axis at 45 degrees and has been intruded by a 20 cm vein breccia with specks of chalcocite in a silica and carbonate rich matrix. This hole was stopped at 182.0 metres into fine grained, grey and magnetic amygdaloidal basalt with tiny calcite and chlorite amygdules.

Table 22. Copper, silver and gold analyses for hole CP-05-20.

Drill Hole	Sample	Depth		Length	Cu	Ag	Au
No.	No.	from	to	m	ppm	ppm	ppb
CP-05-20	19669	23	24.3	1.3	221	< 0.2	< 5
CP-05-20	19670	24.3	25.8	1.5	176	0.4	< 5
CP-05-20	19671	25.8	26.2	0.4	37700	24.0	325
CP-05-20	19672	Blank			107	< 0.2	< 5
CP-05-20	19673	26.2	27.7	1.5	1830	0.9	13
CP-05-20	19674	27.7	29.5	1.8	1330	0.7	< 5
CP-05-20	19675	29.5	30.5	1	3840	1.6	11
CP-05-20	19676	30.5	31.1	0.6	125000	48.2	74
CP-05-20	19677	Blank			89	< 0.2	< 5
CP-05-20	19678	31.1	32.8	1.7	3560	2.8	14
CP-05-20	19679	32.8	33.9	1.1	6900	5.8	15
CP-05-20	19680	33.9	34.5	0.6	44000	15.6	15
CP-05-20	19681	Blank			45	< 0.2	< 5
CP-05-20	19682	34.5	36.5	2	9290	2.8	< 5
CP-05-20	19683	36.5	38.5	2	295	< 0.2	< 5
CP-05-20	19684	38.5	40	1.5	276	< 0.2	< 5
CP-05-20	19685	40	41.5	1.5	240	< 0.2	< 5
CP-05-20	19686	41.5	43	1.5	396	< 0.2	< 5
CP-05-20	19687	43	44.9	1.5	907	0.4	18
CP-05-20	19688	44.9	46.9	2	648	< 0.2	< 5
CP-05-20	19689	46.9	48.8	1.9	981	< 0.2	7
CP-05-20	19690	48.8	50.1	1.3	727	0.2	6

CP-05-20	19691	50.1	52.1	2	1020	< 0.2	5
CP-05-20	19692	52.1	54.1	2	400	< 0.2	< 5
CP-05-20	19693	54.1	56	1.9	343	< 0.2	< 5
CP-05-20	19694	56	58.1	2.1	318	< 0.2	< 5
CP-05-20	19695	58.1	60.3	2.2	1520	0.3	< 5
CP-05-20	19696	60.3	61.8	1.5	3370	2.4	6
CP-05-20	19697	61.8	63.3	1.5	979	0.4	13
CP-05-20	19698	63.3	64.3	1	7690	2.5	6
CP-05-20	19699	64.3	66.3	2	134	< 0.2	< 5
CP-05-20	19700	Stand.	43P		449	0.2	64
CP-05-20	19701	66.3	68.3	2	179	< 0.2	< 5
CP-05-20	19702	68.3	70.3	2	464	< 0.2	< 5
CP-05-20	19703	70.3	71	0.7	2540	1.3	< 5
CP-05-20	19704	71	73	2	416	< 0.2	< 5
CP-05-20	19705	73	75	2	69	< 0.2	< 5
CP-05-20	19706	75	77	2	151	< 0.2	7
CP-05-20	19707	77	78.8	1.8	249	< 0.2	< 5
CP-05-20	19708	78.8	80	1.2	5950	5.0	5
CP-05-20	19709	80	82	2	2000	1.6	< 5
CP-05-20	19710	82	84	2	61	< 0.2	< 5
CP-05-20	19711	84	86	2	265	< 0.2	< 5
CP-05-20	19712	86	87.5	1.5	40	< 0.2	< 5
CP-05-20	19713	87.5	88.95	1.45	202	< 0.2	< 5
CP-05-20	19714	88.95	89.7	0.75	9930	10.1	8
CP-05-20	19715	89.7	91.2	1.5	9770	13.1	< 5
CP-05-20	19716	91.2	92.6	1.4	3170	3.0	< 5
CP-05-20	19717	Blank			65	< 0.2	< 5
CP-05-20	19718	92.6	94.6	2	6410	6.8	< 5
CP-05-20	19719	94.6	96.6	2	70	< 0.2	< 5
CP-05-20	19720	96.6	98.55	1.95	3580	4.0	< 5
CP-05-20	19721	98.55	100.45	1.9	1210	0.6	< 5
CP-05-20	19722	100.45	102.45	2	15	< 0.2	< 5
CP-05-20	19723	102.45	104.45	2	29	< 0.2	< 5
CP-05-20	19724	104.45	106.3	1.85	27	< 0.2	6
CP-05-20	19725	106.3	108.3	2	240	< 0.2	< 5
CP-05-20	19726	108.3	110.05	1.75	2140	1.1	< 5
CP-05-20	19727	110.05	111.25	1.2	4320	1.7	< 5
CP-05-20	19728	111.25	111.65	0.4	1850	< 0.2	< 5
CP-05-20	19729	111.65	113.2	1.55	53	< 0.2	< 5
CP-05-20	19730	113.2	114.7	1.5	20	< 0.2	< 5
CP-05-20	19731	114.7	116.2	1.5	18	< 0.2	< 5
CP-05-20	19732	116.2	118.5	2.3	160	< 0.2	< 5
CP-05-20	19733	118.5	10.8	2.3	642	0.8	< 5
CP-05-20	19734	120.8	122.8	2	1640	0.4	< 5
CP-05-20	19735	122.8	124.8	2	125	< 0.2	< 5
CP-05-20	19736	124.8	126.3	1.5	61	< 0.2	< 5
CP-05-20	19737	Stand.	51P		7650	2.2	419
CP-05-20	19738	126.3	127.7	1.4	145	< 0.2	< 5
CP-05-20	19739	127.7	128.1	0.4	139	5.6	< 5
CP-05-20	19740	128.1	130.1	2	154	< 0.2	< 5

CP-05-20	19741	130.1	132.1	2	411	< 0.2	< 5
CP-05-20	19742	132.1	134.1	2	234	< 0.2	< 5
CP-05-20	19743	134.1	135.1	1	3740	< 0.2	< 5
CP-05-20	19744	135.1	136.7	1.6	180	< 0.2	< 5
CP-05-20	19745	170.65	171.55	0.9	945	1.5	< 5
CP-05-20	19746	171.55	172	0.45	4300	2.8	< 5
CP-05-20	19747				1370	0.5	< 5

DDH CP05-21

Diamond drill hole CP05-21 is located on L17+90N at 13+60E on the Silver Creek grid (670198mE; 5209436mN in UTM grid (NAD 27 Zone 16). Azimuth of the drill hole is 240° and inclination is -50° from the horizontal. Total depth of the drill hole is 197.0 metres. A cross-section of the hole is illustrated in Figure 23.

This hole was drilled to test a chargeability anomaly and surface mineralization at depth.

The hole started in brownish-grey, medium to coarse grained amygdaloidal basalt from 15.7 to 41.7 meters. A 2cm quartz-calcite veinlet with specks of bornite and chalcopyrite was intersected at the top of the hole. From 41.7 to 83.25 metres the hole goes through medium to coarse grained brownish-grey amygdaloidal flows with calcite, chlorite and rare tiny epidote amygdules. These flows have been intruded by narrow unmineralized vein breccias at 41.9, 59.8, 60.3, and 81.1metres. These vein breccias cut the core axis at 35, 80 and 45 degrees. A well fractured and altered, fine grained, grey and strongly magnetic mafic dyke has intruded along the contact between the amygdaloidal flows above and the conglomerate. The upper contact of the dyke is oriented at 40 degrees to core axis. This hole was stopped at 197.0 metres into a polymictic conglomerate with basalt, gneiss and granite clasts in calcite rich matrix. Sandstone beds were intersected within the conglomerate at 167.0 meters with bedding oriented at 15 degrees to core axis.

Table 23. Copper, silver and gold analyses for hole CP-05-21.

Drill Hole	Sample	Depth		Length	Cu	Ag	Au
No.	No.	from	to	m	ppm	ppm	ppb
CP-05-21	19765	15.7	17	1.3	1270	0.3	32
CP-05-21	19766	17	18	1	35	< 0.2	< 5
CP-05-21	19767	18	20	2	1620	0.6	< 5
CP-05-21	19768	20	22	2	429	0.3	< 5
CP-05-21	19769	22	23.5	1.5	159	< 0.2	< 5
CP-05-21	19770	23.5	25	1.5	74	< 0.2	< 5
CP-05-21	19771	25	26.6	1.6	69	< 0.2	< 5

CP-05-21	19772	26.6	27.1	0.5	296	< 0.2	< 5
CP-05-21	19773	27.1	29.1	2	96	< 0.2	< 5
CP-05-21	19774	29.1	30.3	1.2	195	< 0.2	< 5
CP-05-21	19775	Blank			14	< 0.2	< 5
CP-05-21	19776	30.3	32	1.7	53	< 0.2	< 5
CP-05-21	19777	41.5	42	0.5	240	0.3	61
CP-05-21	19778	59.8	60.4	0.6	122	0.2	< 5
CP-05-21	19779	80	81.1	1.1	824	0.8	22
CP-05-21	19780	Stand.	43P		447	0.2	72
CP-05-21	19781	81.1	81.6	0.5	375	1.1	9
CP-05-21	19782	81.6	83.3	1.7	177	< 0.2	< 5
CP-05-21	19783	83.3	84.5	1.2	754	0.4	< 5
CP-05-21	19784	84.5	86	1.5	138	< 0.2	< 5
CP-05-21	19785	86	88	2	18	0.8	< 5
CP-05-21	19786	88	89.8	1.8	167	< 0.2	< 5

DDH CP05-22

Diamond drill hole CP05-22 is located at 670101mE and 5212081mN in UTM grid (NAD 27 Zone 16). Azimuth of the drill hole is 240° and inclination is -60° from the horizontal. Total depth of the drill hole is 50.0 metres. A cross-section of the hole is illustrated in Figure 24.

The purpose of this hole was to test the depth extension of the vein breccia exposed by trenching at the L vein.

The hole starts in a well fractured, medium grained, greenish-grey basalt with tiny carbonate filled amygdules, coarse specular hematite in the groundmass and carbonate and zeolite veinlets at 45 degrees to core axis. From 12.6 to14.2 metres this hole intersects a vein breccia with basalt and hematite clasts in a carbonate and silica rich matrix and massive calcite veins with contacts at 45 degrees to core axis. From 14.2 to 32.0 metres the hole goes through a brown, coarse amygdaloidal flow with calcite, chlorite and zeolite filled amygdules and coarse oxidized specular hematite in a weakly hematized matrix. A 2-5 millimetre thick fracture filling massive chalcocite and epidote veinlet at 45 degrees to core axis was intersected at 31.7 metres. This hole was stopped at 50 metres into a light brown-grey, fresh amygdaloidal flow with abundant calcite and chlorite amygdules and few calcite veinlets.

Table 24. Copper, silver and gold analyses for hole CP-05-22.

Drill Hole No.	Sample No.	Depth from	to	Length m	Cu ppm	Ag ppm	Au ppb
CP-05-22	19748	6	8	2	49	< 0.2	< 5
CP-05-22	19749	8	9.5	1.5	71	< 0.2	< 5
CP-05-22	19750	9.5	11	1.5	216	0.5	< 5
CP-05-22	19751	11	12.6	1.6	519	2.2	232
CP-05-22	19752	12.6	14.2	1.6	382	0.2	< 5
CP-05-22	19753	14.2	16.2	2	558	< 0.2	< 5
CP-05-22	19754	30	31.5	0.5	194	< 0.2	< 5
CP-05-22	19755	31.5	32	1.5	9390	0.7	< 5
CP-05-22	19756	32	33.5	1.5	842	< 0.2	< 5

DDH CP05-23

Diamond drill hole CP05-23 was drilled from the same set up as hole CP05-22 to test the up-dip extension of the vein breccia intersected in hole CP05-22.. The azimuth of the drill hole is 240° and inclination is -45° from the horizontal. Total depth of the drill hole is 50.0 metres. A cross-section of the hole is illustrated in Figure 24. The hole started in medium grain, greyish amygdaloidal basalt with cm size quartz, agate amygdules and disseminated specular hematite in the groundmass. From 13.9 to 15.7 metres the hole intersected a vein breccia with brecciated fine grained brown basalt in a calcite, carbonate and vuggy silica matrix. From 15.7 to 16.6 metres this hole goes through a well veined, fine grained, brownish-grey massive basalt with calcite veinlets at 90 and 45 degrees to core axis. This is followed by a very fine grained, grey and magnetic mafic dyke with fracture filling calcite veinlets. This hole was stopped at 50.0 metres into a coarse, brownish-grey, amygdaloidal flow with calcite and zeolite amygdules and disseminated coarse specular hematite.

Table 25. Copper, silver and gold analyses for hole CP-05-23.

Drill Hole No.	Sample No.	Depth from	to	Length m	Cu ppm	Ag ppm	Au ppb
CP-05-23	19757	8.6	10	1.4	99	< 0.2	< 5
CP-05-23	19758	10	12	2	129	< 0.2	< 5
CP-05-23	19759	12	13.9	1.9	346	0.6	20
CP-05-23	19760	13.9	14.7	0.8	120	0.4	< 5
CP-05-23	19761	14.7	15.7	1	347	0.2	< 5
CP-05-23	19762	15.7	16.6	0.9	410	< 0.2	< 5
CP-05-23	19763	16.6	18.6	2	169	< 0.2	< 5
CP-05-23	19764	18.6	20.6	2	376	< 0.2	< 5

11. Sampling Method and Approach

Nine hundred and twenty one samples (921) from the drill core were collected and cut by the writers and include 38 quality control samples (14 standards and 24 blanks) added during the packing of the samples. All samples were marked for cutting and sample numbers were attached to the sample interval. The core was then cut in two by a wet diamond saw, fitted together and placed back in the core box with the corresponding sample number for that interval. Samples that shattered when cut were fitted back together as best as possible and returned to the core box for sampling. The samples were collected from the core boxes after several boxes had been cut, and bagged with the corresponding sample number for that interval. The core sampled for assay was removed from one contiguous side only, with the remainder of the core left in the core box for future reference. All samples were put in individual sample bags with the corresponding sample number for each sample interval, and securely closed with ties.

Following completion of sampling, each core box was fitted with a lid and secured with 5cm wood screws. The drill core is stored at the property.

12. Sample Preparation, Analyses and Security

Samples were packed into rice bags and shipped via Grayhound Express from Sault Ste Marie to Activation Laboratories, 1336 Sandhill Drive, Ancaster, Ontario, Canada, L9G 4V5, for analysis. Activation Laboratories is an analytical laboratory that is accredited to international quality standards (ISO Guide 25 accreditation). All samples were analyzed for Copper by inductively coupled plasma-optical emission spectroscopy (ICP-OES) following a four acid digestion (HF, $HClO_4$, HNO_3, and HCl) and for Gold and Silver by instrumental neutron activation analysis. Samples containing more than 1% Cu were re-assayed by atomic absorption (AA). Those containing more than 1,000 ppb Au were re-assayed by fire assay followed by gravimetric analysis.

The writers verify that all drill core samples for assay were marked during core logging, collected packed and shipped by Mr. Ardian Peshkepia. The values given here are as reported by Activation Laboratories, and assay certificates are included in Appendix .....

It is in the authors' opinion that the sampling of the core was undertaken in a manner consistent with industry practice, and that the samples collected were representative of the intervals sampled. Every effort was made to keep contamination to a minimum during sampling. The samples were properly bagged and packed and securely stored prior to shipping and were shipped directly to the laboratory.

Nikos follows a quality control procedure to monitor the precision and reproducibility of the analytical results. In addition to reviewing the results of analysis of laboratory standards and duplicates, Nikos introduces its own standards and blanks/duplicates into the sample stream at regular intervals (typically every twenty samples).

Three different standards, manufactured by Ore Research and Exploration Pty Ltd of Australia and obtained from Analytical Solutions Ltd. of Toronto, were used in this drill program. OREAS 51P is a copper-gold reference material with certified values of 430ppb Au and 0.728% Cu. It is prepared from the porphyry copper gold ore from Northparkes Mine in New South Wales, Australia. OREAS 17Pb is a gold ore reference material with a recommended value of 2.56ppm Au. It is prepared from a blend of barren alkali olivine basalt and gold-bearing ore from the Stawell gold mine in Victoria, Australia. OREAS 43P

Duplicate samples/blanks were collected from an outcrop of quartz porphyritic felsic intrusive rock distal to mineralization on the Coppercorp property.

The accuracy and relative precision for all elements (see TableNr..in the Appendix) were calculated based on the duplicates and standards provided by Activation Laboratories as well as the standards introduced by Nikos.

The average relative precision for Cu analysed by ICP-OES method is 95.05%. The relative precision was calculated based on a series of duplicate samples provided by Activation Laboratories. The accuracy for the Copper analyses stands at 94.3% for the laboratory standards and 98.32% for Nikos standards. The calculated average relative precision for Au analysed by INNA method is 95.87% based on split pulp samples provided by the laboratory. The average accuracy for Gold is 98.17 % based on the standards introduced by the laboratory and 99.1% for the standards introduced by Nikos. Precision and accuracy for silver analyzed by ICP-EOS method are 84.18% and 60.97 % respectively.

Quality control samples are listed in Table 26.

Table 26. Standards and Duplicates used for Quality Control

Hole ID	Sample #			Cu (ppm)	Ag (ppm)	Au (ppb)
CP05-07	34776	Standard	17Pb			
CP05-07	34797	Blank				
CP05-07	34811	Blank				
CP05-07	34826	Standard	51P			
CP05-07	34832	Blank				
CP05-08	34851	Standard	17Pb	80	0.5	2390
CP05-08	34870	Blank		63	<0.2	<5
CP05-08	34880	Blank		28	<0.2	<5
CP05-08	34883	Blank		48	<0.2	<5
CP05-08	34890	Standard	51P	7160	2	400
CP05-09	34912	Blank		34	-0.2	3
CP05-09	34930	Standard	17Pb	83	0.6	2450
CP05-10	34960	Standard	51P	7344	2.1	430
CP05-10	34980	Blank		29	-0.2	-5
CP05-10	35000	Standard	17Pb	84	0.5	2590
CP05-10	34490	Blank		20	-0.2	-5
CP05-10	20210	Blank		50	-0.2	-5
CP05-11	20230	Standard	51P	7090	2.1	430
CP05-11	20250	Blank		29	<0.2	<5
CP05-11	20258	Blank		14	<0.2	<5
CP05-11	20270	Standard	17Pb	72	0.6	2740
CP05-12	20305	Standard	51P	7130	2.1	380
CP05-12	20320	Blank		99	<0.2	<5
CP05-12	20345	Standard	17Pb	76	0.7	2160
CP05-12	20365	Blank		13	<0.2	<5
CP05-12	20383	Blank		46	<0.2	<5
CP05-13	20394	Standard	51P	6410	2	440
CP05-13	20409	Blank		25	<0.2	<5
CP05-14	20437	Standard	51P	7160	2.2	345
CP05-14	20469	Blank		31	0.2	<5
CP05-14	20483	Blank		94	0.3	<5
CP05-14	20511	Blank		72	<0.2	<5
CP05-15	20546	Blank		210	<0.2	<5
CP05-16	20575	Blank		211	0.3	15
CP05-16	20592	Standard	51P	7690	2.2	423
CP05-17	20618	Standard	51P	7390	2.1	438
CP05-17	20623	Blank		35	<0.2	<5
CP05-18	19610	Standard	43P			
CP05-18	19628	Blank				
CP05-19	19640	Standard	51P			
CP05-19	19651	Blank				
CP05-19	19661	Blank				

CP05-20	19672	Blank				
CP05-20	19677	Blank				
CP05-20	19681	Blank				
CP05-20	19700	Standard	43P			
CP05-20	19717	Blank				
CP05-20	19737	Standard	51P			
CP05-21	19775	Blank				
CP05-21	19780	Standard	43P			

13. Conclusions

The second stage program was successful in following up the earlier results of drilling on the In the Beaver Pond area of the Coppercorp property. Four holes in the area intersected significant copper worthy of follow up, including: 74.65 metres (54 metres true width) grading 0.34% copper and 2 grams per tonne silver in hole CP-05-20; 31.7 metres grading 0.2% copper and 0.5 grams per tonne silver, including 1.03% copper and 1.8 grams per tonne silver over 1.43 metres, in hole CP-05-08; 35.33 metres grading 0.35% copper and 3.1 grams per tonne silver, including 8.53 metres containing 0.83% copper in hole CP-05-14,

Two holes drilled to test a chargeability anomaly to the northwest of the Beaver Pond area also intersected mineralization. A 3.7 metre (3.42 metres true width) intersection grading 0.96% copper and 7.9 grams per tonne silver was found in hole CP-05-18 and 3.65 metres containing 1.40% copper was intersected in hole CP-05-15, one hundred metres to the northwest.

The mineralization encountered in the drilling program is believed to be part of the SB zone which was being mined when the Coppercorp mine closed in the early seventies.

14. Recommendations

The significant intersections found during the second stage drilling program should be followed up by further drilling. The best mineralization in both drilling programs was intersected in the Beaver Pond area. Future drilling should plan to expand the mineralization in this area to the southeast, northwest and at depth. Untested chargeability anomalies should also be followed up with drilling. A drill spacing of 50 metres is recommended due to the vein-style nature of the mineralization. A 3,000 metre follow up drill program is recommended that is expected to take about 2 months and cost just under $500,000 (Table 27).

Table 27. Budget outline for Proposed Phase II Drill Program

Item	unit	cost/unit	# units	Subtotal	GST	Total
Drilling	metre	100	3,000	300,000	18,000	318,000
Wages+consulting	days	700	60	42,000	2,520	44,520
Sample Shipping & Analyses	sample	35	1,500	52,500	3,150	55,650
Food & Accomodation	week	1000	8	8,000	480	8,480
Truck Rental & Gas	week	1300	8	10,400	624	11,024
Field Supplies				2,000	120	2,120
Equipment Rental	week	400	8	3,200	192	3,392
						443,186
Contingency (10%)						44,318
Total						487,504

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Certificate of Author

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I, Roger Moss, P.Geo. do hereby certify that:

1. I am President of Moss Exploration Services, 326 Rusholme Rd., Toronto, ON. M6H 2Z5

2. I graduated with a Ph.D. degree in Geology from the University of Toronto in 2000. In addition, I have obtained a M.Sc. degree in Geology from the University of Toronto in 1995 and a B.Sc. in Geology from the University of the Witwatersrand in 1988.

3. I am a member in good standing of the Association of Professional Geoscientists of Ontario (Registration Number 0192), the Canadian Institute of Mining, Metallurgy and Petroleum, and of the Society of Economic Geologists.

4. I have worked as a geologist for a total of six years since my graduation from university.

5. I have read the definition of "Qualified Person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

6. I am responsible for the preparation of sections 1 to 9, and 11 to 15 of the technical report titled "Report of second phase drilling program, Coppercorp Property, Sault Ste. Marie Mining Division, Ontario" and dated 5 July, 2007 (the "Technical Report") relating to the Coppercorp Property of Nikos Explorations Ltd. I last visited the Coppercorp Property on 26 April, 2005 for 6 days.

7. I have had prior involvement with the property that is the subject of the technical report. The nature of my prior involvement is managing the exploration program for Amerigo Resources Ltd and Nikos Explorations Ltd.

8. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

9. I am not independent of Nikos Explorations Ltd. applying all of the tests in section 1.5 of National Instrument 43-101, since I am an insider of the Company and hold securities of the Company.

10. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

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

Dated this fifth day of July, 2007.

Roger Moss, Ph.D., P.Geo.

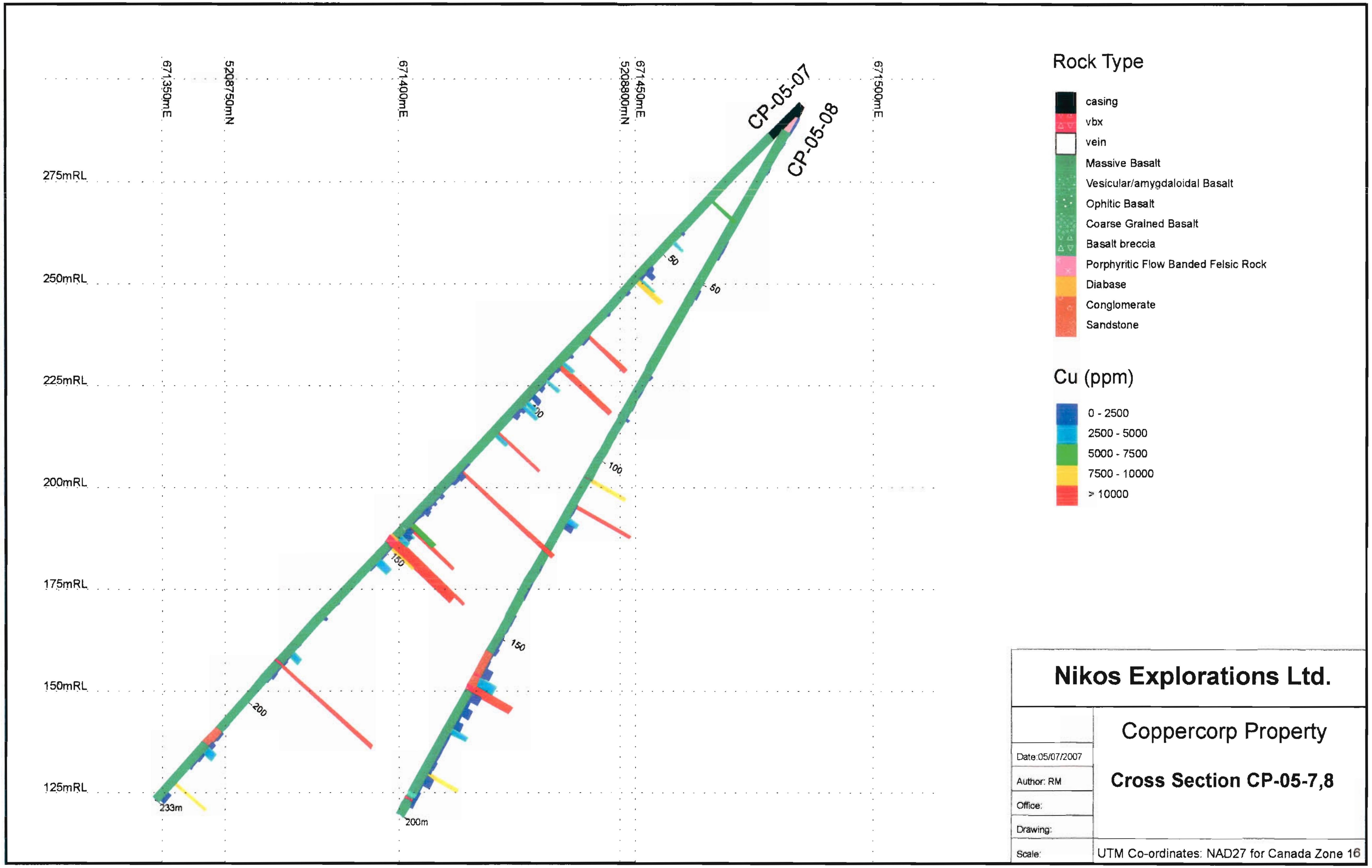

Figure 11. Cross Section of Holes CP-05-07 and 08.

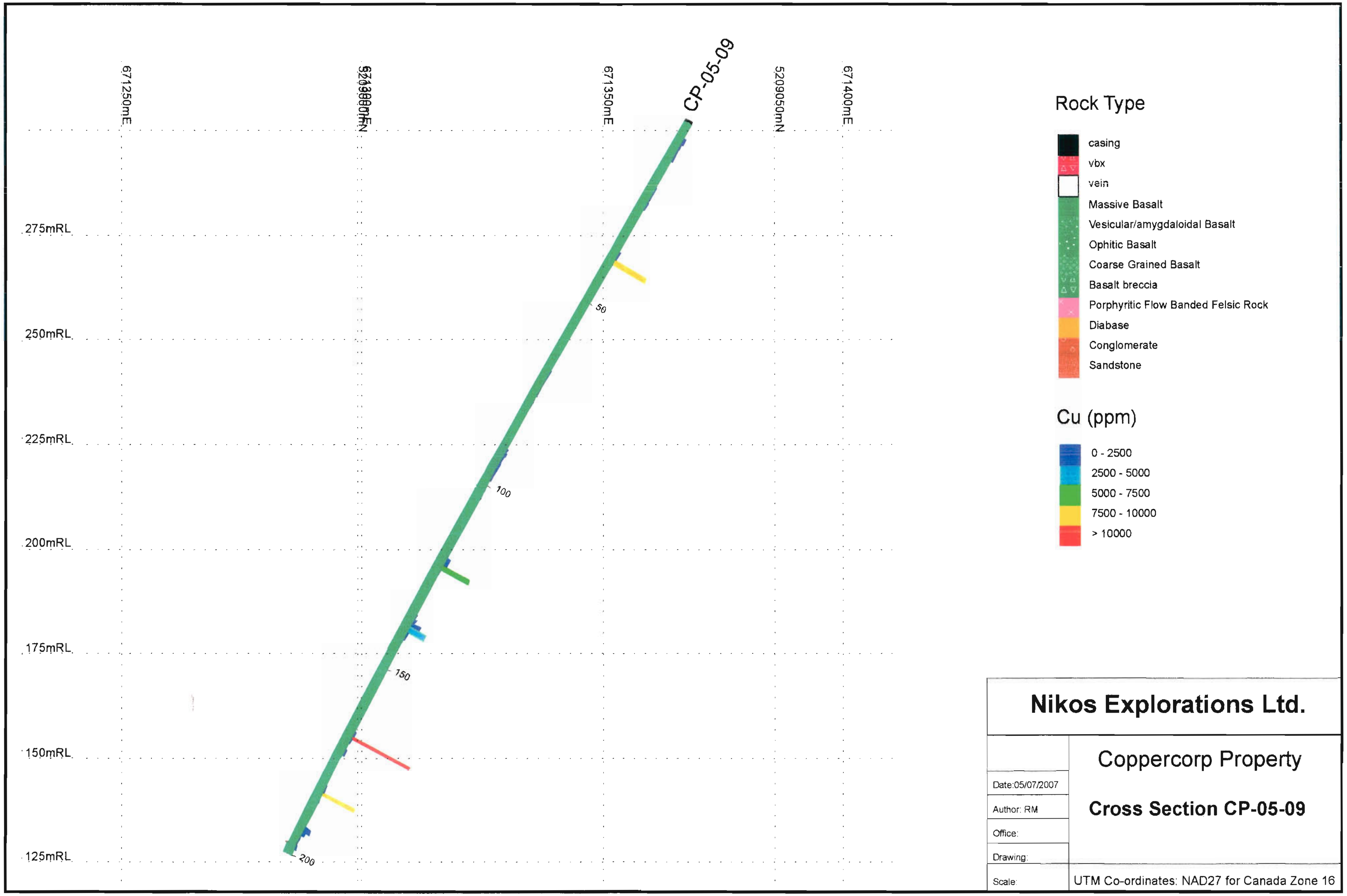

Figure 12. Cross Section of Hole CP-05-09.

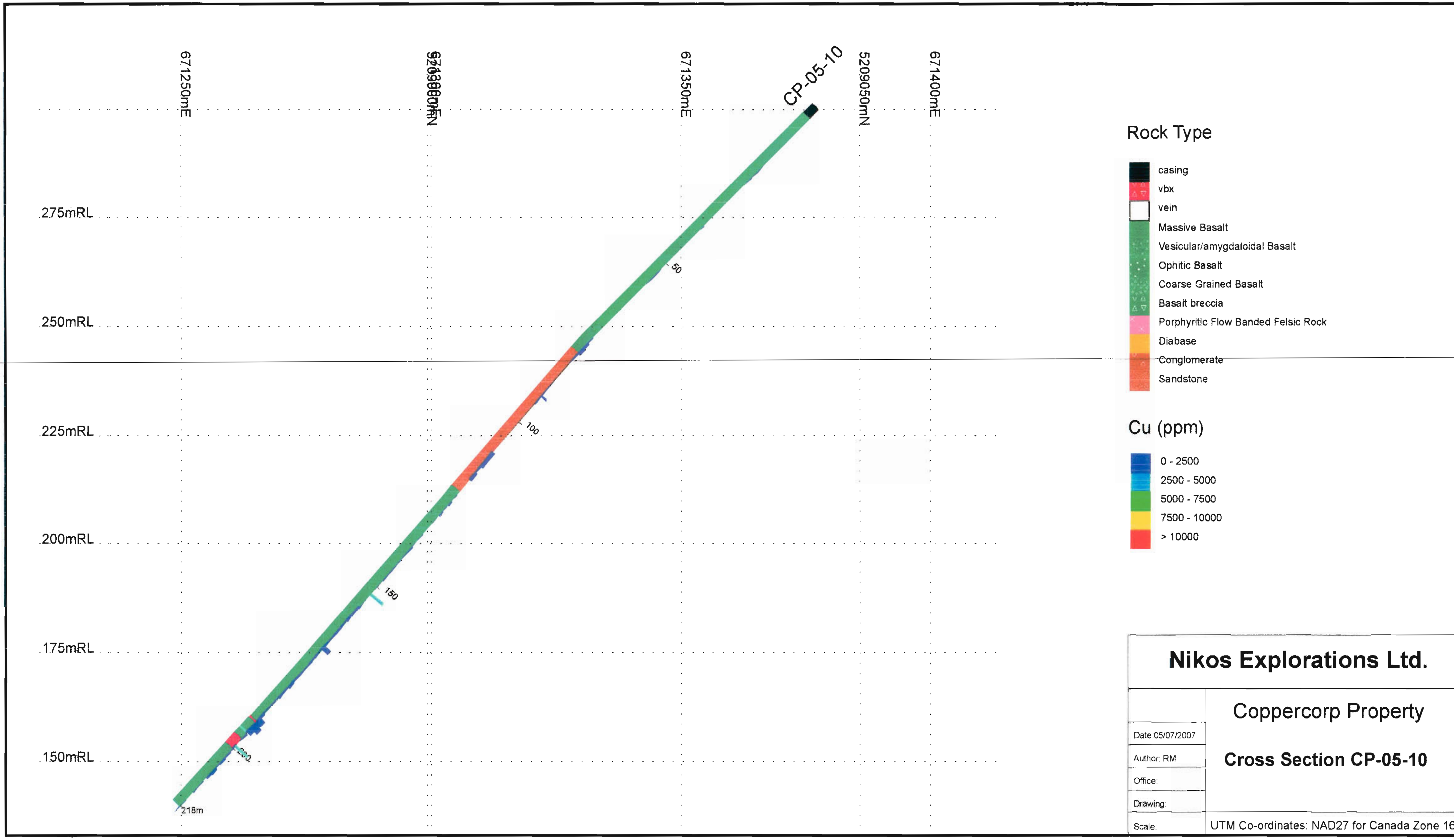

Figure 13. Cross Section of Hole CP-05-10.

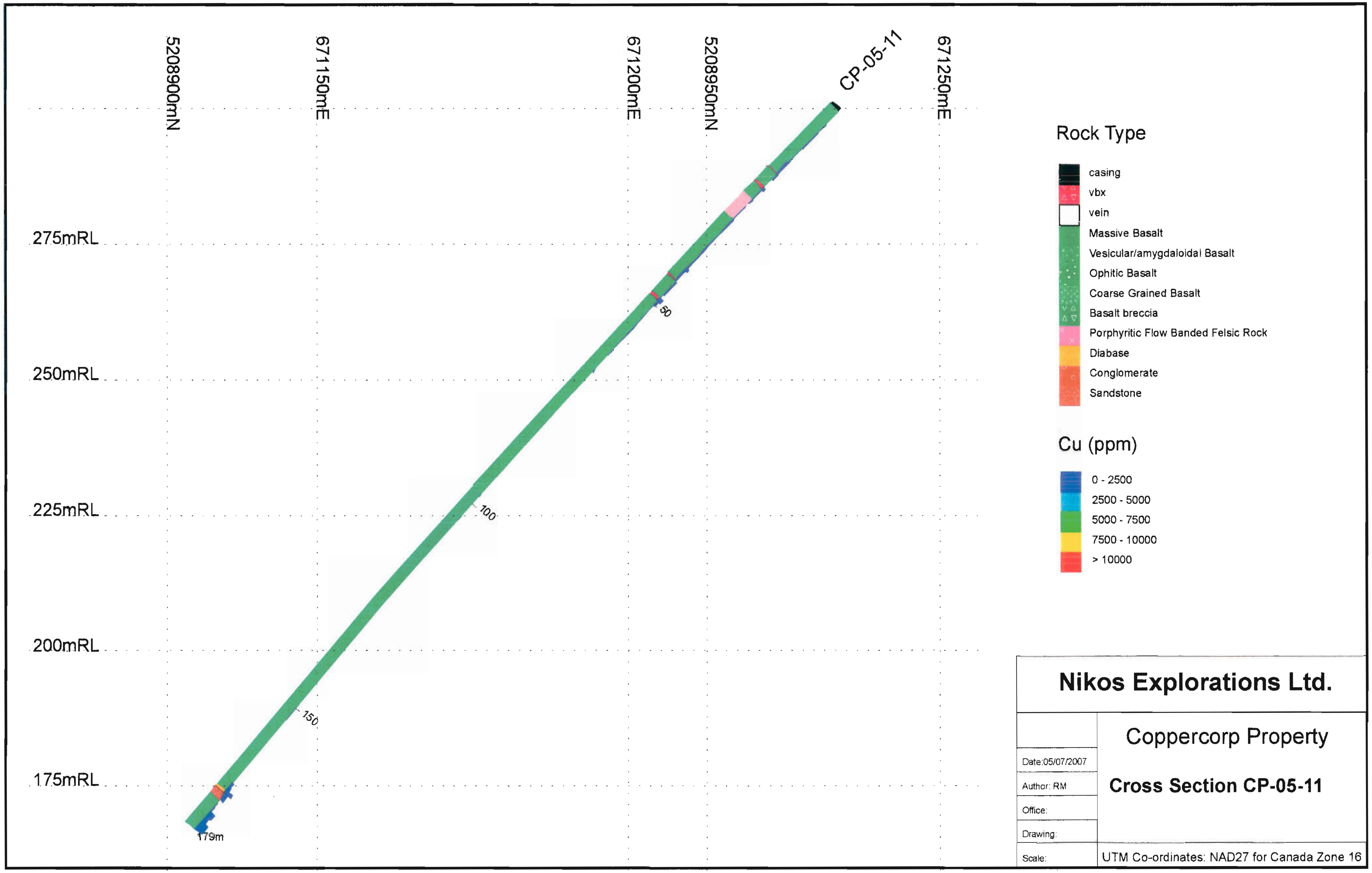

Figure 14. Cross Section of Hole CP-05-11.

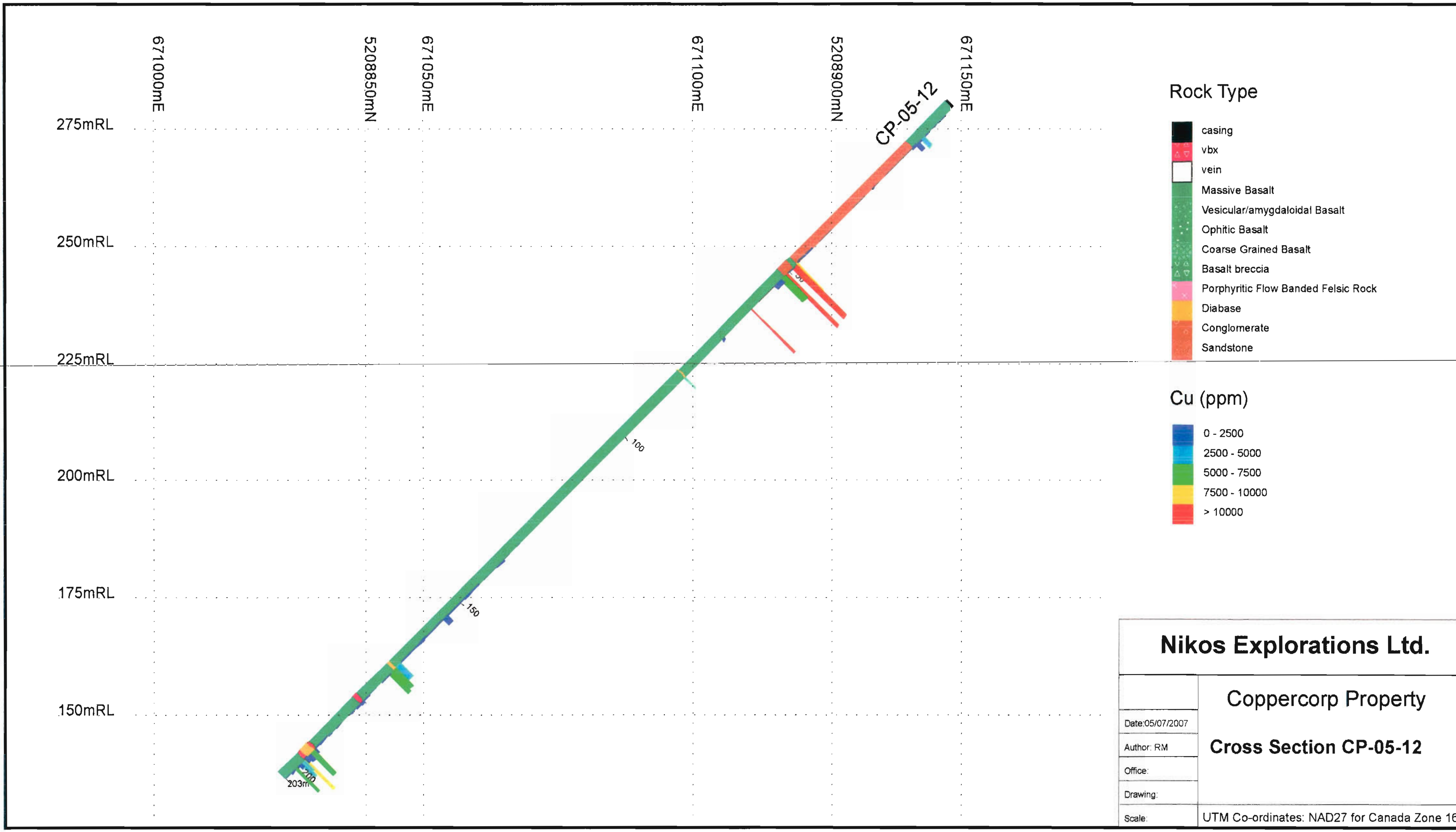

Figure 15. Cross Section of Hole CP-05-12.

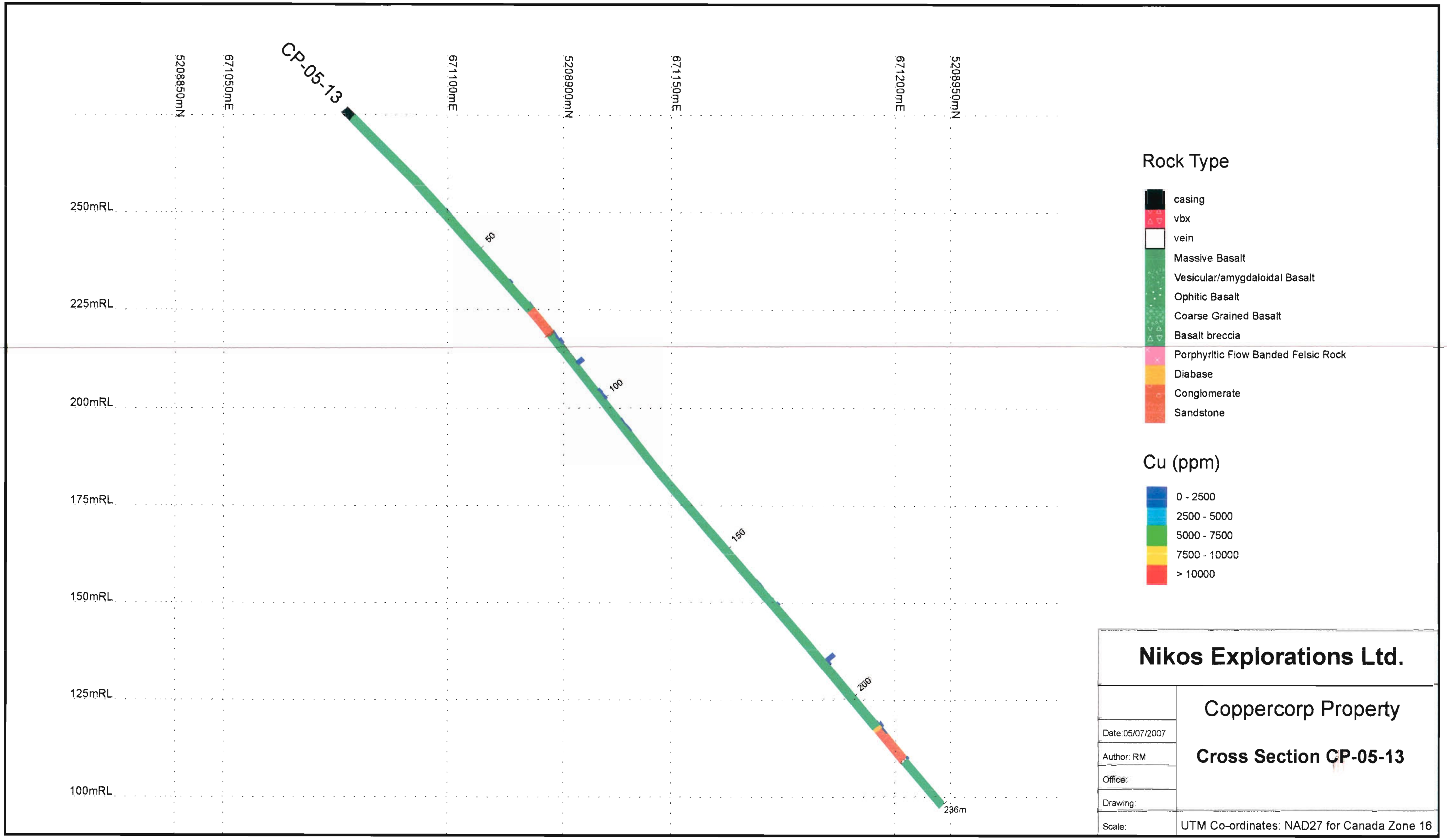

Figure 16. Cross Section of Hole CP-05-13.

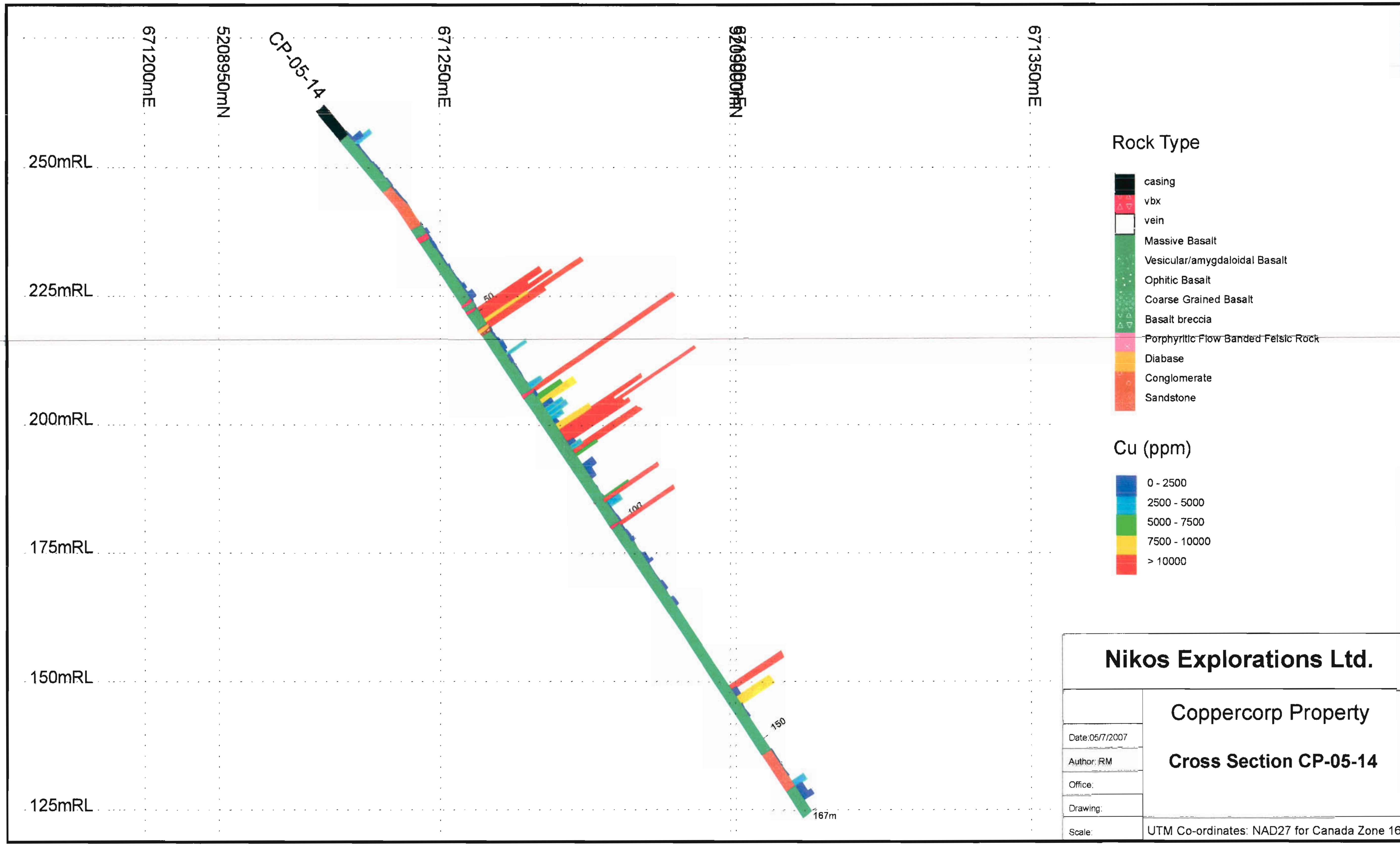

Figure 17. Cross Section of Hole CP-05-14.

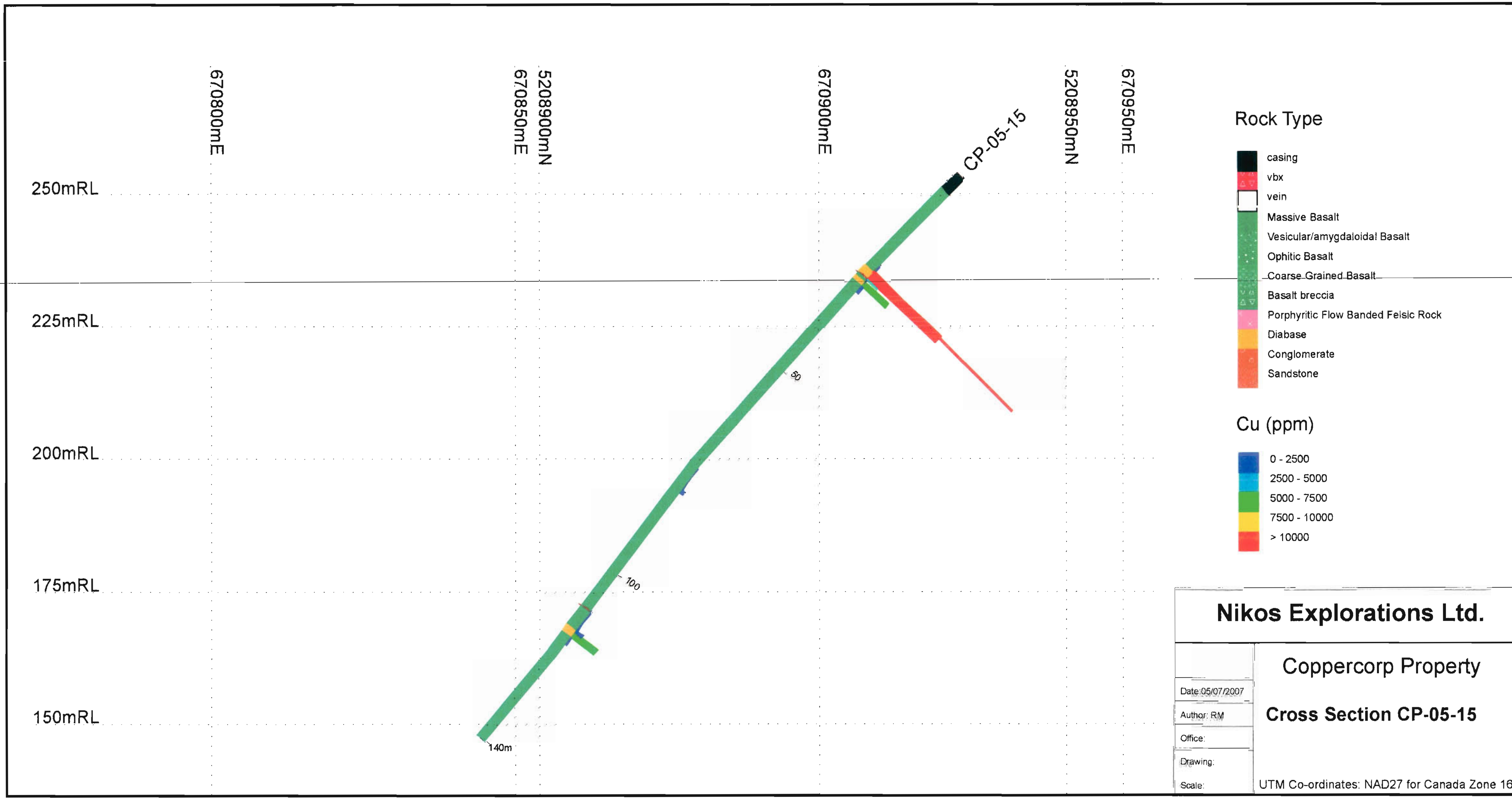

Figure 18. Cross Section of Hole CP-05-15.

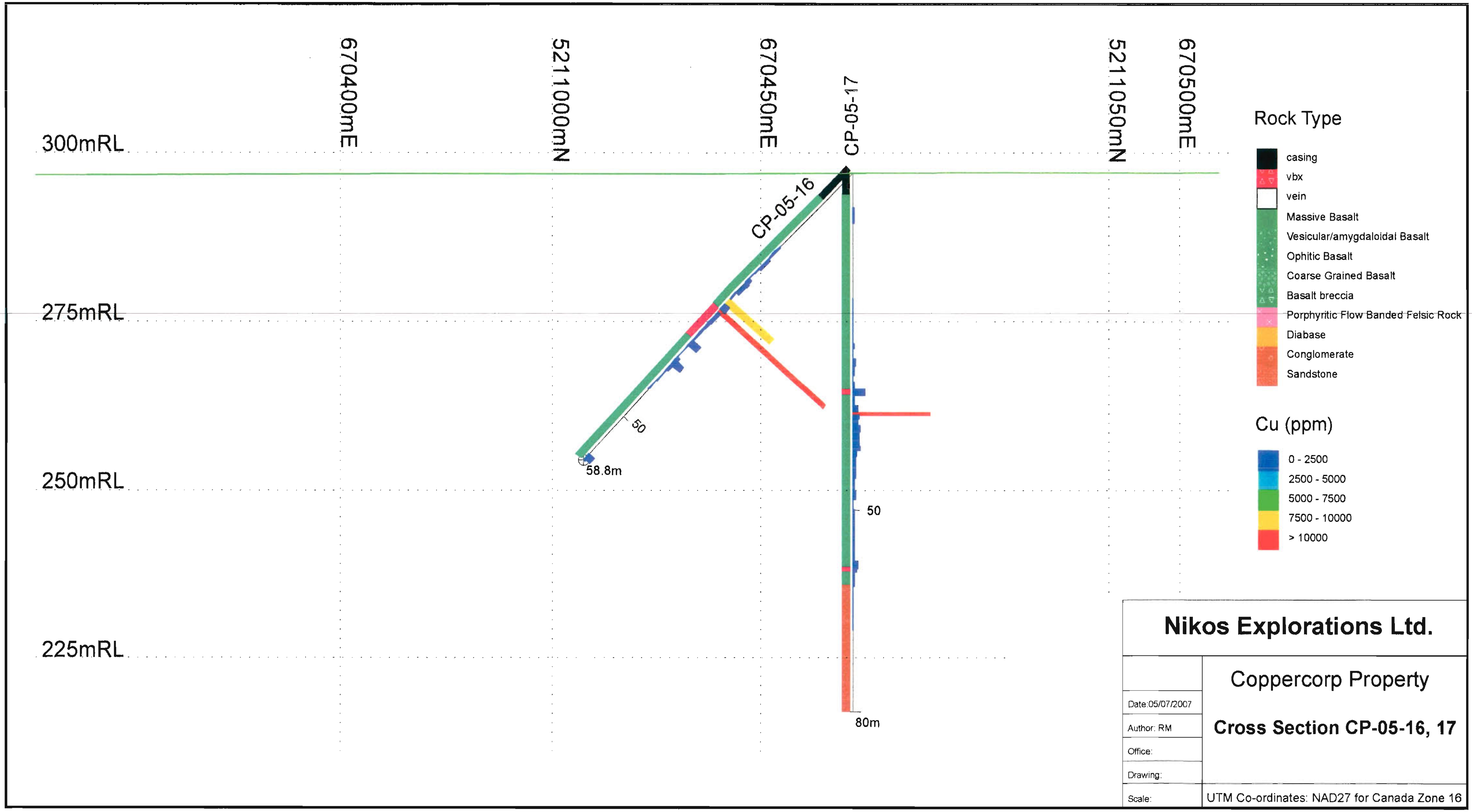

Figure 19. Cross Section of Holes CP-05-16 and CP-05-17.

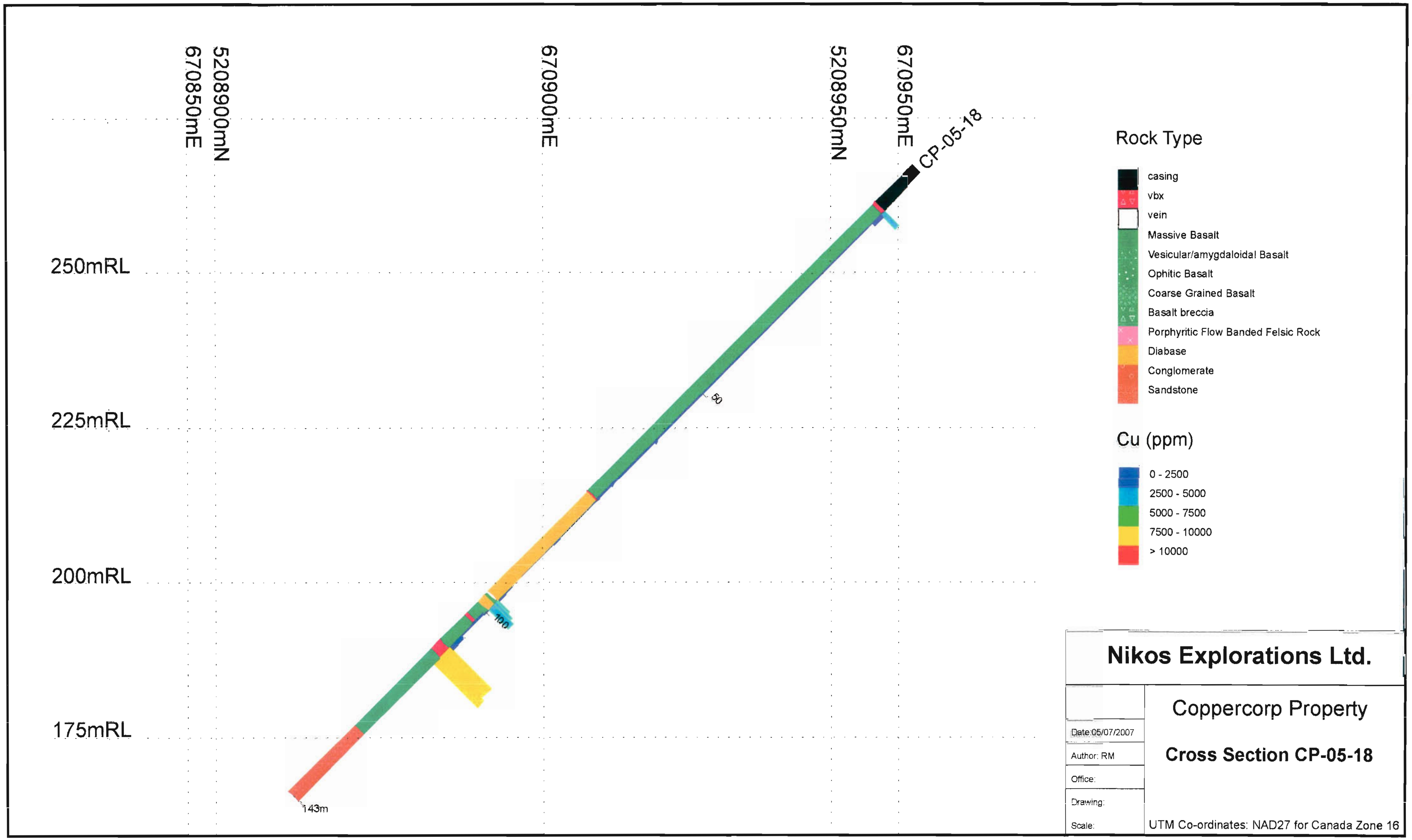

Figure 20. Cross Section of Hole CP-05-18.

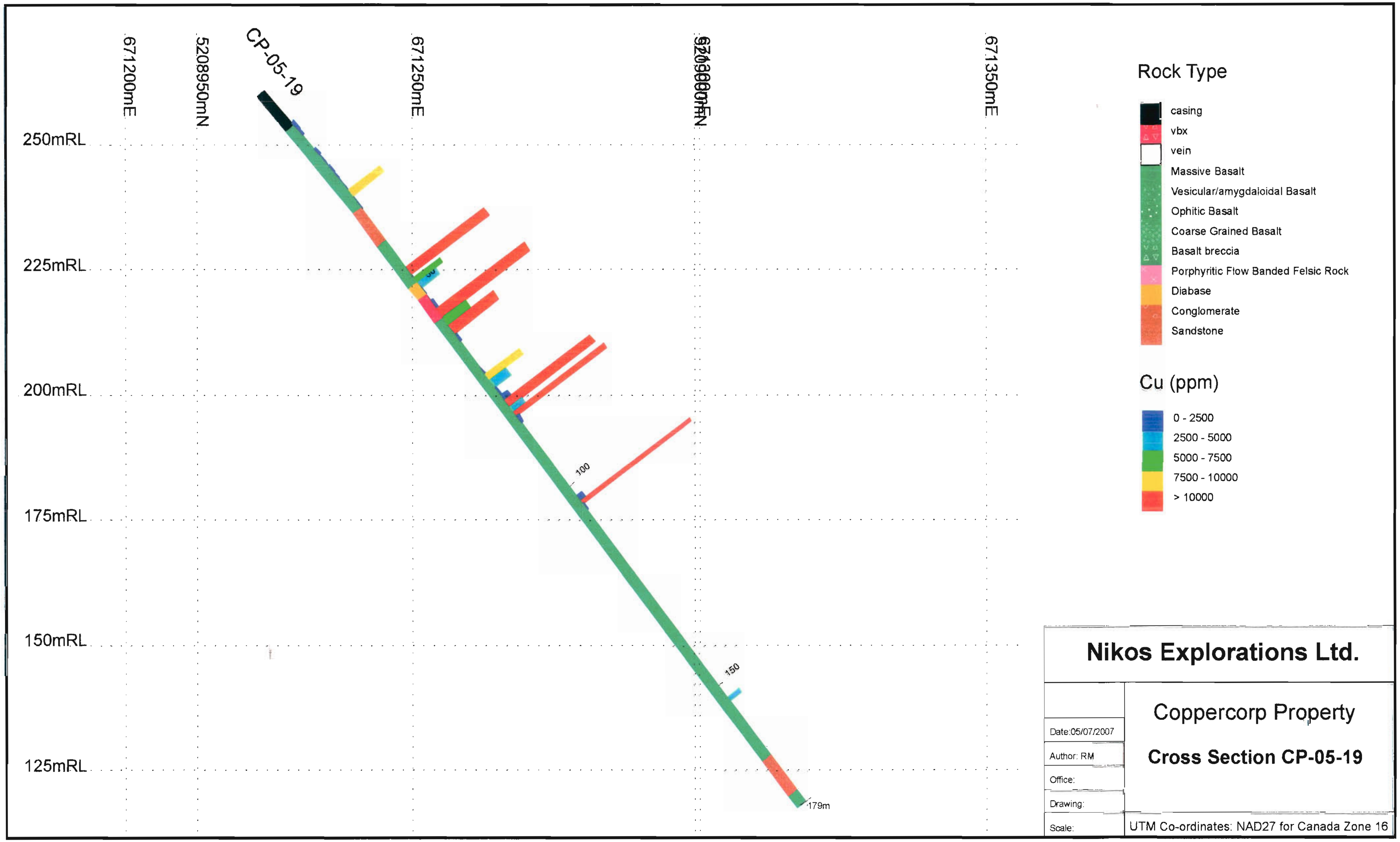

Figure 21. Cross Section of Hole CP-05-19.

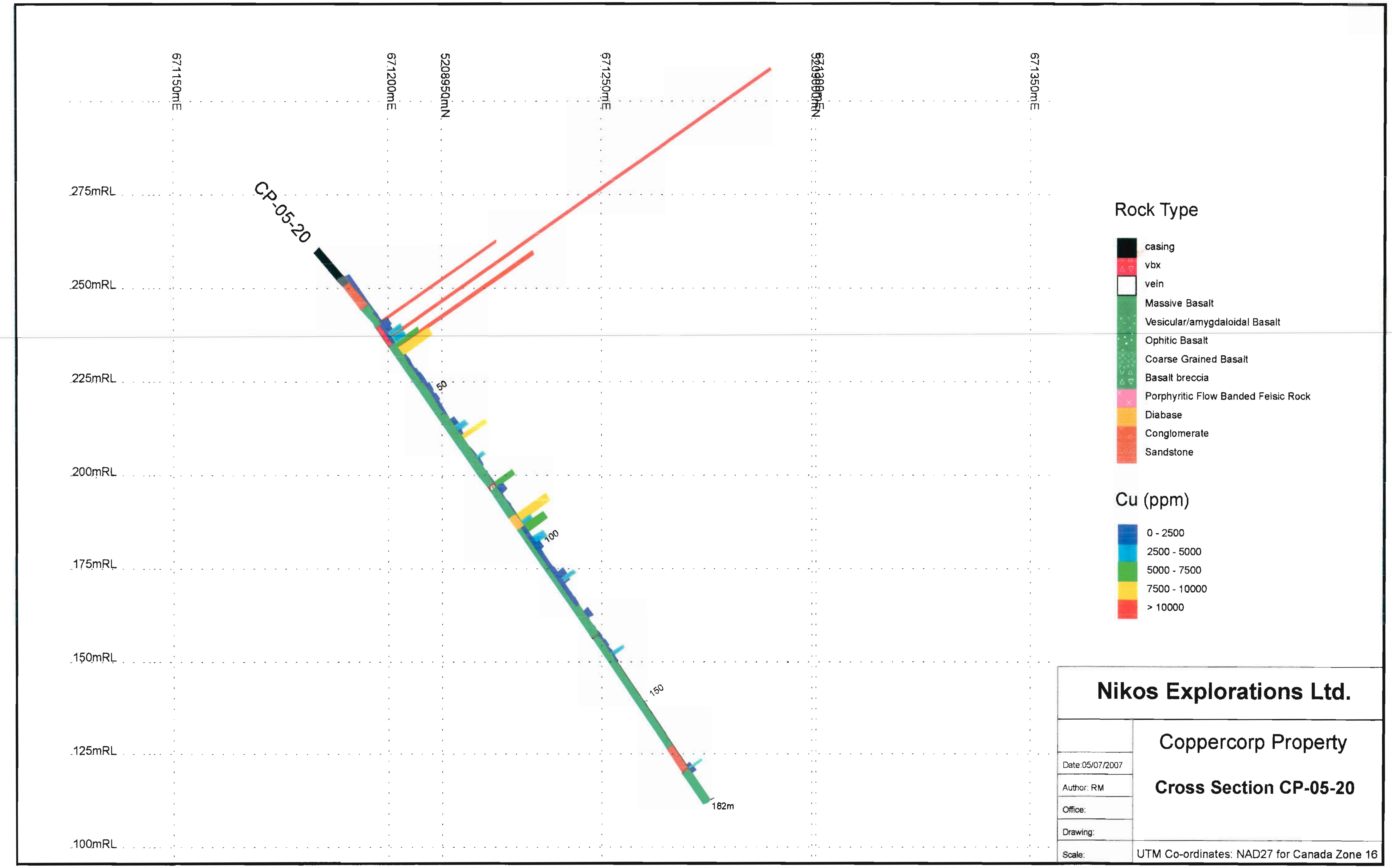

Figure 22. Cross Section of Hole CP-05-20.

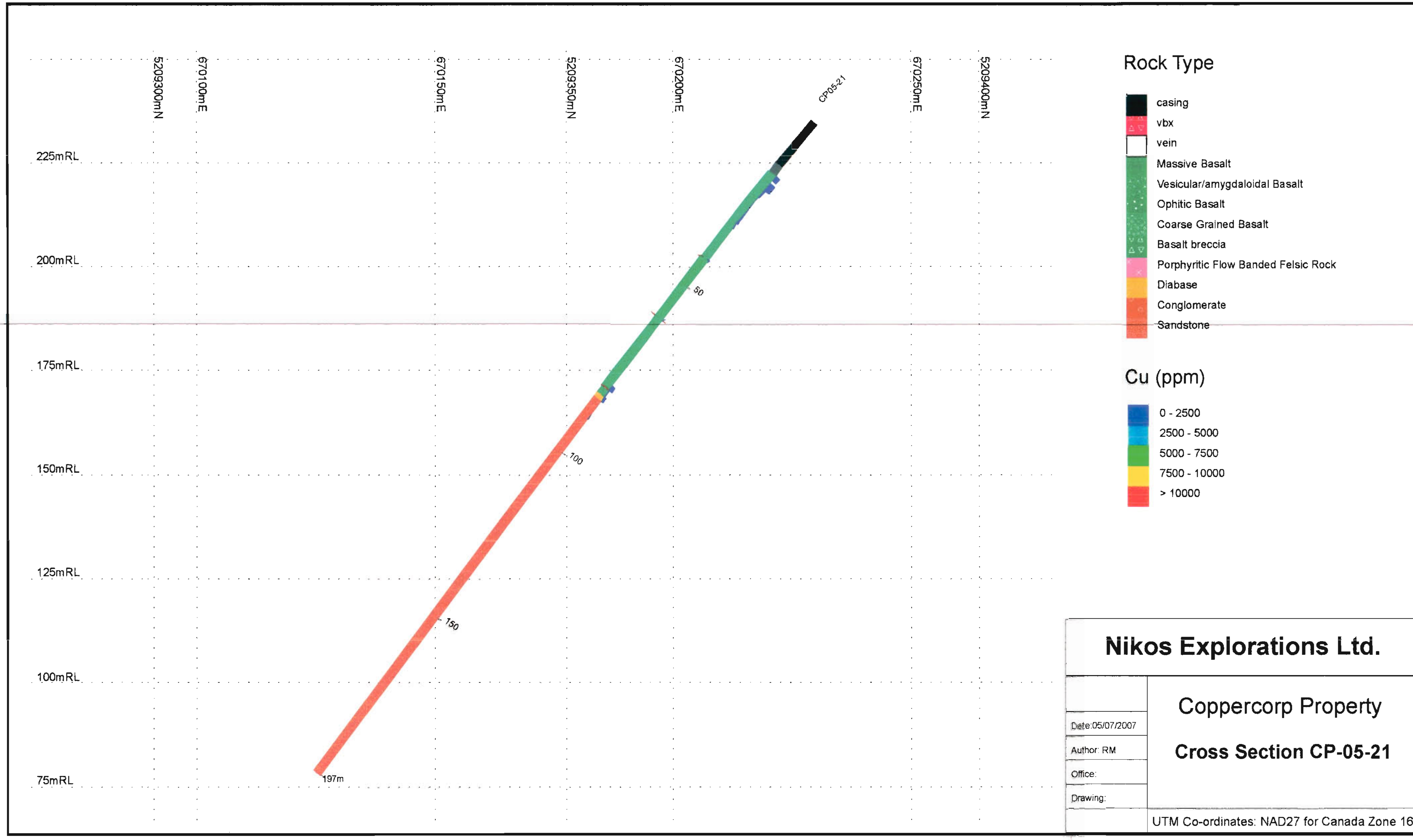

Figure 23 Cross Section of Hole CP-05-21.

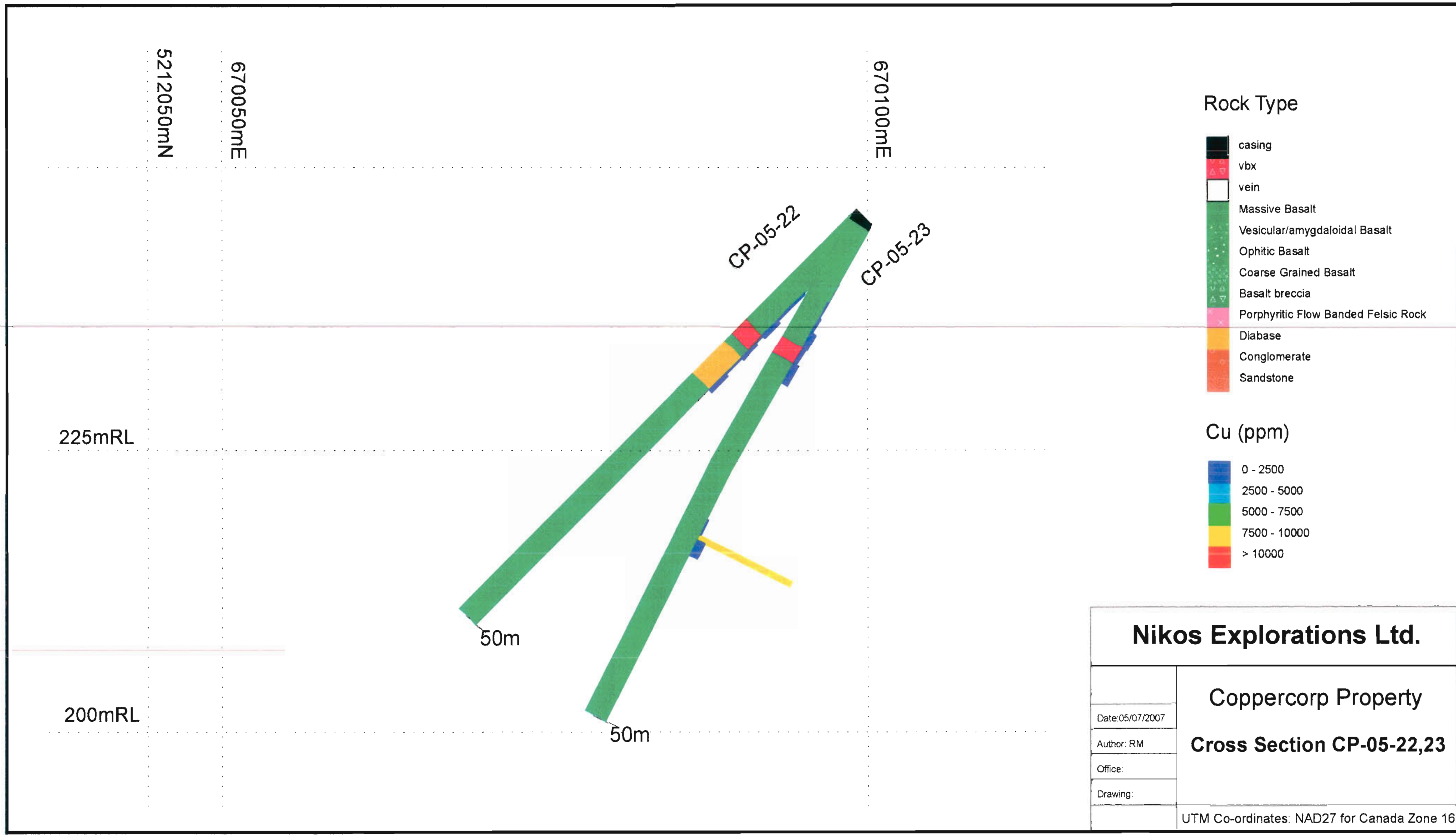

Figure 24 Cross Section of Holes CP-05-22 and CP-05-23.

APPENDIX 1.

Drill Hole Logs of Second Stage Drilling Program Coppercorp Property

NIKOS EXPLORATIONS LTD	DIAMOND DRILL LOG	Property: COPPERCORP	Township: RYAN	Claim:	Hole No. CP-05-07	Page 1/4
Drilled By: Denis Crites Diamond Drilling	UTM X:	UTM Y:	Elevation:	Azimuth: 240°	Inclination: - 45	Dip Test
Start Date: July 18, 2005	Completed: July 20, 2005	Date Logged: July 22, 2005	Logged By: A. Peshkepia		TD: 233.0m	

Depth		Rock Type	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To			Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
0.00	11.00	Overburden	Casing								
11.00	16.65	6b,c	Coarse amygdaloidal flow. Unaltered. Scattered quartz, calcite and chlorite amygdules. Rare hairline fracture filling calcite veinlets at various degrees to core axis.	V 45 V 30 V 55							
16.65	24.05	6b	Fine grained, grey amygdaloidal basalt. Calcite, quartz, K-feldspar, epidote and zeolite amygdules of variable size (from mm to 1-2 cm). Some amygdules are zoned with a K-feldspar core and epidote rim.	V 40	34762	16.65	18.65	2.00	116	0.1	2.5
24.05	58.15	6b,c	Coarse amygdaloidal flow. Rare calcite, epidote and K-feldspar amygdules. Patches of weak epidote alteration. Well veined. @ 32.0m 1 cm quartz, epidote vein with specks of chalcocite @ 20 d.c.a. @42.9m 1 cm quartz, epidote vein with specks of chalcocite at 90 d.c.a. 46.0-46.5m 1-3cm quartz, epidote veinlets with specks of chalcocite at 70 d.c.a. @54.35m a 5 cm barren calcite vein at 35 d.c.a. @54.65-54.8m three cm thick, parallel quartz, calcite veinlets with specks of native copper and chalcocite at 45 d.c.a At 55.7m a 10cm quartz, calcite vein with blebs and specks of chalcocite at 30 d.c.a. Specks of chalcocite in calcite veinlets were observed down to 56.5 m.	V 20 V 90 V 70 V 35 V 45 V30 V60	34763 34764 34765 34766 34767 34768 34769	32.0 42.8 45.9 54.2 55.0 55.5 56.5	32.5 43.3 46.5 55.0 55.5 56.5 58.15	0.50 0.50 0.60 0.80 0.50 1.00 1.65	7400 385 3020 642 217 2190 100	<5 <5 <5 <5 <5 <5 <5	2.8 <0.2 <0.2 4.9 <0.2 <0.2 <0.2
58.15	70.5	6a	Fine grained massive greyish-brown basaltic flow. Fine grained section of the amygdaloidal flow described in the previous section. Few epidote bands up to 5 cm wide. Calcite filled hairline frctures. @58.32-58.47m a 15cm calcicte, hematite vein with sharp contacts at 55 d.c.a. Specks of chalcocite along the lower contact. 59.1-59.5m mm size calcite, quartz veinlets with tiny	V 55 V 70	34770 34771 34772 34773	58.15 58.65 62.5 69.8	58.65 59.65 63.5 70.5	0.50 1.00 1.00 0.70	4530 7520 321 332	<5 <5 <5 6	3.2 0.4 <0.2 <0.2

			specks of chalcocite @ 70 d.c.a and subparalel to core axis.								
70.5	77.15	6b	Fine grained, grey amygdaloidal basalt. Quartz, calcite,	V 20	34774	70.5	71.9	1.40	76	<5	<0.2
			K-feldspar amygdules. Odd mm size calcite veinlet @20		34775	71.9	73.25	1.35	58	<5	0.2
			d.c.a. Small patches of sericite alteration		34776	Stand.	17Pb		81	>3000	0.3
77.15	92.75	6b,c	Light brownish-grey, medium to coarse grained,		34777	77.15	77.65	0.50	12500	26	<0.2
			amygdaloidal flow. Odd mm size calcite veinlet with	V 60	34778	77.65	79.65	2.00	474	5	<0.2
			specks of chalcocite @ 60 d.c.a.		34779	79.65	81.65	2.00	18	<5	<0.2
			@88.90m calcite vein with native copper and silver		34780	81.65	83.5	1.85	47	<5	<0.2
			specks.		34781	83.5	84.0	0.50	707	6	2.9
			Quartz, K-feldspar and calcite amygdules in a		34782	84.0	86.0	2.00	125	<5	<0.2
			pervasive, weakly hematized groundmass. Isolated		34783	86.0	87.0	1.00	3310	<5	<0.2
			patches of epidote alteration.		34784	87.0	88.0	1.00	16700	7	<0.2
					34785	88.0	89.0	1.00	576	<5	<0.2
					34376	89.0	90.0	1.00	107	<5	<0.2
					34786	90.0	92.0	2.00	294	<5	<0.2
					34787	92.0	92.75	0.75	4030	<5	0.6
92.75	109.7	6b,c	Medium to coarse grained amygdaloidal flow. Grey to	V 60	34788	92.75	94.0	1.25	210	<5	<0.2
			light reddish colour.	V 65	34789	94.0	95.0	1.00	930	<5	<0.2
			Pervasive weak hematite alteration. Calcite and quartz		34790	95.0	97.0	2.00	52	<5	<0.2
			filled fractures with specks of chalcocite @94.7m and		34791	97.0	98.0	1.00	2450	<5	<0.2
			97.7m.		34377	98.0	99.0	1.00	76	<5	<0.2
				V 60	34792	99.0	100.0	1.00	3090	<5	<0.2
			100.3-101.4m calcite filled fractures subparallel to core	V 50	34793	100.0	100.5	0.50	420	<5	<0.2
			axis with specks of chalcocite.	V 20	34378	100.5	101.5	1.00	4660	7	0.2
					34379	101.5	102.0	0.50	1150	<5	0.9
			102-102.4m mm size calcite and hematite veinlets @60		34794	102.0	103.0	1.00	305	<5	<0.2
			d.c.a.		34795	103.0	104.2	1.20	960	<5	<0.2
					34380	109.5	110.0	0.50	13500	11	0.4
			104.5m 1 cm calcite vein with specks of chalcocite @								
			50 d.c.a.								
			Calcite, zeiolite veinlets at 20 d.c.a.								
			Odd cm size calcite amygdules.								
109.7	124.35	6b	Light brown, fine grained, amygdaloidal basalt. Calcite,		34796	110.0	111.0	1.00	3670	<5	<0.2
			quartz, K-feldpsar amygdules.		34797	BLANK			32	<5	<0.2
			109.7m 2cm calcite vein @80 d.c.a.		34392	120.55	122.55	2.00	108	<5	<0.2
			109.9m specks of chalcocite in calcicte veinlets.		34798	122.55	123.3	0.75	30400	15	0.8
			122.6-123.05m Iron oxide plus blebs of chalcocite in	C 60	34799	123.3	124.5	1.20	1430	<5	<0.2
			calcite veinlets along the flow contact @ 60 d.c.a.								
124.35	139.9	6b,a	Medium grained basaltic flow. Light reddish colour.	V 60	34381	124.5	126.5	2.00	816	<5	<0.2
			Pervasive and weak hematite alteration. Rare mm size		34382	126.5	128.5	2.00	159	<5	<0.2
			calcite veinlets @ 60 d.c.a.		34383	128.5	130.2	1.70	104	<5	<0.2
			Fine grained specularite in the ground mass?		34800	130.2	131.2	1.00	833	<5	<0.2
					34801	131.2	132.7	1.50	172	<5	<0.2
					34802	132.7	133.35	0.65	909	<5	0.3

					34384	133.35	134.5	1.15	315	<5	<0.2
					34385	134.5	135.5	1.00	635	<5	<0.2
					34386	135.5	136.5	1.00	1090	<5	<0.2
					34387	136.5	137.5	1.00	118	<5	<0.2
					34388	137.5	138.5	1.00	219	<5	<0.2
					34389	138.5	139.5	1.00	164	<5	<0.2
					34390	139.5	140.3	0.80	56	<5	<0.2
139.9	142.75	6b,a	Medium grain, green basaltic flow. Well fractured,		34803	140.3	141.4	1.10	7350	<5	<0.2
			calcite filled fractures with blebs of chalcocite @ 60	V 60	34804	141.4	141.9	0.50	14500	12	0.6
			d.c.a		34391	141.9	142.6	0.70	1370	<5	<0.2
142.75	**143.0**	Vbx	Vein breccia with finely disseminated chalcocite in a	V 90	34805	142.6	143.1	0.50	2580	6	2.4
			vuggy silica and hematite matrix. Contacts @ 90 d.ca								
143.0	145.75	6b	Grey, fine grained, amygdaloidal basalt. Abundant	V 50	34806	143.1	144.5	1.40	2100	<5	2.4
			calcite amygdules.	V 60	34807	144.5	145.75	1.25	2790	<5	0.6
			@143.7m 2-5cm calcite veins at 50 and 60 d.c.a. with	V 65							
			minor specks of chalcocite.								
145.75	146.4	9a	Light green, fine grained mafic dyke. Well fractured.	D 60	34808	145.75	146.4	0.65	22500	7	1.1
			Hematite filled hairline fractures. Blebs of chalcocite in								
			1cm thick calcite veins. Sharp contacts at 60 d.c.a.								
146.4	148.1	Vbx/9a	Vein breccia intruded by extremely epidote altered, well		34809	146.4	148.1	1.70	19500	27	5.7
			fractured, beige coloured mafic dykes up to 30 cm thick.								
			@147.6m specks of native silver in calcite rich vein								
			breccia.	C 55							
			Lower contact sharp @ 55 d.c.a.								
148.1	148.65	6b	Fine grain, rusty looking, amygdaloidal basalt. Tiny FeO		34810	148.1	148.7	0.6	7530	7	0.8
			filled amygdules. Finely disseminated specularite.		34811	BLANK			35	<5	<0.2
			Finely disseminated chalcocite. Mm size calcite veinlets								
			with specks of chalcocite.								
148.65	182.0	6b,c	Medium to coarse grain, grey amygdaloidal flow. Metre		34812	148.7	150.7	2.00	234	<5	<0.2
			wide bands of epidote alteration towards the lower part		34813	150.7	152.1	1.40	379	<5	<0.2
			of the section. Calcite veinlets in the first 10 metres.		34814	152.1	154.1	2.00	3770	5	0.2
			Small chlocite amygdules and odd large K-feldsapr and		34815	154.1	156.1	2.00	198	<5	<0.2
			calcite amygdules. Less veining and fractures in the		34816	156.1	158.0	1.90	172	<5	<0.2
			bottom part of the section.		34817	167.0	168.2	1.20	98	<5	<0.2
			Specks of specularite and chalcocite in calcite veinlets.	V 90	34818	171.85	172.35	0.50	826	<5	<0.2
			@ 172.0m a 10 cm quartz, calcite, zeolite vein @90		34819	179.45	181.45	2.00	72	<5	0.4
			d.c.a.		34820	181.45	182.2	0.75	64	<5	<0.2
182.0	187.7	6a,b	Medium grain, greyish-green, amygdaloidal flow. Bands		34821	182.2	183.5	1.30	57	<5	<0.2
			of reddish brown massive basalt. Tiny chlorite, FeO	V 40	34822	183.5	185.0	1.50	2800	<5	2.6
			amygdules of irregular shape.		34823	185.0	186.4	1.40	242	<5	<0.2
			Calcite veinlets @ 182.0m , 183.6 and 184.3m. Zeolite	V 50	34824	186.4	187.7	1.30	664	<5	0.8
			and hematite veinlets @ 182.5m. @ 184.3m a 10 cm								
			calcite vein with specks of native copper.								
187.7	188.3	Vbx	60 cm zone of intense calcite, quartz and hematite	V 50	34825	187.7	188.3	0.60	29700	69	5.1
			veining with specks of chalcocite. Strong carbonate and		34826	Stand.	51P		7700	555	2.1

			green zeolite alteration, veinlets of chalcocite. Veins generally @ 50 d.c.a.							
188.3	192.9	6a,b	Fine grain, greenish-grey basalt with tiny chlorite amygdules of irregular shape. Calcite, hematite, and zeolite filled hairline fractures. 5 cm calcite, quartz, hematite minor epidote vein 2191.75m @65 d.c.a. Talc filled fractures near the bottom contact of the flow.	V 65	34393 34394 34827	188.3 190.3 191.7	190.3 191.7 193.0	2.00 1.40 1.30	346 541 145	<5 5 8	<0.2 <0.2 <0.2
192.9	197.55	6a,b	Fine grain, grey massive basalt. 3 cm wide flow top breccia at the upper contact. Basaltic clasts in a hematized basaltic matrix and calcite veinlets. Fracture filling calcite, zeolite, talc veinlets at shallow angles to core axis. Odd large K-feldspar, quartz, chlorite amygdules.								
197.55	210.0	6b	Fine grain, brownish-grey amygdaloidal basalt. Tiny green zeolite and calcite amygdules from 197.55 to 203.0m. 203.0-210.0m mostly chlorite amygdules and few quartz amygdules. Calcite pink zeolite frcture filling veinlets at 30, 50 and 70 d.c.a.	V 30 V 50 V 70	34828	208.0	210.0	2.00	39	<5	<0.2
210.0	215.0	7a/vbx	Mixture of a strongly altered polymigt conglomerate intruded by a series of cm size vein breccias with a silicified carbonate matrix with hematitic sections. The conglomerate has a calcite matrix with calcite veinlets throughout this section. Minor specks of chalcocite. Contacts @70 d.c.a.	C 70	34829 34830 34831 34832	210.0 212.0 213.5 BLANK	212.0 213.5 215.0	2.00 1.50 1.50	470 171 727 30	<5 <5 <5 <5	0.4 <0.2 0.9 <0.2
215.0	233.0	6b	Fine to very fine grain, greenish-grey amygdaloidal basalt. Strong carbonate veining in the first 5 metres of the section near the contact with the conglomerate. Moderate to strongly magnetic in places. Calcite amygdules at the top, bands of tiny chlorite amygdules towards the lower part of the flow. @221.5m specks of native copper in aquartz veinlet. @227.0m a cm size calcite, epidote vein with specks of chalcocite. @232.0m quartz, epidote veinlets with specks of chalcocite. 233.0m E.O.H.		34833 34834 34835 34836 34837 34838	215.0 217.0 219.0 221.0 226.65 230.0	217.0 219.0 221.0 221.65 227.25 232.35	2.00 2.00 2.00 0.65 0.50 1.75	2700 542 276 359 9730 950	<5 <5 <5 <5 6 <5	1.8 <0.2 <0.2 <0.2 3.4 <0.2

NIKOS EXPLORATIONS LTD	DIAMOND DRILL LOG	Property: COPPERCORP	Township: RYAN	Claim:	Hole No. CP-05-08	Page 1 of 4
Drilled By: Denis Crites Diamond Drilling	UTM X:	UTM Y:	Elevation:	Azimuth:240 °	Inclination: -60	Dip Test
Start Date:	Completed:	Date Logged:	Logged By: A. Peshkepia		TD: 200.0 m	

Depth		Rock Type	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To			Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
0.0	3.0	0verburden	Casing								
3.0	7.4	8a	Yellowish, reddish, strongly altered felsic flow. Weak flow banding? Pervasive epidote and FeO alteration @ 6.4-7.4m. Broken core at the lower contact. Contact and/or banding @75 d.c.a.	B 75	34839 34840	3 5.25	5.25 7.4	2.25 2.15	224 247	< 5 < 5	0.3 0.6
7.4	12.45	6b	Fine grain, dark grey amygdaloidal basalt. Calcite, FeO, K-feldpsar, zeolite amygdules. Some amygdules are zoned with k-feldspar cores and chlorite rims. 10.5m-11.15m 5cm quartz, calcite vein and FeO rich veinlets. Lower contact gradual change into a coarse amygdaloidal flow.		34841	10.3	11.3	1.00	103	10	< 0.2
12.45	35.0	6b	Coarse amygdaloidal flow. Pervasive, moderate epidote alteration. Calcite, epidote, chlorite amygdules of irregular shape. Odd large K-feldspar amygdules. Rare mm size calcite veinlets @ 50 d.c.a. Patchy hematite alteration in the lower 10metres of the section.	V 50	34842	17.0	19.0	2.00	125	< 5	< 0.2
35.0	40.95	6b,a	Fine grain version of the upper section. Gradual grain size change. Hairline calcite veinlets.		34843	38.95	40.95	2.00	221	< 5	< 0.2
40.95	51.85	6b	Amygdaloidal basalt. Fine grain, grey . Abundant calcite amygdules up to 42.95m. Zeolite amygdules, patchy alteration. Calcite, feldspar, epidote and chlorite amygdules in an epidote altered groundmass.		34844	40.95	42.95	2.00	122	< 5	< 0.2
51.85	73.9	6b	Medium to coarse grain amygdaloidal flow. Calcite amygdules to 55.95m. Patchy epidote alteration. Pervasive moderate to strong epidote alteration, fewer calcite, feldspar and chlorite amygdules 55.95-73.9		34845 34846	51.85 53.85	53.85 55.95	2.00 2.10	298 20	< 5 10	< 0.2 <0.2

NIKOS EXPLORATIONS LTD	DIAMOND DRILL LOG	Property: COPPERCORP	Township: RYAN	Claim:	Hole No. CP-05-08	Page 2 of 4

Depth		Rock Type	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To			Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
73.9	82.1	6b,a	Greenish, grey, medium grain basalt. Tiny chlorite/zeolite amygdules of irregular shape. Gradual contact with the upper flow (grain size reduction). 74.15m 2cm quartz, calcite, zeolite veinlet @25 d.c.a. Calcite filled hairline fractures at 40 d.c.a. 76.3m 10 cm barren quartz, calcite, K-feldspar vein @15 d.c.a. @80.1m fracture @15 d.c.a. Lower contact @ 65 d.c.a.	V 25 F 40 V 15 F 15 C 65	34847 34848 34849 34850 34851	76.0 77.0 79.0 80.5 Stand.	77.0 79.0 80.5 82.1 17 Pb	1.00 2.00 1.50 1.60	432 116 83 136 80	10 < 5 < 5 < 5 2390	0.6 < 0.2 < 0.2 < 0.2 0.5
82.1	85.55	6b	Fine grain, brownish-grey, amygdaloidal flow. Abundant calcite amygdules Patchy epidote alteration. 5 cm quartz, calcite and epidote vein 284.0m @ 30 d.c.a. and few quartz, epidote, zeolite veinlets @ 70 d.c.a.	V 30 V 70	34852 34853	82.1 83.6	83.6 85.0	1.50 1.40	82 54	< 5 < 5	< 0.2 < 0.2
85.55	88.25	6b,a	Fine to medium grain basalt with odd calcite, epidote amygdules. Calcite, zeolite veinlets 250 d.c.a. Fine to coarse disseminated FeO	V 50	34854 34855	85.0 86.5	86.5 88.0	1.50 1.50	33 60	15 < 5	< 0.2 < 0.2
88.25	88.45	vbx	20 cm veinbreccia with angular basaltic clasts ina calcite, zeolite matrix. Sharp contacts @50 d.c.a.	V 50	34856	88.0	88.5	0.50	759	< 5	1.1
88.45	**93.5**	6b,a	Medium to fine grain, grey basalt. Odd quartz, calcite amygdule. Fracture filling epidote, zeolite veinlets. Epidote altered plagioclase phyric.								
93.5	98.15	6b	Fine grain, brownish-grey, amygdaloidal flow. Abundant calcite amygdules, few epidote amygdules. Patchy, moderate epidote alteration, Small green zeolite amygdules.								
98.15	100.45	6a,b	Medium grain, grey basalt. Few epidote, calcite amygdules. @98.7m 2cm calcite vein @ 40 d.c.a.	V 40							
100.45	105.4	6b	Medium to coarse grain, brownish amygdaloidal flow. Calcite, epidote, feldspar, chlorite amygdules. Odd quartz vein @ 80 d.c.a. 105.2-105.3m 10 cm calcite vein @ 50 d.c.a.	V 50							
105.4	105.7	vbx	5cm quartz, calcite, feldspar vein breccia with blebs of chalcocite and fracture filling mm size chalcocite veinlets from 105.4-105.5m. 105.6-105.7m veinbreccia		34857	105.1	105.8	0.7	9660	10	1.2

NIKOS EXPLORATIONS LTD	DIAMOND DRILL LOG	Property: COPPERCORP	Township: RYAN	Claim:	Hole No. CP-05-08	Page 3 of 4

Depth		Rock Type	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To			Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
105.7	106.8	6b	Light brown coarse basaltic flow. Large calcite amygdules with chloritic rims.								
106.8	131.3	6b	Coarse amygdaloidal flow. Large chlorite, agate amygdules. Pervasive, moderate epidote alteration. Odd quartz, calcite, epidote veins with specks of chalcocite @ 113.0m and 116.4m 2-3cm wide veins at 30 d.c.a.	V 30	34858 34859 34860 34861 34862 34863	112.7 113.1 114.55 116.3 117.7 129.6	113.1 114.55 116.3 117.7 119.0 131.3	0.40 1.45 1.75 1.40 1.30 1.70	15300 211 211 2790 2140 141	10 < 5 < 5 5 < 5 5	0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2
131.3	134.35	6b,g	Coarse basaltic flow with strong calcite, feldspar veining. Network of fracture filling calcite, feldspar veinlets. 5 cm size vbx at the lower contact @50 d.c.a. hematitic matrix with epidote clasts and calcite veinlets. Pervasive specularite in the groundmass. 133.6-133.8 broken/lost core.	C 30 C 50 V 50	34864 34865	131.3 132.5	132.5 134.35	1.20 1.85	92 47	< 5 < 5	< 0.2 < 0.2
134.35	143.7	6b	Brownish-grey, fine grain, amygdaloidal basalt. Patches of strong epidote alteration from 135.0m to 137.5m. Epidote and calcite veinlets. Abundant calcite amygdules down to 140.2m. Fewer chlorite, calcite and quartz amygdules from 140.2 to 143.6m. @ 143.6m a 10 cm barren calcite vein @ 85 d.c.a.	V 85	34866 34867 34868	134.35 136.35 143.5	136.35 138.35 144.0	2.00 2.00 0.50	88 229 206	< 5 < 5 < 5	< 0.2 < 0.2 < 0.2
143.7	145.5	6a	Fine grain, grey massive basalt. Moderate fracturing. Fracture filling talc, hematite veinlets.		34869 34870	144.0 BLANK	146.0	2.00	417 63	< 5 < 5	< 0.2 < 0.2
145.5	150.8	6b	Fine grain, greenish-grey amygdaloidal basalt. Calcite, chlorite amygdules. 2cm thick calcite veins @50 d.c.a. Tiny specks of native copper in the calcite veins. Lower contact sharp at 85 d.c.a	V 50 C 85	34871 34872 34873	146.0 148.0 149.0	148.0 149.0 150.8	2.00 1.00 1.80	159 117 199	< 5 < 5 5	< 0.2 < 0.2 < 0.2
150.8	154.5	6b,a	Fine grain, greenish-grey basalt. Moderate fracturing. Calcite, talc fracture filling veinlets. Specks of native copper in calcite veinlets @ 154.2m		34874 34875	150.8 152.8	152.8 154.5	2.00 1.70	476 635	< 5 < 5	< 0.2 < 0.2
154.5	160.55	7a	Polymigt conglomerate with clasts of granit, gneiss and basalt. Hematite, calcite rich matrix. 20 cm calcite vein at the upper contact at 50 d.c.a. Lower contact sharp at 50 d.c.a.	C 50	34876 34877 34878	154.5 156.5 158.5	156.5 158.5 160.55	2.00 2.00 2.05	57 248 2080	< 5 < 5 10	< 0.2 < 0.2 < 0.2
160.55	161.05	vbx	Veinbreccia with a hematite stained calcite and silica matrix with blebs of native copper. Both contacts sharp @50 d.c.a.	C 50	34879 34880	160.55 BLANK	161.05	0.50	904 28	< 5 < 5	4.2 < 0.2

NIKOS EXPLORATIONS LTD	DIAMOND DRILL LOG	Property: COPPERCORP	Township: RYAN	Claim:	Hole No. CP-05-08	Page 4 of 4

Depth		Rock Type	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To			Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
161.05	163.55	7a	Strongly altered polymigt conglomerate with specks of chalcocite, malachite stains and spekularite.		34881	161.05	163.55	2.50	4610	5	0.3
163.55	165.3	vbx	Mixture of strong epidote altered light beige coloured basaltic clasts in a vuggy silica matrix with calcite veins and chalcocite and malachite in the voids. Specks and veinlets of chalcocite throughout. Sharp lower contact @ 60 d.c.a.	C 60	34882 34883	163.55 BLANK	165.3	1.75	10300 48	10 < 5	1.8 < 0.2
165.3	176.55	6b	Fine grain, grey amygdaloidal basalt. Calcite chlorite amygdules. Moderate fracturing. Quartz, calcite filled hairline fractures. Specks of chalcocite in calcite veinlets. Locally magnetic.		34884 34885 34886 34887 34888 34889	165.3 167.3 169.3 171.3 173.3 175.3	167.3 169.3 171.3 173.3 175.3 176.55	2.00 2.00 2.00 2.00 2.00 1.25	2400 669 2210 529 1730 4520	< 5 < 5 < 5 < 5 < 5 < 5	< 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2
176.55	193.9	6a	Fine grain, grey massive basalt. Magnetic. Calcite, quartz, epidote fracture filling veinlets with specks of chalcocite. 187.65-188.55m veinlets of chalcocite associated with calcite veinlets in a brecciated basalt with a calcite matrix.		34890 34891 34892 34893 34894 34895 34896 34897 34898 34899	Stand. 176.55 178.55 180.55 182.55 184.55 186.55 187.65 188.55 191.0	51 P 178.55 180.55 182.55 184.55 186.55 187.65 188.55 191.0 193.0	 2.00 2.00 2.00 2.00 2.00 1.10 0.90 2.45 2.00	7160 281 433 580 381 909 549 8360 2060 218	400 < 5 20 < 5 < 5 < 5 < 5 45 < 5 < 5	2.0 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 9.8 < 0.2 < 0.2
193.9	195.0	Vein	3 cm calcite vein @ 10 d.c.a. in a fine grain altered basalt	V 10	34900	193.0	195.0	2.00	658	< 5	< 0.2
195.0	195.5	6b	Calcite , zeolite amygdules/spherules in a fine grain grey basalt.								
195.5	196.0	vbx	Basaltic clasts in a carbonate matrix and carbonate clasts ina hematite rich matrix. Upper contact @ 25 d.c.a. Broken core at lower contact.	V 25	34901	195.0	197.2	2.20	881	10	1.3
196.0	197.2	6a	Brecciated , fine grain, grayish-brown basalt. Calcite veining. Lost core at 196.6m and 197m.								
197.2	200.0	6b	Fine grain, grey, amygdaloidal basalt. Calcite, chlorite, zeolite amygdules. Odd calcite veinlets. 200.0m E.O.H.								

NIKOS EXPLORATIONS LTD			DIAMOND DRILL LOG	Property: COPPERCORP	Township: RYAN	Claim:		Hole No. CP-05-09		Page 1/3	
Drilled By: Denis Crites Diamond Drilling			UTM X:	UTM Y:	Elevation:		Azimuth: 240 °	Inclination: - 45		Dip Test	
Start Date:			Completed:	Date Logged:	Logged By: A. Peshkepia			TD: 200.0m			

Depth		Rock Type	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To			Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
0.0	0.7	O.B.	Overburden								
0.7	4.7	6b	Fine grain, grey amygdaloidal basalt. Chlorite, zeolite, K-feldspar amygdules.								
4.7	6.0	6b	Amygdaloidal basalt. Epidote, calcite amygdules in a fine grain, grey groundmass. Hematite filled amygdules near both contacts. Lower contact at 50 d.c.a.	C 50	34902	4.7	6.0	1.30	604	3	<0.2
6.0	8.4	6b	Fine grain, grey amygdaloidal flow. Calcite, k-feldspar, quartz, zeolite amygdules.		34903 34904	6.0 7.2	7.2 8.4	1.20 1.20	370 129	3 3	<0.2 <0.2
8.4	10.6	6b	Amygdaloidal basalt. Calcite, quartz, zeolite amygdules ina fine grain, grey matrix.		34905	8.4	10.6	2.20	275	3	<0.2
10.6	15.3	6b	Amygdaloidal flow. Pervasive, green zeolite amygdules. Minor FeO filled amygdules. Pervasive oxidized specularite.								
15.3	36.0	6b,g	Coarse grain, amygdaloidal flow. Pervasive moderate epidote alteration. Epidote, K-feldspar, calcite, chlorite amygdules. Fine grain, disseminated specularite in the groundmass.		34906 34907 34908	18.1 20.1 22.1	20.1 22.1 24.1	2.00 2.00 2.00	275 190 261	3 3 5	<0.2 <0.2 <0.2
36.0	39.05	6b	Fine grain, greenish grey, amygdaloidal basalt. Calcite, zeolite, epidote amygdules. Odd calcite veinlets at 60 d.c.a. and 70 d.c.a. 36.6-37.6m Finely disseminated chalcocite in a flow top breccia. Upper contact at 30 d.c.a. 38.6-39.05m Specks of chalcocite at 39.0m	V 60 V 70 C 30	34909 34910	36.0 38.1	38.1 39.05	2.10 0.95	417 8870	4 3	<0.2 <0.2
39.05	59.5	6b,g	Coarse amygdaloidal flow. Chlorite, epidote, calcite, K-feldspar amygdules in a pervasively epidote altered groundmass. Patchy reddish-brown hematite alteration near the lower contact.		34911 34912	39.05 BLANK	41.0	1.95	223 34	3 3	<0.2 <0.2
59.5	61.9	6b	Grey, amygdaloidal basalt. Predominantly epidote amygdules plus minor calcite and green zeolite filled amygdules. Contact at 40d.c.a.	C 40							
61.9	88.55	6b,g	Coarse basaltic flow. Pervasive, weak to moderate epidote alteration. Reddish and patchy hematite alteration. Calcite, epidote, quartz and K-feldspar amygdules of irregular shape replaced by chlorite amygdules in the lower half of the section. Odd calcite veinlets at 25-35 d.c.a.	V 25-35	34913 34914 34915 34916 34917	69.0 71.0 73.0 75.0 77.0	71.0 73.0 75.0 77.0 79.0	2.00 2.00 2.00 2.00 2.00	98 114 132 93 96	3 3 3 5 3	<0.2 <0.2 <0.2 <0.2 <0.2

NIKOS EXPLORATIONS LTD	DIAMOND DRILL LOG	Property: COPPERCORP	Township: RYAN	Claim:	Hole No. CP-05-09	Page 2/3

Depth		Rock Type	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To			Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
88.55	**96.0**	6a,b	Fine grain, reddish-brown to grey, massive basalt. Gradual upper contact by grain size reduction. Lower contact sharp at 20 d.c.a. Well fractured. Patchy epidote and hematite alteration. Hairline fracture filling calcite and/or epidote veinlets. Specks of chalcocite in a calcite veinlet at 92.0m		34918	90.0	91.0	1.00	243	<5	<0.2
				C 20	34919	91.0	92.0	1.00	442	9	<0.2
					34920	92.0	93.1	1.10	209	<5	<0.2
					34921	93.1	94.2	1.10	180	<5	<0.2
					34922	94.2	96.0	1.80	255	<5	<0.2
96.0	97.3	6b	Grey, amygdaloidal basalt. Calcite, epidote, zeolite amygdules.		34923	96.0	97.3	1.30	147	3	-0.2
97.3	98.65	6b,a	Fine grain, grey basalt. Large (~5cm) calcite amygdules near both contacts.	C 50	34924	97.3	98.65	1.35	83	3	-0.2
98.65	101.1	6b	Amygdaloidal flow. Calcite, epidote, zeolite amygdules and patchy epidote alteration.		34925	98.65	100.0	1.35	46	3	-0.2
					34926	100.0	101.1	1.10	44	6	-0.2
101.1	101.55	6b,a	Fine grain, grey massive basalt with few large calcite, epidote amygdules near the contacts.		34927	101.1	101.55	0.45	62	8	-0.2
101.55	105.5	6b	Brownish-grey, amygdaloidal basalt. Small epidote and zeolite amygdules in the upper half of the section and Large calcite amygdules in the lower half of the section. Patchy epidote alteration.		34928	101.55	103.0	1.45	29	3	-0.2
					34929	103.0	104.4	1.40	24	4	-0.2
					34930	Stand.	17 Pb		83	2450	0.6
					34931	104.4	105.5	1.10	28	3	-0.2
105.5	135.5	6b,g	Coarse basaltic flow with pervasive and patchy epidote alteration. Calcite, feldspar, epidote and chlorite amygdules concentrated in the first 5 meters.		34932	119.8	121.8	2.00	1089	3	1.0
					34933	121.8	123.0	1.20	7368	3	0.4
					34934	123.0	125.0	2.00	113	3	-0.2
			121.8-123m calcite veinlets with specks of chalcocite at 60 d.c.a.	V 60							
135.5	145.5	6b	Amygdaloidal basalt. Abundant calcite amygdules.		34935	135.5	136.5	1.00	124	5	-0.2
			136.5-138.5m a few calcite veinlets with specks of chalcocite.		34936	136.5	137.5	1.00	665	3	-0.2
			140-145.5m coarse grained flow, epidote altered with larger calcite, epidote amygdules.		34937	137.5	138.5	1.00	2297	5	-0.2
					34938	138.5	140.0	1.50	4486	3	0.3
					34939	140.0	142.0	2.00	335	4	-0.2
145.5	154.55	6b,g	Coarse basaltic flow with pervasive epidote alteration and fine ly disseminated specularite. Odd, large agate amygdule. Few scattered calcite, epidote veinlets at 40 d.c.a.	V 40							
154.55	158.2	6b	Grey amygdaloidal flow. Abundant calcite, epidote, K-feldspar amygdules. Patches of strong epidote alteration.		34940	154.55	155.85	1.30	41	3	-0.2
					34941	155.85	157.15	1.30	42	3	1.4
158.2	173.1	6b,g	Vuggy epidote filled amygdules and odd quartz, agate amygdules in a coarse basaltic flow. Chlorite amygdules of irregular shape. Disseminated specularite.		34942	167.0	168.25	1.25	481	3	-0.2
					34943	168.25	168.75	0.50	15662	3	0.3
					34944	168.75	170.0	1.25	332	3	-0.2
			Calcite and epidote veinlets with specks of chalcocite at 168.25m, 171.7m and 173.0m.		34945	170.0	171.5	1.50	148	3	-0.2
					34946	171.5	173.0	1.50	533	3	-0.2

NIKOS EXPLORATIONS LTD			DIAMOND DRILL LOG	Property: COPPERCORP	Township: RYAN	Claim:		Hole No. CP-05-09	Page 3/3		
Depth		Rock Type	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To			Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
173.1	179.0	6g,b	Coarse, amygdaloidal basalt. Pervasive epidote alteration. Disseminated specularite. Patchy hematite alteration.								
179.0	188.5	6g,b	Greyish-green, coarse amygdaloidal basalt. Dissemiated coarse specularite. 183.5-184.0m quartz, epidote, calcite veinlets with specks of chalcociteand veinlets of chalcocite. 184.0m 5cm calcite, hematite, zeolite vein at 50 d.c.a. Scattered odd calcite, quartz amygdules and abundant tiny chlorite amygdules.		34947 34948 34949	181.5 183.5 184.0	183.5 184.0 186.0	2.00 0.50 2.00	313 8779 139	3 3 3	-0.2 -0.2 -0.2
188.5	197.45	6b	Fine grain, light grey amygdaloidal basalt. Abundant calcite amygdules at 188.5-191.0m. 191.0-197.45m chlorite, quartz, zeolite amygdules and odd large agate amygdules. Well fractured and veined from 192.9-199.7m. Specks of chalcocite in hairline fracture filling veinlets.		34950 34951 34952 34953 34954	192.75 193.75 194.75 195.75 196.75	193.75 194.75 195.75 196.75 197.45	1.00 1.00 1.00 1.00 0.70	1632 793 22 13 31	3 3 3 3 3	0.2 0.2 -0.2 -0.2 0.2
197.45	197.65	vbx	20 cm veivbreccia with quartz, calcite and silica at 90 d.c.a.	V 90	34955	197.45	198.35	0.90	422	3	0.6
197.65	200.0	6a,b	Fine grain, dark grey basalt. Rare chlorite and k-feldspar amygdules. 197.85-198.35m calcite, zeolite, hematite cm size veins at 90 d.c.a.	V 90	34956	198.35	200.0	1.65	49	3	-0.2

NIKOS EXPLORATIONS LTD			DIAMOND DRILL LOG	Property: COPPERCORP	Township: RYAN		Claim:		Hole No. CP-05-10		Page 1/3	
Drilled By:			UTM X:	UTM Y:	Elevation:		Azimuth: 240 °		Inclination: - 45		Dip Test	
Start Date:			Completed:	Date Logged:	Logged By: A. Peshkepia				TD: 218.0m			

Depth		Rock Type	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To			Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
0.0	3.0	O.B.	Casing								
3.0	8.2	6b	Light brown, medium grain amygdaloidal basalt. Epidote, chlorite amygdules. Well fractured.								
8.2	18.1	6b,a	Light brown, fine grain, massive basalt. Odd calcite, chlorite amygdules. Finely disseminated specularite. Lower contact at 20 d.c.a. Chlorite amygdules near the contact	C 20							
18.1	40.8	6b	Reddish-brown, yellowish-brown, amygdaloidal basalt. Calcite, epidote, quartz amygdules. Calcite and epidote veins in the first three metres of the section. Patches of strong epidote alteration. Finely disseminated specularite in the groundmass. Chlorite amygdules at 22.5m 20-26m patches of strong epidote alteration. 37.8-38.8m patches of strong epidote alteration.		34957 34958 34959 34960 34961	18.1 20.1 22.1 Stand. 37.8	20.1 22.1 24.1 51 P 38.8	2.00 2.00 2.00 1.00	73 118 139 7344 115	-5 -5 -5 430 -5	-0.2 -0.2 -0.2 -0.2 -0.2
40.8	50.1	6a,b	Fine to medium grain, grey massive basalt. Odd quartz, calcite amygdule. Pervasive fine grain specularite. Few epidote and chlorite amygdules.								
50.1	56.4	6b	Fine grain, grey, amygdaloidal basalt. Abundant calcite amygdules, less epidote and chlorite amygdules. Patches of strong epidote alteration. Lost core 54.2-54.7m. Large amoeboid calcite and K –feldspar amygdules.		34962 34963 34964 34965	50.1 51.7 53.2 54.8	51.7 53.2 54.8 56.7	1.60 1.50 1.60 1.90	107 171 164 144	-5 -5 -5 16	-0.2 -0.2 -0.2 -0.2
56.4	72.8	6b	Brownish-grey, amygdaloidal basalt. Chlorite amygdules partially replacing calcite amygdules. Odd large quartz, K feldspar amygdules. Fine grain disseminated specularite in groundmass. Weakly magnetic		34966	56.7	58.7	2.00	Geoch.		
72.8	78.9	6a,b	Fine grain, grey, massive basalt. Moderately magnetic. Odd quartz amygdule. Fracture filling quartz, calcite veinlets. 77.9-78.9m broken core. 78.6-78.9m calcite, hematite, silica filled amygdules near the contact with the conglomerate below. Sharp contact at 30 d.c.a.	C 30	34967 34968 34969	74.0 76.0 77.2	76.0 77.2 78.9	2.00 1.20 1.70	272 595 699	-5 -5 -5	-0.2 -0.2 -0.2
78.9	117.3	7a	Polymigt conglomerate with basalt, gneiss and granite clasts in a calcite rich matrix. 91.85-91.95m 10 cm quartz vein with minor specks of chalcocite at 20 d.c.a.	V 20	34970 34971 34972 34973	78.9 89.8 91.8 92.0	80.9 91.8 92.0 94.0	2.00 2.00 0.20 2.00	111 105 1556 96	-5 -5 5 -5	-0.2 -0.2 2.8 -0.2

			1-2cm calcite and zeolite veinlets		34974	109.35	111.35	2.00	583	-5	0.4
			108.8-117.3 hematite replaces calcite in the matrix.		34975	111.35	113.35	2.00	660	-5	-0.2
					34976	113.35	115.35	2.00	223	5	0.2
					34977	115.35	117.35	2.00	595	-5	-0.2
117.3	121.1	7b	Bedded sediment. Sandstone interbedded with hematite rich	C 15	34978	117.35	119.1	1.75	25	5	-0.2
			mudstone. Contact with conglomerate at 15 d.c.a. Bedding at 15	B 15	34979	119.1	121.1	2.00	35	15	-0.2
			d.c.a.		34980	BLANK			29	-5	-0.2
			119.0-119.1m lost core.	C 20							
			Lower contact at 20 d.c.a.								
121.1	130.1	6b	Fine grain, grey amygdaloidal basalt. Abundant calcite, zeolite		34981	121.1	122.1	1.00	58	10	<0.2
			and quartz amygdules. Finely disseminated specularite in the		34982	122.1	123.1	1.00	224	10	<0.2
			groundmass. Specks of chalcocite in zeolite and K-feldspar		34983	123.1	124.1	1.00	107	5	<0.2
			amygdules. Specks of native copper in calcite amygdules.		34984	124.1	125.1	1.00	386	35	<0.2
					34985	125.1	126.1	1.00	223	6	<0.2
					34986	126.1	127.1	1.00	166	5	<0.2
					34987	127.1	128.1	1.00	397	10	<0.2
					34988	128.1	130.1	2.00	250	5	<0.2
130.1	**137.9**	6b	Fine grain, grey amygdaloidal basalt. Abundant zeolite		34989	130.1	132.1	2.00	186	35	<0.2
			amygdules, few large calcite amygdules. Finely disseminated		34990	132.1	134.1	2.00	42	5	<0.2
			specularite. Weakly magnetic.		34991	134.1	136.1	2.00	162	5	<0.2
					34992	136.1	137.9	1.80	238	10	<0.2
137.9	146.1	6b	Amygdaloidal flow. Abundant large calcite amygdules mixed		34993	137.9	139.9	2.00	450	5	<0.2
			with small green zeolite amygdules. Patches of dark brown FeO		34994	139.9	141.9	2.00	194	5	<0.2
			and disseminated fine grain specularite.		34995	141.9	142.9	1.00	270	4	<0.2
					34996	142.9	144.9	2.00	315	10	<0.2
					34997	144.9	146.1	1.20	245	10	<0.2
146.1	153.9	6b	Fine grain, grey amygdaloidal basalt. Chlorite, zeolite and		34998	146.1	148.1	2.00	364	10	<0.2
			calcite amygdules.		34999	148.1	150.1	2.00	175	10	<0.2
			152.0-152.7m calcite filled hairline fractures with specks of		35000	Stand.	17Pb		84	2590	0.5
			chalcocite.		34476	150.1	152.0	1.90	50	5	<0.2
					34477	152.0	152.7	0.70	3992	<5	0.3
					34478	152.7	153.9	1.20	65	<5	<0.2
153.9	156.4	6b	Fine grain, grayish-green amygdaloidal basalt. Calcite, zeolite		34479	153.9	154.4	0.50	139	10	<0.2
			filled amygdules.		34480	154.4	156.4	2.00	289	4	<0.2
			153.9-154.4m 2cm calcite, quartz, epidote, hematite vein sub								
			parallel to core axis.								
156.4	168.35	6b,g	Coarse grain, amygdaloidal flow. Calcite, chlorite, hematite filled		34481	156.4	158.4	2.00	204	4	<0.2
			amygdules. Patches of hematite alteration.		34482	158.4	160.4	2.00	172	<5	<0.2
			156.35-156.45m brown, silica, hematite vein at 60 d.c.a.	V 60	34483	160.4	162.4	2.00	58	<5	<0.2
			Abundant specularite disseminated in the groundmass.		34484	162.4	164.4	2.00	217	5	<0.2
					34485	164.4	166.4	2.00	147	5	<0.2
					34486	166.4	168.35	1.95	299	5	<0.2
168.35	190.55	6b	Fine grain, grey amygdaloidal basalt. Calcite, zeolite, chlorite	V 35	34487	168.35	169.3	0.95	1807	5	<0.2
			amygdules. Patches of hematite alteration. Few calcite, epidote,	V 50	34488	169.3	171.3	2.00	46	<5	<0.2

			quartz veinlets at 35, 50 and 80 d.c.a. Calcite and hematite healed fractures sub parallel to core axis. Specks of chalcocite 179.3-180.95m and at 184.9m calcite veinlets with specks of chalcocite. Lower contact at 90 d.c.a.	V 80 C 90	34489 34490 34491 34492 34493 34494 34495 34496 34497 34498 34499 34500	171.3 BLANK 173.3 175.3 177.3 179.3 180.95 182.95 184.15 186.15 188.15 189.35	173.3 175.3 177.3 179.3 180.95 182.95 184.15 186.15 188.15 189.35 190.55	2.00 2.00 2.00 2.00 1.65 2.00 1.20 2.00 2.00 1.20 1.20	35 20 212 276 250 424 205 194 126 48 30 169	<5 <5 4 5 <5 <5 <5 <5 5 <5 5 <5	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2
190.55	191.65	6b	Fine grain, grey, amygdaloidal basalt. Patches of fine grain brown hematite. Calcite, zeolite, chlorite amygdules. Fine grain disseminated specularite. Specks of chalcocite.		20201	190.55	192.0	1.45	1410	<5	1.3
191.65	192.35	vbx	Veinbreccia. Quartz, calcite, epidote in silicified hematite rich matrix. Clasts of amygdaloidal basalt. Blebs of bornite and chalcocite. Upper contact at 30 d.c.a. Lower contact charp at 60 d.c.a. U	C 30 C 60	20202	192.0	192.50	0.50	12000	15	9.9
192.35	194.90	6b	Fine grain, light grey, amygdaloidal flow. Calcite, quartz, k-feldsapr rimed amygdules. Well fractured. Quartz, calcite veining at 70 d.c.a. Fine grain specularite. 193.15-194.9m plagioclase phyric flow.	 V 70	20203 20204	192.5 193.7	193.7 194.9	1.20 1.20	2029 1217	<5 <5	0.6 <0.2
194.9	195.5	Calc. vein	60cm calcite vein with quartz, zeolite, hematite at the lower contact. Upper contact at 90 d.c.a. Hematite filled fractures.Lower contact 50 d.c.a.	C 90 C 50	20205	194.9	195.5	0.60	25	5	<0.2
195.5	197.0	6b	Fine grain, grey amygdaloidal basalt. Calcite amygdules. Quartz, calcite veining. Zeolite veinlets and amygdules. Disseminated specularite.		20206	195.5	197.0	1.50	338	5	0.3
197.0	200.15	vbx	Dense calcite, quartz and minor hematite and chert veins through altered amygdaloidal basalt clasts. 199.0-199.5m blebs of chalcocite, specks of native silver. Contact 80 d.c.a	 C 80	20207 20208 20209 20210 20211	197.0 198.0 199.0 BLANK 199.5	198.0 199.0 199.5 200.15	1.00 1.00 0.50 0.65	61 54 3919 50 228	<5 <5 10 <5 5	<0.2 <0.2 32.1 <0.2 1.6
200.15	210.5	6b	Medium grain, amygdaloidal basalt. Plagioclase phyric. Calcite, quartz, chert amygdules. Small zeolite amygdules. Well veined. Quartz, calcite filled hairline fractures. Quartz, calcite, hematite veins at 60 d.c.a. Disseminated specularite in the groundmass. Lower contact at 10 d.c.a. Flaky hematite 5-10mm along the contact. Faulted?		20212 20213 20214 20215 20216 20217 20218	200.15 201.15 203.0 204.5 206.0 207.5 209.0	201.15 203.0 204.5 206.0 207.5 209.0 210.5	1.00 1.85 1.50 1.50 1.50 1.50 1.50	198 364 456 328 716 575 135	10 10 10 10 25 5 <5	<0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2
210.5	218.0	6b	Fine grain, grey, well fractured amygdaloidal flow. Calcite, zeolite amygdules. Calcite filled fractures at shallow angles to core axis.		20219 20220 20221	210.5 212.0 213.5	212.0 213.5 215.0	1.50 1.50 1.50	296 248 78	<5 15 <5	<0.2 1.4 <0.2

			218.0m E.O.H.		20222 20223	215.0 216.5	216.5 218.0	1.50 1.50	76 202	96 5	<0.2 <0.2

	NIKOS EXPLORATIONS LTD DIAMOND DRILL LOG	Property: COPPERCORP	Township: RYAN	Claim:	Hole No. CP-05-11	Page
Drilled By:	UTM X:	UTM Y:	Elevation:	Azimuth: 240 °	Inclination: -45	Dip Test	Map Ref:
Start Date:	Completed:	Date Logged:	Logged By: A. Peshkepia		TD: 179		

Depth From	Depth To	Rock Type	Graphic Log	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature Angle	Sample No.	Depth from	Depth to	Length metres	Assay Cu (ppm)	Assay Au (ppb)	Assay Ag (ppm)
0.0	0.65	O.B.		Casing								
0.65	16.85	6b,g		Coarse grain, plagioclase phyric basalt. Calcite, chlorite, FeO amygdules. Well fractured. Fracture filling quartz, calcite, talc veinlets. K-feldspar and hematite veinlets. Finely disseminated specular hematite.		20224	4.0	6.0	2.00	149	< 5	< 0.2
						20225	6.0	8.0	2.00	172	< 5	< 0.2
						20226	8.0	10.0	2.00	138	< 5	< 0.2
						20227	10.0	12.0	2.00	99	6	< 0.2
						20228	12.0	14.0	2.00	90	5	< 0.2
						20229	14.0	15.1	1.10	101	< 5	< 0.2
						20230	Stand.	51 P		7090	430	2.1
						20231	15.1	16.6	1.50	188	< 5	< 0.2
16.85	17.1	vbx		25 cm thick vein breccia. Quartz, calcite, hematite rich matrix with angular clasts of amygdaloidal basalt. Sharp contacts at 60 d.c.a. No visible mineralization.	V 60	20232	16.6	17.1	0.50	294	15	< 0.2
17.1	18.1	6b		Fine grain, grey amygdaloidal basalt. Calcite amygdules. Calcite filled hairline fractures.		20233	17.1	18.1	1.00	305	< 5	< 0.2
18.1	20.35	6b		Fine grain, light brown amygdaloidal basalt. Chlorite amygdules. Well veined. Abundant calcite veinlets. Flow top breccia from 18.1-18.5m Few calcite amygdules.		20234	18.1	19.1	1.00	90	< 5	< 0.2
						20235	19.1	20.35	1.25	75	< 5	< 0.2
20.35	20.85	vbx		Barren vein breccia. Vuggy quartz, calcite. Sharp contacts at 20 d.c.a.	V 20	20236	20.35	20.85	0.50	536	< 5	< 0.2
20.85	23.45	6b		Medium grain, light brown amygdaloidal basalt. Chlorite, calcite, epidote and quartz amygdules. Well fractured. Cross-cutting veinlets of quartz, calcite and k-feldspar. Vuggy quartz veinlets at 40 d.c.a.	V 20	20237	20.85	22.25	1.40	124	< 5	< 0.2
					V 40	20238	22.25	23.45	1.20	176	< 5	< 0.2
23.45	28.55	8a		Reddish-brown flow banded felsic dyke. Hematite and epidote altered. 23.45-24.45m strong epidote and silica alteration and calcite healed fracturing. Flow banding at 70 d.c.a. Upper contact at 90 d.c.a. Lower contact at 70 d.c.a. Distorted bands, minor breccia near the lower contact with the basalt at 30 d.c.a.	UC 90	20239	23.45	24.45	1.00	261	26	0.9
					LC 70	20240	24.45	25.45	1.00	77	< 2	1.2
						20241	25.45	27.0	1.55	87	< 2	0.9
						20242	27.0	28.05	1.05	71	< 2	1.1
						20243	28.05	28.55	0.50	111	< 2	1.1
28.55	30.35	6b,g		Medium to coarse grain grayish-brown amygdaloidal basalt. Chlorite, calcite, epidote amygdules. Coarse specular hematite.		20244	28.55	30.35	1.80	138	< 5	< 0.2
30.35	43.9	6b,g		Coarse amygdaloidal basalt. 30.35-32.0m well fractured, veined. Hairline calcite veinlets. Epidote, calcite, chlorite amygdules.		20245	30.35	32.0	1.65	133	< 5	< 0.2
						20246	32.0	33.5	1.50	81	< 5	< 0.2
						20247	33.5	35.0	1.50	92	< 5	< 0.2
				41.0-41.1m 10 cm quartz, calcite vein at 40 d.c.a.	V 40	20248	35.0	36.5	1.50	80	< 5	< 0.2
						20249	36.5	38.0	1.50	91	< 5	< 0.2
						20250	BLANK			29	< 5	< 0.2

						20251 20252 20253 20254 20255	38.0 39.5 41.0 41.4 42.9	39.5 41.0 41.4 42.9 43.9	1.50 1.50 0.40 1.50 1.00	75 79 456 112 190	< 5 < 5 < 5 < 5 < 5	< 0.2 < 0.2 < 0.2 < 0.2 < 0.2
43.9	44.3	vbx		Barren, quartz, calcite, hematite vein breccia with clasts of amygdaloidal basalt. Contacts at 65 and 55 d.c.a.	C 65 C 55	20256	43.9	44.4	0.50	108	< 5	0.8
44.3	**48.45**	6b		Medium grain, greenish-brownish amygdaloidal basalt. Well veined and altered. Disseminate pyrite in the veins and in the groundmass. Coarse specular hematite. Vuggy K-feldspar amygdules. Calcite and zeolite amygdules. Calcite veins at 50 d.c.a.	V 50	20257 20258 20259 20260 20261	**44.4** BLANK 45.4 46.4 47.45	45.4 46.4 47.45 48.45	1.00 1.00 1.05 1.00	418 14 277 198 100	5 < 5 5 < 5 < 5	< 0.2 < 0.2 < 0.2 < 0.2 < 0.2
48.45	49.2	vbx		Vein breccia with silica quartz and carbonate in the matrix. Hematite and k-feldspar. Contacts at 90 d.c.a. No visible sulfide mineralization	V 90	20262	48.45	49.2	0.75	851	20	0.3
49.2	57.4	6b		Fine grain, greenish-grey amygdaloidal basalt. Chlorite, calcite amygdules. Well fractured with talc on fracture faces. Specks of chalcocite at 49.5m. Rusty patches. Disseminated fine grain specular hematite. Quartz, calcite veinlets at 70 d.c.a.	V 70	20263 20264 20265 20266 20267 20268	49.2 50.2 51.7 53.2 54.7 56.2	50.2 51.7 53.2 54.7 56.2 57.4	1.00 1.50 1.50 1.50 1.50 1.20	519 71 39 61 78 75	< 5 < 5 < 5 < 5 < 5 < 5	< 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2
57.4	97.2	6b,g		Coarse amygdaloidal flow. Few calcite veinlets, epidote patches. Chlorite, calcite, epidote amygdules. Fine grain specular hematite in the groundmass. Malachite stains at a fracture face at 66.5m. Pervasive weak to moderate epidote alteration. Odd quartz, calcite veinelets at 60 d.c.a. Patches of hematite alteration. A 10 cm veinbreccia at the lower contact at 55 d.c.a	V 60 C 55	20269 20270 20271 20272 20273	57.4 Stand. 59.4 61.4 66.1	59.4 17 Pb 61.4 63.4 66.6	2.00 2.00 2.00 0.50	56 72 33 88 50	< 5 2740 < 5 5 5	< 0.2 0.6 < 0.2 < 0.2 < 0.2
97.2	113.0	6a,b		Fine grain massive basalt. Small chlorite amygdules. Odd large quartz, calcite amygdules. Patches of epidote and hematite alteration. 101.5-105.3m well fractured, quartz, calcite veinlets at 30 d.c.a. Fracture healing quartz, calcite veinlets. 109.9-110.0m lost, broken core. 10 cm quartz, calcite, hematite vein breccia at 105.3m	V 30	20274 20275 20276	97.2 103.0 104.5	98.2 104.5 105.5	1.00 1.50 1.00	50 66 40	< 5 < 5 < 5	< 0.2 < 0.2 < 0.2
113.0	118.4	6a,b		Fine grain, grey massive basalt. Tiny chlorite amygdules. Odd large calcite amygdules. Mm size calcite, feldspar veinlets at 50 d.c.a. Fracture filling calcite feldspar veinlets. Calcite amygdules increase near the lower contact. Lower contact at 45 d.c.a.	V 50 C 45							
118.4	145.0	6b		Amygdaloidal basalt. Calcite, zeolite, epidote amygdules in a fine to medium grain groundmass. Patches of epidote alteration. Odd quartz, calcite vein at 50 d.c.a. Patches of weak hematite alteration.	V 50							
145.0	148.4	6b		Fine grain, greyish-brown, amygdaloidal basalt. Calcite, epidote amygdules. Patchy, strong epidote alteration.								
148.4	162.9	6b,g		Coarse grain, amygdaloidal flow. Patches of strong epidote alteration. Epidote, calcite, feldspar amygdules. Quartz, calcite veins sub-parallel to core axis.		20277 20278	149.0 151.0	151.0 153.0	2.00 2.00	 47 59	 < 5 < 5	 < 0.2 < 0.2

162.9	164.2	6b,g		Coarse amygdaloidal flow. Large chlorite amygdules. Weak, pervasive epidote alteration.									
164.2	170.0	6b		Fine grain, brownish-grey, amygdaloidal basalt. Large, cm size, calcite amygdules. Smaller chlorite amygdules. Fracture filling calcite, feldspar veinlets at 60 d.c.a. Talc is observed on some fracture faces.	V 60	20279 20280	168.2 169.1	169.1 170.0	0.90 0.90	234 413	< 5 < 5	< 0.2 < 0.2	
170.0	170.45	9a		Fine grain, green mafic dyke. Bands of tiny chlorite, calcite amygdules. Sharp contacts at 60 d.c.a.	C 60	20281	170.0	170.45	0.45	1430	10	< 0.2	
170.45	172.85	vbx		Vein breccia with basaltic clasts in ahematite, silica, calcite rich matrix. 171.85-172.85m vein breccia is mixed with conglomerate. No visible mineralization.		20282 20283	170.45 171.85	171.85 172.85	1.40 1.00	875 80	15 5	< 0.2 0.3	
172.85	177.25	7a		Polymigtic conglomerate. Calcite and minor hematite in the matrix. Sharp lower contact at 60 d.c.a.	C 60	20284 20285 20286 20287	172.85 173.85 174.85 176.0	173.85 174.85 176.0 177.25	1.00 1.00 1.15 1.25	172 325 1260 1010	< 5 < 5 < 5 < 5	< 0.2 < 0.2 < 0.2 < 0.2	
177.25	179.0	6b		Fine grain, dark grey, amygdaloidal basalt. Small calcite, chlorite amygdules. Stringers of chalcocite (visible only after the core was cut). 179.0m E.O.H.		20288	177.25	179.0	1.75	1730	< 5	< 0.2	

	NIKOS EXPLORATIONS LTD DIAMOND DRILL LOG	Property: COPPERCORP	Township: RYAN	Claim:	Hole No. CP-05-12	Page

Drilled By:	UTM X:	UTM Y:	Elevation:	Azimuth: 240°	Inclination: -45	Dip Test	Map Ref:
Start Date:	Completed:	Date Logged:	Logged By: A.Peshkepia		TD: 203.0m		

Depth		Rock Type	Graphic Log	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To				Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
0.0	0.7	O.B.		Casing								
0.7	12.7	6a,b		Fine grain, grey, massive basalt with few chlorite amygdules, calcite and		20289	3.0	5.0	2.00	223	< 5	< 0.2
				hematite amygdules, 1.4 to 8.0m. Weakly magnetic, well fractured. Calcite		20290	5.0	6.0	1.00	111	< 5	< 0.2
				veinlets with specks of native copper. Broken core at the contact with the		20291	6.0	7.0	1.00	106	< 5	< 0.2
				conglomerate below. Network of fracture filling veinlets.		20292	7.0	8.0	1.00	54	< 5	< 0.2
				At 8.3m 30 cm lost core		20293	8.0	9.1	1.10	190	< 5	< 0.2
						20294	9.1	10.2	1.10	2700	< 5	1.5
						20295	10.2	11.0	0.80	415	< 5	0.3
						20296	11.0	11.7	0.70	1950	5	2.6
						20297	11.7	12.7	1.00	480	< 5	0.3
12.7	47.85	7a		Polymigt conglomerate. Clast supported. Hematized basalt, granite and		20298	12.7	14.7	2.00	117	< 5	< 0.2
				gneiss clasts of variable size in a calcite matrix from12.7 to 29.0m.		20299	14.7	16.7	2.00	20	< 5	< 0.2
				24.5m, chalcocite blebs on a 5mm-thick calcite quartz vein at 60 d.c.a.	V 60	20300	16.7	18.7	2.00	4	< 5	< 0.2
				29.0-48.0m sandy matrix mixed with calcite.		20301	18.7	20.7	2.00	1	< 5	< 0.2
				47.65m 1cm quartz, calcite vein with blebs of bornite. Ground core at the		20302	20.7	22.7	2.00	3	< 5	< 0.2
				vein.		20303	22.7	24.5	1.80	3	< 5	< 0.2
				Lower contact of the conglomerate at 50 d.c.a.	C 50	20304	24.5	25.0	0.50	283	< 5	< 0.2
						20305	Stand.	51 P	2.00	7130	380	2.1
						20306	25.0	27.0	2.00	8	< 5	< 0.2
						20307	27.0	29.0	2.00	6	< 5	< 0.2
						20308	29.0	31.0	2.00	3	< 5	< 0.2
						20309	31.0	33.0	2.00	3	< 5	< 0.2
						20310	33.0	35.0	2.00	5	< 5	< 0.2
						20311	35.0	37.0	2.00	7	< 5	< 0.2
						20312	37.0	39.0	2.00	6	< 5	< 0.2
						20313	39.0	41.0	2.00	5	< 5	< 0.2
						20314	41.0	43.0	2.00	5	< 5	< 0.2
						20315	43.0	45.0	2.00	26	< 5	< 0.2
						20316	45.0	46.5	1.50	4	< 5	< 0.2
						20317	46.5	47.55	1.05	9	< 5	1.0
						20318	47.55	47.85	0.30	7850	15	18.0
47.85	48.9	6b		Fine grain, greenish-grey amygdaloidal basalt. Calcite, chlorite	V 25	20319	47.85	48.9	1.05	--	15	11.5
				amygdules. 1cm quartz, calcite, massive bornite vein at 48.2m at 25 d.c.a.		20320	BLANK			99	< 5	< 0.2

				Blebs of chalcocite and bornite in calcite, quartz veinlets. Lower contact of the flow is sharp at 30 d.c.a.	C 30							
48.9	51.15	7a		Polymigt, clast supported conglomerate with a calcite matrix. Lower contact sharp at 35 d.c.a. 50.55-51.15m 1-2cm quartz, calcite veinlets with chalcocite and bornite blebs and specks. Veinlets are parallel to the contact.	C 35 V 35	20321 20322	48.9 50.55	50.55 51.15	1.65 0.60	182 --	< 5 10	0.9 10.1
51.15	81.7	6b,g		Medium to coarse grain, amygdaloidal basalt. Calcite, feldspar, chlorite amygdules. 52.1m calcite, quartz, hematite vein at 45 d.c.a. with blebs of bornite. The core is broken at the vein. Fine grain specular hematite in the groundmass. 61.4m 5cm quartz, calcite, chalcocite vein at 30 d.c.a. 70m mm size epidote vein with specks of chalcocite on a fracture face. 60-80m Patchy epidote alteration, zeolite, chlorite epidote amygdules. Odd quartz, calcite veinlet at 60 and 70 d.c.a. coarse specular hematite in the groundmass.	V 45 V 30 V 60 V 70	20323 20324 20325 20326	51.15 52.35 61.2 69.8	52.35 54.35 61.5 70.35	1.20 2.00 0.30 0.55	6620 964 -- 562	10 < 5 5 5	16.9 0.2 14.4 < 0.2
81.7	82.0	9a		Fine grain, green, mafic dyke. Brecciated at the upper contact for 10 cm. dyke clasts ina calcite matrix. Tiny specks of chalcopyrite. Moderately magnetic. Contacts at 85 d.c.a	C 85	20327	81.7	82.0	0.30	3150	< 5	1.3
82.0	132.0	6b,g		Coarse amygdaloidal flow. Chlorite, calcite, epidote amygdules in a weakly epidote altered groundmass. Odd calcite, epidote, k-feldspar veinlet. Coarse specular hematite in the groundmass. Reddish-brown patchy hematite alteration.								
132.0	144.2	6b		Greyish-green, medium to coarse grain amygdaloidal basalt. Calcite, chlorite amygdules. Pervasive specular hematite in the groundmass. Cm size calcite veins at 40 and 60 d.c.a.	V 40 V 60	20328 20329 20330 20331 20332 20333 20334	132.0 133.0 135.0 137.0 139.0 141.0 143.0	133.0 135.0 137.0 139.0 141.0 143.0 144.2	1.00 2.00 2.00 2.00 2.00 2.00 1.20	40 45 128 341 32 17 35	< 5 < 5 5 < 5 < 5 < 5 5	< 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2
144.2	148.75	6b		Fine grain, grey, amygdaloidal flow. Calcite, zeolite amygdules. Hairline fracture filling calcite veinlets.		20335 20336 20337	144.2 146.2 147.45	146.2 147.45 148.75	2.00 1.25 1.30	105 104 115	5 < 5 < 5	< 0.2 < 0.2 < 0.2
148.75	**151.6**	6b		Medium grain amygdaloidal basalt with chlorite amygdules and a few calcite amygdules.		20338 20339	148.75 150.1	150.1 151.6	1.35 1.50	11 6	< 5 < 5	< 0.2 < 0.2
151.6	161.0	6b		Fine grain, greenish-grey amygdaloidal flow. Calcite, chlorite amygdules. 151.7m 3cm hematite vein at 40 d.c.a. 153.6m 1cm hematite vein at 25 d.c.a. 154.5m Chalcocite specks and veinlets in a cm thick calcite vein Fracture filling calcite veinlets. Lower contact at 60 d.c.a.	V 40 V 25 C 60	20340 20341 20342 20343 20344 20345 20346 20347	151.6 153.4 154.0 155.0 156.0 Stand. 158.0 160.0	153.4 154.0 155.0 156.0 158.0 17 Pb 160.0 161.0	1.80 0.6 1.00 1.00 2.00 2.00 1.00	7 9 1550 14 8 76 7 29	< 5 < 5 < 5 < 5 < 5 2160 < 5 < 5	< 0.2 < 0.2 < 0.2 < 0.2 < 0.2 0.7 < 0.2 < 0.2
161.0	166.75	6b		Fine grain, grey amygdaloidal basalt. Abundant calcite, chlorite and zeolite		20348	161.0	163.0	2.00	62	< 5	< 0.2

				amygdules. Fracture filling calcite and hematite veinlets.		20349	163.0	165.0	2.00	35	< 5	< 0.2
						20350	165.0	166.75	1.75	31	< 5	< 0.2
166.75	169.7	6b		Fine grain, grey amygdaloidal flow. Chlorite amygdules partially replaced by calcite in the bottom half of this section. Fracture filling calcite veinlets.		20351	166.75	168.25	1.50	24	10	< 0.2
						20352	168.25	169.7	1.45	3860	< 5	4.0
169.7	170.75	9a		Mafic dyke. Fine grain, light green-grey colour. Chilled margins. Upper contact at 60 d.c.a. a 10 cm zone of intense fracturing, near the contact, is injected by calcite veinlets with specks of chalcocite and bornite. The dyke is strongly magnetic. Tiny feldspar amygdules and bands of small calcite amygdules at the center of the dyke. The lower dyke contact is distorted with veinlets of chalcocite and specks bornite over 15 cm 170.75-170.9m.	C 60	20353	169.7	170.75	1.05	5300	< 5	4.4
170.75	179.6	6b		Fine grain, grey amygdaloidal basalt. Zoned amygdules with a quartz core and chlorite rim and chlorite core and calcite rims. The alteration forms a pattern similar to pillow salvages, marked by concentration of chlorite and calcite amygdules. Disseminated specular hematite in the groundmass.		20354	170.75	171.55	0.80	5740	< 5	5.0
						20355	171.55	173.55	2.00	233	< 5	< 0.2
						20356	173.55	175.55	2.00	49	< 5	< 0.2
						20357	175.55	177.55	2.00	25	< 5	< 0.2
						20358	177.55	179.6	2.05	132	5	< 0.2
179.6	180.6	vbx		Intense veining composed of quartz, calcite and hematite. Clasts of amygdaloidal basalt in the bottom 30 cm. 180.1-180.6m Tiny specks of native silver and native copper.	V 60	20359	179.6	180.1	0.50	598	5	< 0.2
						20360	180.1	180.6	0.50	162	5	> 100
180.6	183.4	6b		Fine grain, greyish-green amygdaloidal basalt. Calcite and zeolite amygdules. Hematite veinlets.		20361	180.6	181.6	1.00	352	5	1.0
						20362	181.6	182.6	1.00	106	5	0.2
						20363	182.6	183.4	0.80	134	5	< 0.2
183.4	183.9	Vbx?		Zone of dense calcite veins and veinlets at 50 d.c.a. mixed with hematite and quartz veinlets.	V 50	20364	183.4	183.9	0.50	163	< 5	< 0.2
183.9	187.6	6b		Fine grain, brownish-grey amygdaloidal basalt. Zoned calcite amygdules with a green zeolite core. Odd calcite vein at 80 d.c.a. Fine grain specular hematite in the groundmass.	V 80	20365	BLANK			13	< 5	< 0.2
						20366	183.9	185.9	2.00	46	< 5	< 0.2
						20367	185.9	187.6	1.70	65	< 5	< 0.2
187.6	189.0	6a,b		Fine grain, brownish-green amygdaloidal basalt with fine grain brown massive bands. Calcite zeolite amygdules. Fine grain specular hematite in the groundmass. A 10 cm vein breccia at the lower contact at 50 d.c.a.		20368	187.6	189.0	1.40	32	< 5	< 0.2
189.0	193.9	6b		Fine grain, grey amygdaloidal flow. Calcite, zeolite, K-feldspar amygdules. Well veined. Calcite veins and veinlets at various degrees to core axis.		20369	189.0	190.0	1.00	234	< 5	0.4
						20370	190.0	191.35	1.35	15	< 5	< 0.2
						20371	191.35	192.65	1.30	71	5	0.3
						20372	192.65	193.9	1.25	57	< 5	0.2
193.9	194.45	vbx		Calcite vein with tiny specks of chalcocite. Upper contact at 50 d.c.a. Lower contact broken core.	V 50	20373	193.9	194.45	0.55	1060	10	1.4
194.45	195.3	9a		Fine grain, grey mafic dyke. Well fractured. Calcite veinlets with chalcocite veinelts near the lower contact.		20374	194.45	195.3	0.85	6710	25	7.2
195.3	195.8	6a/9a?		Strongly altered, fractured basalt? Talc, kaolinite? along the fractures. Quartz, calcite veinlets with specks of chalcocite. Broken core		20375	195.3	196.4	1.10	1600	< 5	1.1
195.8	196.4	9a		Fine grain, green well fractured and veined mafic dyke. Hematite veinlets. 196.2-196.4m lost/broken core.								
196.4	196.8	vbx		Calcite and hematite vein at 50 d.c.a. No visible sulfides.		20376	196.4	197.0	0.60	1230	< 5	< 0.2

196.8	197.0	9a		Fine grain, green altered mafic dyke. Sharp contacts at 50 d.c.a.	C 50							
197.0	197.5	vbx		Silicified vein breccia with specks and veinlets of chalcocite.		20377	197.0	197.5	0.50	8920	130	4.5
197.5	199.8	6b		Brownish-green altered amygdaloidal basalt..Calcite and zeolite amygdules. Specks and veinlets of chalcocite. Disseminated specular hematite in the groundmass		20378 20379 20380 20381	197.5 198.0 198.5 199.0	198.0 198.5 199.0 199.8	0.50 0.50 0.50 0.80	3050 4270 1020 412	< 5 < 5 < 5 < 5	1.8 2.8 0.5 < 0.2
199.8	200.25	6b		Altered amygdaloidal basalt with quartz and bornite veinlets.		20382 20383	199.8 BLANK	200.25	0.45	6920 46	5 < 5	2.4 < 0.2
200.25	203.0	6b		Coarse, brownish amygdaloidal basalt. Chlorite amygdules. Fine specular hematite in the groundmass. Fracture filling calcite veinlets. 203.0m E.O.H.		20384 20385	200.25 201.25	201.25 203.0	1.00 1.75	320 53	< 5 < 5	< 0.2 < 0.2

NIKOS EXPLORATIONS LTD DIAMOND DRILL LOG	Property: COPPERCORP	Township: RYAN	Claim:	Hole No. CP-05-13	Page 1/4
Drilled By:	UTM X:	UTM Y:	Elevation:	Azimuth: 60°	Inclination: -45
Dip Test	Map Ref:				
Start Date:	Completed:	Date Logged:	Logged By: A.Peshkepia	TD: 236.0m	

Depth From	Depth To	Rock Type	Graphic Log	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature Angle	Sample No.	Depth from	Depth to	Length metres	Assay Cu (ppm)	Assay Au (ppb)	Assay Ag (ppm)
0.0	3.0	O.B.		Casing								
3.0	12.4	6b,g		Coarse amygdaloidal flow. Calcite, zeolite, chlorite, epidote amygdules. Patches of moderate epidote and hematite alteration. Dense fracturing. Odd mm size calcite veinlet.								
12.4	14.8	6a,b		Fine grain, brownish amygdaloidal flow. Tiny chlorite amygdules. Finer grain version of the previous coarse flow.								
14.8	16.35	6b		Amygdaloidal basalt. Epidote, calcite amygdules in a fine grain, brownish-grey matrix. Odd cm size calcite, chlorite, K-feldspar amygdules. Contact at 45 d.c.a.	C 45							
16.35	36.85	6b,g		Coarse amygdaloidal basalt. Cm size calcite, K-feldspar amygdules. 16.35-20.0m patchy moderate epidote, hematite alteration. Yellowish-brownish colour. Small chlorite, FeO amygdules. Odd, mm size calcite, hematite veinlets. 35-36.85m fine grain greyish colour. Contact at 45 d.c.a.	C 45							
36.85	44.7	6b		Light brown-grey amygdaloidal flow. Large calcite amygdules. Tiny green zeolite amygdules. Well veined. Cm size calcite veins at 75 and 90 d.c.a. Epidote, chlorite alteration associated with the veins. No visible sulfides.	V 75 V 90	20386 20387 20388 20389 20390	36.85 38.85 39.85 40.85 41.85	38.85 39.85 40.85 41.85 43.65	2.00 1.00 1.00 1.00 1.80	83 24 22 17 13	< 5 < 5 < 5 40 < 5	< 0.2 < 0.2 < 0.2 < 0.2 < 0.2
44.7	47.4	6b		Fine grain, light brown, amygdaloidal basalt. Calcite, epidote, zeolite amygdules. Epidote veins at 45.0m								
47.4	52.2	6b		Fine grain, grey amygdaloidal flow. Sub cm size chlorite amygdules. Spotty epidote alteration. Locally weak magnetic. Small FeO amygdules								
52.2	54.25	6b		Amygdaloidal basalt. Strong epidote alteration. Calcite veining. 52.2-52.85m broken core fault zone? Calcite, zeolite amygdules. Minor hematite alteration.		20391 20392	52.2 53.3	53.3 54.25	1.10 0.95	20 27	< 5 < 5	< 0.2 0.3
54.25	61.1	6b		Fine grain, grey amygdaloidal basalt. Odd, cm size calcite amygdules and mainly chlorite amygdules in the lower half of the section.								
61.1	69.75	6b,a		Fine grain, grey amygdaloidal basalt. Calcite amygdules, strong epidote alteration 61.1-62.0m. Zeolite, chlorite amygdules. Odd cm size quartz amygdules with tiny specks of chalcocite. Amygdules disappear towards the bottom of the section. Weak magnetic locally. Odd calcite veinlet at 30 and 60 d.c.a.	V 30 V 60	20393 20394	61.1 Stand.	62.1 51 P	1.00	189 6410	6 440	< 0.2 2.0

69.75	**70.7**	6a,b		Fine grain, grey basalt. Locally weak magnetic. Few calcite and chlorite amygdules near the lower contact. 1cm thick calcite vein at 70 d.c.a.	V 70	20395	69.1	70.7	1.60	174	< 5	< 0.2
70.7	78.4	7a		Clast supported, polymigtic conglomerate. Granit, gneiss and basaltic clats in a calcite matrix. Upper contact at 50 d.c.a.	C 50	20396 20397	70.7 76.7	72.7 78.4	2.00 1.70	3 5	6 < 5	< 0.2 < 0.2
78.4	78.6	Vbx?		20 cm barren veinbreccia. Light brown, hematitic clasts in a calcite and quartz matrix. Unclear contacts.		20398	78.4	79.3	0.90	17	< 5	< 0.2
78.6	82.3	6b		Fine grain, grey-brownish, amygdaloidal basalt. Calcite, quartz amygdules. Chalcocite in one amygdule at 82.0m. Brown fine grain 5-15 cm wide hematite veins? Sediment? at 79.8m, 80.3 and 81.0m. At 81.3m 1cm hematite vein at 50 d.c.a.	V 50	20399 20400 20401	79.3 80.3 81.3	80.3 81.3 82.3	1.00 1.00 1.00	65 164 431	< 5 < 5 < 5	< 0.2 < 0.2 < 0.2
82.3	85.1	6b		Fine grain, grey amygdaloidal flow. Zeolite, calcite, K-feldspar, chlorite amygdules. Fracture filling calcite veinlets at 82.4m 3mm at 25 d.c.a. 84.7m 2mm at 30 d.c.a.	V 25 V 30							
85.1	89.0	6b,g		Coarse grain, yellowish green to dark green basalt. Chlorite, hematite amygdules. One or two amygdules have chalcocite specks. 88.1-89.2m 5mm epidote, calcite veinlet parallel to core axis with specks of chalcocite.	V 05	20402	88.1	89.2	1.40	1460	< 5	0.3
89.0	97.25	6b,g		Coarse amygdaloidal flow. Chlorite, zeolite, FeO filled amygdules. Yellowish-reddish patches of moderate epidote and hematite alteration. Few quartz amygdules.								
97.25	98.85	6b		Fine grain, light grey amygdaloidal basalt. Calcite, zeolite, epidote, occasionally vuggy amygdules. One or two spekcs of chalcocite in the amygdules.		20403 20404	97.25 98.0	98.0 98.85	0.75 0.85	383 169	< 5 < 5	< 0.2 < 0.2
98.85	106.75	6b		Fine to medium grain, light grey amygdaloidal flow. Calcite, epidote, chlorite, zeolite amygdules. Patchy weak epidote and hematite alteration. 106.15m 3mm calcite veinlets at 35 d.c.a. 106.45m 5mm calcite veinlet at 70 d.c.a. 105.2-105.8m lost core.	V 35 V 70	20405	98.85	100.3	1.45	249	< 5	< 0.2
106.75	118.65	6b		Medium grain, grey amygdaloidal basalt. 106.75-107.5m flow top breccia. Abundant calcite, epidote, zeolite amygdules. Few chlorite amygdules. Scattered calcite filled hairline fractures from 107.2-110.4m at shallow angle to core axis 0-5 d.c.a. Patchy, moderate epidote alteration. 114.6m, 3mm calcite vein at 20 d.c.a. 115.8m 5mm calcite vein at 20 d.c.a. 117.5m 3mm calcite vein at 60 d.c.a.	V 05 V 20 V 60	20406 20407 20408 20409	106.75 107.75 108.75 BLANK	107.75 108.75 110.75	1.00 1.00 2.00	124 70 74 25	< 5 < 5 < 5 < 5	0.2 < 0.2 < 0.2 < 0.2
118.65	121.5	6b		Fine grain, grey, amygdaloidal basalt. Calcite, epidote, chlorite amygdules. Few k-feldspar amygdules. 120.9m 5mm calcite vein at 10 d.c.a. 121.8m 2mm calcite vein at 10 d.c.a.	V 10							
121.5	130.8	6b,g		Yelowish-grey, coarse, amygdaloidal flow. Epidote, chlorite, calcite amygdules. Fracture filling calcite veinlets at 123.25m at 40 d.c.a. 124.1m fracture at 35 d.c.a. 124.2m 4mm calcite vein at 30 d.c.a.	V 40 F 35 V 30							

				126.8m calcite veinlet at 40 d.c.a. 128.3m 1cm calcite,silica vein at 45 d.c.a.	V 40 V 45							
130.8	133.3	6a,b		Fine grain, brownish-grey, massive basalt. Tiny chlorite amygdules in the first meter. Fine grained version of the previous coarse amygdaloidal flow.								
133.3	142.15	6b		Yellowish-grey, medium to coarse grain amygdaloidal flow. Calcite, epidote, chlorite amygdules and a few k-feldspar amygdules. 136.4-137.1m strong epidote alteration. 136.8-137.0m calcite, epidote veins at 70 d.c.a.	V 70	20410	136.4	137.1	0.70	60	< 5	7.8
142.15	160.3	6b		Medium to coarse grain, yellowish-grey, amygdaloidal flow. Calcite amygdules at the top followed by epidote amygdules and smaller chlosite amygdules. Patchy moderate, epidote hematite alteration. Lower contact sharp at 70 d.c.a.	C 70							
160.3	167.85	6b		Amygdaloidal basalt. Calcite, epidote amygdules. Patchy epidote alteration. Tiny chlorite amygdules. Coarse specular hematite in the last 2 meters. 160.6-161.1m strong epidote alteration.		20411 20412 20413	160.3 161.1 162.6	161.1 162.6 164.0	0.80 1.50 1.40	51 43 24	< 5 < 5 < 5	< 0.2 < 0.2 < 0.2
167.85	188.0	6b		Amygdaloidal flow. Calcite, epidote, chlorite, amygdules. Patchy epidote alteration. 168.85-169.75m 1-2cm calcite vein subparalel to core axis specks of chalcocite plus epidote and quartz. This flow starts with calcite amygdules at the top, calcite, epidote chlorite amygdules and coarse grain in the middle and fine grain with tiny chlorite, calcite FeO amygdules at the bottom.		20414 20415 20416	167.85 168.85 169.75	168.85 169.75 170.75	1.00 0.90 1.00	85 298 43	< 5 10 < 5	< 0.2 < 0.2 < 0.2
188.0	195.65	6b		Amygdaloidal flow. Calcite amygdules with tiny specks of chalcocite from 188.1-188.6m. Calcite, epidote veinlets, patchy epidote alteration. Fine grain, grey and chlorite amygdules form 193.0-195.65m		20417 20418	188.0 188.8	188.8 189.7	0.80 0.90	2450 639	< 5 < 5	0.6 0.3
195.65	202.1	6b		Fine grain, grey, amygdaloidal flow. Calcite amygdules at the top, calcite, chlorite, epidote amygdules in the middle of the flow and the finer grain and very few amygdules at the bottom of the flow. Odd calcite veinlets sub-parallel to core axis.								
202.1	205.1	6b		Fine grain, grey, amygdaloidal flow with calcite amygdules at the top and chlorite amygdules in the rest of the flow								
205.1	208.0	6b		Fine grain, brownish-grey, amygdaloidal flow with calcite and chlorite amygdules. K-feldspar veinlets parallel to core axis.								
208.0	209.65	6b		Brownish-grey, fine grain, amygdaloidal flow. Calcite amygdules. 209.1-209.65 calcite veinlets at 60 d.c.a. near the contact with a mafic dyke. Contact sharp at 75 d.c.a.	V 60 C 75	20419	208.65	209.65	1.00	60	< 5	< 0.2
209.65	210.8	9a		Fine grain, gray mafic dyke. Moderately magnetic. Cm size quartz, calcite amygdules near both contacts. Lower contact sharp at 55 d.c.a.	C 55	20420	209.65	210.8	1.15	668	10	< 0.2
210.8	220.55	7a		Polymigtic conglomerate. Clast supported. Granit, gneiss and amygdaloidal basalt clasts in a calcite rich matrix.		20421	210.8	212.8	2.00	43	< 5	< 0.2
220.55	221.2	vbx		25 cm wide barren vein breccia with calcite, silica, hematite in the matrix. 221.0-221.2m 20 cm brown hematite and calcite vein.		20422	220.55	221.2	0.65	252	< 5	< 0.2

221.2	236.0	6b		Fine grain, grey, strongly magnetic basalt. Calcite amygdules at the top of the flow followed by chlorite and quartz amygdules that dissapear towards the bottom of the section. 236.0m E.O.H.								

NIKOS EXPLORATIONS LTD DIAMOND DRILL LOG

Property: COPPERCORP	Township: RYAN	Claim:	Hole No. CP-05-14	Page 1/5	
Drilled By:	UTM X:	UTM Y:	Elevation:	Azimuth: 60	Inclination: -50
Dip Test	Map Ref:				
Start Date:	Completed:	Date Logged:	Logged By: A.Peshkepia	TD: 167.0m	

Depth		Rock Type	Graphic Log	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To				Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
0.0	6.0	O.B.		Casing								
6.0	20.3	6b		Fine grain, grey amygdaloidal basalt. Calcite, chlorite amygdules. Well		20423	7.1	7.8	0.70	123	5	0.2
				fractured and well veined.		20424	7.8	8.4	0.60	208	< 5	< 0.2
				7.3m 2-3cm quartz, calcite vein with specks of native copper at 25 d.c.a.	V 25	20425	8.4	9.2	0.80	1970	16	0.6
				7.5m, 7.7m Calcite veinlets at 60 and 70 d.c.a.	V60	20426	9.2	10.2	1.00	3670	6	0.4
				8.4-9.2m 2cm quartz, calcite, chlorite veinlet at 5 d.c.a	V70	20427	10.2	11.25	1.05	163	< 5	< 0.2
				9.2-10.2m network of vuggy calcite stringers between clasts of	V 05	20428	11.25	12.75	1.50	101	5	< 0.2
				amygdaloidal basalt with specks and blebs of chalcocite and minor		20429	12.75	14.6	1.85	69	< 5	< 0.2
				bornite.		20430	14.6	15.5	0.90	122	< 5	0.3
				11.0m mm size chlorite, quartz, calcite veinlets at 30 d.c.a.	V 30	20431	15.5	16.6	1.10	219	< 5	0.5
				11.1m 10 cm calcite vein at 50 d.c.a.	V 50	20432	16.6	17.4	0.80	248	< 5	6.1
				1cm quartz, calcite vein at 50 d.c.a.		20433	17.4	18.6	1.20	98	< 5	< 0.2
				15.4-16.6m 5cm quartz, calcite vein breccia subparalel to core axis in a		20434	18.6	20.3	1.70	210	< 5	< 0.2
				strong carbonate, talc and chlorite altered basalt with specks of chalcocite.								
				16.8-17.3m 5cm calcite, quartz veinbreccia sub-parallel to core axis.								
				18.0-18.3m 1cm calcite, talc veina at 10 d.c.a.	V 10							
				18.6m hematite, calcite, talc veinlet at 30 d.c.a.	V 30							
20.3	29.95	7a		Polimigtic conglomerate. Clast supported. Granit, gneiss, basalt clasts in a	V 20	20435	20.3	21.8	1.50	17	< 5	< 0.2
				hematite, calcite rich matrix. Quartz, calcite veinlets at 20 d.c.a. at 20.8m.	V 60	20436	21.8	23.3	1.50	55	< 5	< 0.2
				20.8-23.0m quartz, calcite veinlets at 60 and 70 d.c.a.	V70	20437	Stand.	51 P		7160	345	2.2
				27.5-27.6m 10 cm vuggy quartz, calcite vein.		20438	23.3	24.8	1.50	73	6	< 0.2
				1 cm quartz, calcite vein at 130 d.c.a. cuts the contact at a right angle	C 50	20439	24.8	26.3	1.50	62	< 5	< 0.2
				Lower contact sharp at 50 d.c.a.		20440	26.3	27.8	1.50	112	< 5	< 0.2
						20441	27.8	28.8	1.00	131	< 5	0.4
						20442	28.8	29.95	1.15	57	< 5	< 0.2
29.95	31.95	6b		Fine grain, dark grey amygdaloidal basalt. Calcite, chlorite, quartz, brown	V 50	20443	29.95	30.95	1.00	218	< 5	< 0.2
				hematite? amygdules.		20444	30.95	31.95	1.00	624	< 5	< 0.2
				Well veined, mm size calcite veins at 50 d.c.a. 5-10cm fine grain brown	V 60							
				silicious veins at 60 d.c.a.								
				Calcite filled hairline fractures.								
31.95	32.15	vbx		Quartz, carbonate vein breccia at 40 d.c.a. cross-cuts a fine grain, brown	V 40	20445	31.95	33.35	1.40			
				silicious vein at 60 d.c.a. Vuggy quartz. Lost core 32.15-32.85m wash	V 60				(0.8m)	264	< 5	< 0.2
				possible fault.								

32.15	32.85	Vbx?		Small pieces of grounded core composed of calcite, quartz and carbonate. Possible vein breccia.								
32.85	33.35	6b		Fine grain, greyish-green, altered, well fractured and veined basalt. Vuggy quartz and calcite veinlets at 45 d.c.a. Network of quartz, K-feldspar, and hematite veinlets. Small chlorite amygdules.	V 45							
33.35	39.45	6b		Amygdaloidal basalt. Upper contact at 60 d.c.a. Calcite amygdules. Well veined. Silica and hematite veins from 33.35 to 34.0m at 35-40 d.c.a Malachite stains in a carbonate vein at 45 d.c.a. 5-10 cm fine grained brown hematite rich bands at 90 d.c.a.	C 60 V 35 V 40	20446 20447 20448 20449 20450	33.35 34.0 35.0 36.0 37.5	34.0 35.0 36.0 37.5 39.45	0.65 1.00 1.00 1.50 1.95			
39.45	42.8	6b		Fine grain, grey, amygdaloidal basalt. Well fractured and well veined. Calcite amygdules and minor quartz, zeolite and chlorite amygdules. Quartz, calcite veins, veinlets and stringers all through this section. Crosscutting veinlets at 39.75m 30 and 160 d.c.a. 40.2-41.1m dense crosscutting calcite and quartz veins and veinlets sub-parallel to core axis and at 40, 60 and 20 d.c.a. 41.8m 1cm quartz, calcite, K-feldspar veinlet at 15 d.c.a. 42.15-42.5m calcite vein at 30 d.c.a. Malachite stains in some of the veinlets . 42.5m disseminated fine grain specular hematite.	V 30 V 160 V 40 V 60 V 20 V 15	20451 20452 20453 20454	39.45 40.2 41.1 42.15	40.2 41.1 42.15 42.8	0.75 0.90 1.05 0.65			
42.8	47.4	6b		Light grey, amygdaloidal basalt. Calcite, zeolite, quartz and k-feldspar amygdules. Well veined. Cross-cutting veins at 42.8 and 43.0m. Fracture filling veinlets at 30 d.c.a. 1 cm quartz, calcite veinlet at 60 d.c.a. 43.3m 1cm quartz, calcite veinlet at 90 d.c.a. 44.5m quartz, calcite veinlet with specks of chalcocite at 30 d.c.a. 44.9-45.1m vuggy calcite amygdules and carbonate veinlets at 30 and 90 d.c.a. 45.4-45.45m 5cm quartz, carbonate veining at 40 d.c.a. 46.2m quartz veinlet with blebs of chalcocite at 20 d.c.a.	V 30 V 60 V 90 V 30 V 30 V 90 V 40 V 20	20455 20456 20457 20458	42.8 43.9 44.9 45.9	43.9 44.9 45.9 47.3	1.10 1.00 1.00 1.40			
47.4	47.7	vbx		10 cm wide quartz, carbonate, hematite vein at 25 d.c.a.	V 25	20459	47.3	47.9	0.60			
47.7	**49.1**	6b		Medium grain, brownish-grey, hematite altered, amygdaloidal basalt. Vuggy quartz, calcite amygdules. Calcite and quartz stringers.		20460	47.9	49.1	1.20			
49.1	49.6	vbx		Quartz, silica, carbonate vein breccia. Upper contact at 45 d.c.a. Lower contact 20 d.c.a. 25-30 cm true width. No visible mineralization.	C 45 C 20	20461	49.1	49.6	0.50			
49.6	53.15	6b		Strongly altered and well veined amygdaloidal basalt. 49.7-50.1m quartz-carbonate vein at 15 d.c.a. with chalcocite blebs. 5cm true width. Disseminated chalcocite for 10 cm along the lower contact. 50.1-53.15m quartz, calcite stringers with blebs of chalcocite. Finely disseminated chalcocite and specular hematite in the groundmass. 50.7m 1cm semimassive chalcocite vein at 40 d.c.a. 52.2-52.3m calcite stringers sub-parallel to core axis and quartz stringers at 30 d.c.a. with blebs of chalcocite.	V 40 V 30	20462 20463 20464 20465 20466	49.6 50.4 51.2 52.0 52.5	50.4 51.2 52.0 52.5 53.15	0.80 0.80 0.80 0.50 0.65			
53.15	53.3	vbx		15 cm quartz, carbonate veinbreccia with blebs of chalcocite. The vein is located at the contact between the altered amygdaloidal basalt and a	C 50-70	20467	53.15	54.0	0.85			

				mafic dyke. Contact 50-70 d.c.a.								
53.3	54.0	9a		Extremely altered, beige colour mafic dyke. Stringers and blabs of								
				chalcocite.								
54.0	54.45	vbx		Silicified and carbonate altered vein breccia with clasts of amygdaloidal		20468	54.0	54.45	0.45			
				basalt at the contact with the mafic dyke. no visible mineralization		20469	BLANK					
54.45	67.05	6b		Medium to coarse grain amygdaloidal flow. Chlorite, calcite, K-feldspar		20470	54.45	55.45	1.00			
				and epidote amygdules. Well fractured and well veined.		20471	55.45	56.45	1.00			
				56.65m 3cm calcite vein at 20 d.c.a.	V 20	20472	56.45	57.45	1.00			
				58.2-58.9m quartz, calcite veinlets at 20 d.c.a.		20473	57.45	58.85	1.40			
				58.85-59.5m quartz, calcite stringers at 20 d.c.a. Well fractured light	V 20	20474	58.85	59.7	0.85			
				brownish in colour and coarse grained.		20475	59.7	60.4	0.70			
				59.7-59.95m 2 cm quartz, calcite epidote vein at 20 d.c.a. with blebs and	V 20	20476	60.4	62.0	1.60			
				veinlets of chalcocite.		20477	62.0	63.5	1.50			
				59.95-60m stringers of chalcocite at 40 d.c.a.	V 40	20478	63.5	65.0	1.50			
				60.0m altered and well fractured basalt with talc on fracture faces.		20479	65.0	66.0	1.00			
						20480	66.0	67.05	1.05			
67.05	68.2	6b		Well fractured and well veined amygdaloidal basalt. Calcite, epidote,	F 5-10	20481	67.05	68.2	1.15			
				zeolite amygdules. Fractures sub-parallel to core axis at 5-10 d.c.a.								
				Blebs and specks of chalcocite.								
68.2	69.0	vbx		Quartz-calcite vein breccia, sub-parallel to core axis. Finely disseminated	V 5	20482	68.2	69.0	0.80			
				chalcocite and blebs of chalcopyrite and bornite at 68.9m near the lower		20483	BLANK					
				contact. 5cm true width at the lower contact 2-3cm wide at the upper								
				contact.								
69.0	72.85	6b		Fine grain, greenish, amygdaloidal basalt. Stringers of calcite and quartz	V 40	20484	69.0	70.0	1.00			
				with small blebs of chalcopyrite and bornite at 70.1m and 70.45m.		20485	70.0	71.0	1.00			
				Stringers are oriented at 40 d.c.a.	V 20	20486	71.0	72.0	1.00			
				72.0m 1cm quartz, calcite veins with blebs of chalcocite and bornite at 20	V 50	20487	72.0	72.85	0.85			
				d.c.a. at 20 and 50 d.c.a.								
72.85	87.3	6b		Medium to coarse grain, light brown-grey amygdaloidal basalt. Calcite,		20488	72.85	73.85	1.00			
				chlorite, sericite amygdules. Well fractured and veined.		20489	73.85	74.85	1.00			
				72.85m mm size calcite veinlet at 85 d.c.a.	V 85	20490	74.85	75.85	1.00			
				73.4-73.85m calcite stringers parallel to core axis and at 50 d.c.a.	V 0	20491	75.85	76.85	1.00			
				74.3m calcite veinlets at 40 and 50 d.c.a.	V 50	20492	76.85	77.85	1.00			
				74.75m 5mm quartz, calcite epidote veinlet with small blebs of chalcocite	V 40	20493	77.85	78.5	0.65			
				at 20 d.c.a.	V 20	20494	78.5	79.15	0.65			
				77.5-79.15m 2cm quartz vein parallel to core axis, with small blebs of	V 0	20495	79.15	79.6	0.45			
				chalcocite and specks of native copper at 77.85m.	V 10	20496	79.6	80.4	0.80			
				79.8m 1cm quartz, calcite vein with specks of chalcocite at 10 d.c.a.		20497	80.4	80.9	0.50			
				80.45-81.5m 2cm quartz, calcite vein with blebs and veinlets of chalcocite		20498	80.9	81.7	0.80			
				at 10 d.c.a.	V 10	20499	81.7	82.55	0.85			
				82.6-83.0m extremely altered, greenish, coarse amygdaloidal basalt witha	V 25	20500	82.55	83.05	0.50			
				3 cm quartz, calcite vein at 25 d.c.a. with blebs of chalcocite, vein breccia?	V 130	20501	83.05	83.6	0.55			
				83.2m chalcocite stringers at 130 d.c.a.	V 15	20502	83.6	84.1	0.50			
				1 cm quartz, calcite vein at 15 d.c.a. Calcite filled fractures at 130 d.c.a.	F 130	20503	84.1	85.1	1.00			
				83.2-84.0m quartz, calcite stringers with specks of chalcocite at 20 d.c.a.	V 20	20504	85.1	86.1	1.00			

				86.5m 5mm quartz, calcite vein at 25 d.c.a. with specks of chalcocite. 85.1-87.3m Fine grain well fractured basalt	V 25	20505	86.1	87.3	1.20			
87.3	93.75	6b		Medium grain, light brownish-grey amygdaloidal flow. Calcite,K-feldspar, zeolite, epidote amygdules. Rare, hairline fracture filling calcite veinlets		20506 20507 20508 20509	87.3 89.3 91.3 92.5	89.3 91.3 92.5 93.55	2.00 2.00 1.20 1.05			
93.75	93.90	vbx		15 cm (10 cm true width) quartz, calcite vein breccia with altered green basaltic clasts and blebs of chalcocite. Sharp contacts at 35 d.c.a.	V 35	20510 20511	93.55 BLANK	94.05	0.50			
93.90	94.7	6b		Greenish medium grain basalt with chlorite amygdules. Mm size quartz, calcite stringers at 50 and 25 d.c.a. with specks of chalcocite.	V 50 V 25	20512	94.05	94.55	0.50			
94.7	99.3	6b		Medium grain, grey amygdaloidal basalt. Calcite and chlorite amygdules. Few hairline fracture filling calcite veinlets. 98.85m 1cm quartz, calcite veinlet at 30 d.c.a. with tiny specks of chalcocite.	V 30	20513 20514 20515 20516	94.55 96.0 97.3 98.4	96.0 97.3 98.4 99.25	1.45 1.30 1.10 0.85			
99.30	99.45	vbx		Quartz-carbonate vein breccia (8 cm true width) at 35 d.c.a. Abundant blebs of chalcocite.		20517	99.25	99.85	0.60			
99.45	107.0	6b		Medium grain, brown-grey, amygdaloidal flow. Small chlorite, calcite amygdules. Well fracfured with carbonate healed fractures. 101.65m 1.5cm calcite vein at 50 d.c.a. 102.55-103.2m 3cm calcite vein sub-parallel to core axis. No visible sulfides. 103.5m 1 cm calcite vein at 20 d.c.a. 103.8m specks of chalcocite in a 15mm calcite vein at 50 d.c.a.	V 50 V 20 V 50	20518 20519 20520 20521 20522 20523	99.85 101.35 102.55 103.25 103.85 105.9	101.35 102.55 103.25 103.85 105.9 107.0	1.50 1.20 0.70 0.60 2.05 1.10			
107.0	115.2	6b		Fine to medium grain, amygdaloidal basalt. Chlorite, calcite zeolite amygdules. Coarse specular hematite in the groundmass. 107.0-107.8m dense mm size quartz, calcite veinlets at 10 and 15 d.c.a. 109.6-110.3m calcite veinlets with tiny specks of chalcocite	V 10 V 15	20524 20525 20526 20527 20528 20529	107.0 108.6 109.0 110.35 112.35 113.6	108.6 109.0 110.35 112.35 113.6 115.2	1.60 0.40 1.35 2.00 1.25 1.60			
115.2	137.8	6b,g		Coarse, amygdaloidal flow. Calcite and zeolite amygdules at the top. Calcite, chlorite, epidote amygdules in the middle and patchy weak to moderate epidote alteration. Coarse specular hematite through the section. Odd large K-feldspar amygdules. 137.5m 2cmcalcite vein at 45 d.c.a.	V 45	20530 20531	115.2 117.2	117.2 119.0	2.00 1.80			
137.8	144.9	6b		Fine grain, grey amygdaloidal basalt. Calcite, k-feldspar and chlorite amygdules. Well fractured and well veined. 138.65m quartz, calcite epidote veinlets at 35 d.c.a. with specks and veinlets of chalcocite. 140.9m 1 cm quatz, calcite, and epidote veinlet at 15 d.c.a. Specks of chalcocite. 140.9-144.05m strong alteration ann fracturing. Dense calcite veining sub-parallel to core axis.	V 35 V 15	20532 20533 20534 20535 20536	137.8 138.8 140.4 142.1 143.3	138.8 140.4 142.1 143.3 144.9	1.00 1.60 1.70 1.20 1.60			
144.9	146.2	6b		Fine grain, grayish-brown amygdaloidal basalt. Calcite epidote amygdules.								
146.2	152.5	6b		Fine grain, grey amygdaloidal flow. Calcite amygdules at the top and								

				chlorite amygdules through core length.									
152.5	161.3	7a		Polymigtic , clast supported conglomerate. Granite, gneiss, basaltic clasts in a calcite rich matrix. Minor malachite stains. Both contacts at 30 d.c.a.	C 30	20537 20538 20539 20540 20541	152.5 154.5 156.5 158.5 160.0	154.5 156.5 158.5 160.0 161.3	2.00 2.00 2.00 1.50 1.30				
161.3	167.0	6b		Fine grain, grey, amygdaloidal basalt. Tiny chlorite amygdules. Magnetic. Well veined. 163.9-164.3m quartz, calcite epidote veinlet with specks of chalcocite at 10 d.c.a.	V 10	20542 20543	161.3 163.3	163.3 164.3	2.00 1.00				

NIKOS EXPLORATIONS LTD	DIAMOND DRILL LOG	Property: COPPERCORP	Township: RYAN	Claim:	Hole No. CP-05-15	Page 1/2
Drilled By:	UTM X:	UTM Y:	Elevation:	Azimuth: 240	Inclination: -45	Dip Test / Map Ref:
Start Date:	Completed:	Date Logged:	Logged By: A.Peshkepia		TD: 140.0m	

Depth		Rock Type	Graphic Log	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To				Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
0.0	4.1	O.B.		Casing (3m)								
4.1	24.2	6b		Medium grain, light brown-grey amygdaloidal basalt. Calcite, zeolite and epidote amygdules. Few quartz, calcite, epidote veinlets at 50 d.c.a. 24.2m 1cm calcite vein at 40 d.c.a.	V 50 V 40	20544	23.0	24.2	1.20			
24.2	24.55	6b?		24.3-24.4m ground core, soft strongly altered amygdaloidal? basalt with tiny rusty pits at the contact with a mafic dyke. Sample 20545 contains 15cm of 9a and 35 cm of 6b.		20545 20546	24.2 BLANK	24.7	0.50			
24.55	26.3	9a		Fine grain, green, mafic dyke. 2cm semi-massive chalcocite at the upper contact of the dyke at 70 d.c.a. The dyke is well fractured and has narrow bands of tiny calcite amygdules. 25.4-25.8m lost core, mud, fault gauge.	C 70	20547	24.7	26.3	1.60 (1.3)			
26.3	26.55	vbx		Quartz-calcite vein breccia with specks of chalcocite and specular hematite along the lower contact at 75 d.c.a.	V 75	20548	26.3	26.55	0.25			
26.55	27.1	6b		Brownish-dark grey, altered amygdaloidal basalt. Calcite amygdules. Network of calcite stringers. Broken core at the lower contact.		20549	26.55	27.1	0.55			
27.1	28.05	9a		Fine grain, green mafic dyke. Chalcocite specks at the upper contact. Brecciated for 2-3cm at the contact. Chalcocite specks in fracture filling veinlets at 70 d.c.a.	V 70	20550	27.1	28.05	0.95			
28.05	74.6	6b		Medium to coarse grain amygdaloidal basalt. Calcite, chlorite amygdules. Epidote patches. Moderate fracturing to locally strong. Odd calcite veinlets at 60 d.c.a. 60-74.6m medium to fine grain grey with FeO pits, calcite veinlets at 20 d.c.a.	V 60 V 20	20551	28.05	29.45	1.40			
74.6	108.3	6b		Fine grain, brownish amygdaloidal basalt. Calcite, epidote zeolite amygdules. Patches of strong epidote alteration along calcite knots formed by the joining of large amygdules. Odd calcite epidote veinlet at 45 d.c.a.	V 45	20552 20553 20554 20555	74.6 76.6 77.6 79.5	76.6 77.6 79.5 80.2	2.00 1.00 1.90 0.70			
108.3	108.55	vbx		Barren calcite, K-feldspar vein at 30 d.c.a. 15 cm true width	V 30	20556	108.3	108.6	0.30			
108.55	112.85	6b		Amygdaloidal basalt. Chlorite amygdules. Weakly magnetic .Lost core 108.6-109.3m mm size calcite veinlets parallel to core axis.		20557 20558	108.6 110.8	110.8 112.85	2.20 2.05			
112.85	**114.5**	9a		Fine grain, grey, mafic dyke. Moderately magnetic. Narrow bands of tiny calcite amygdules. 113.0m Specks of chalcopyrite and bornite in a mm size calcite veinlet at	C 60 V 50	20559 20560	112.85 113.25	113.25 114.5	0.40 1.25			

				50 d.c.a. Upper contact 60 d.c.a. and lower contact at 70 d.c.a.	C 70							
114.5	140.0	6b		Fine grain, grey amygdaloidal flow with chlorite amygdules and odd calcite veinlet at 80 d.c.a. Weakly magnetic. 140.0m E.O.H.		20561	114.5	116.0	1.50			

NIKOS EXPLORATIONS LTD DIAMOND DRILL LOG		Property: COPPERCORP	Township: RYAN	Claim:	Hole No. CP-05-16	Page 1/2
Drilled By:	UTM X:	UTM Y:	Elevation:	Azimuth: 240	Inclination: -45	Dip Test	Map Ref:
Start Date:	Completed:	Date Logged:	Logged By: A.Peshkepia		TD: 71.0m		

Depth From	Depth To	Rock Type	Graphic Log	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature Angle	Sample No.	Depth from	Depth to	Length metres	Assay Cu (ppm)	Assay Au (ppb)	Assay Ag (ppm)
0.0	7.4	O.B.		Casing								
7.4	16.8	6b		Fine grain, green, amygdaloidal basalt. Calcite, epidote, zeolite amygdules. 13.5m 1cm quartz, carbonate vein at 30 d.c.a. Disseminated fine grain specular hematite through core length. 16.0m calcite veinlets at 90 d.c.a. 16.6-16.8m dense calcite veinlets with specular hematite.	V 30	20562	15.5	16.5	1.00			
16.8	17.0	vbx		Small basalt clasts in a light brown hematite silica matrix. Vein at 50 d.c.a.	V 50	20563	16.5	17.0	0.50			
17.0	26.3	6b		Medium grain, greenish amygdaloidal basalt with calcite, zeolite and a few epidote amygdules. Brownish hematite rich patches. 21.4 m specks of bornite. 22.9-23.3m quartz, calcite veining. Specks of specular hematite in a flow top breccia. Lost core 23.0-23.3m		20564 20565 20566 20567 20568 20569 20570 20571	17.0 18.0 20.0 21.0 22.0 22.9 23.4 24.9	18.0 20.0 21.0 22.0 22.9 23.4 24.9 26.3	1.00 2.00 1.00 1.00 0.9 0.50 1.50 1.40			
26.3	28.35	6b		Fine grain, green, altered amygdaloidal basalt. Specks of chalcopyrite at 26.3m. 26.65m 1 cm semi-massive chalcopyrite vein at 90 d.c.a. Specks and veinlets of chalcopyrite up to 27.2m. specks of bornite at 27.2m. 27.2-28.35m veinlets and specks of specular hematite.	V 90	20572 20573	26.3 27.3	27.3 28.35	1.00 1.05			
28.35	34.55	Vbx/7a?		Vein breccia composed of extremely altered greenish clasts of basalt and subrouded to rounded clasts of an altered conglomerate in a silica and carbonate rich matrix with bands of hematite. 28.35-29.0m Specks and blebs of chalcocite mixed with specular hematite. Lower contact 70 d.c.a.	C 70	20574 20575 20576 20577 20578 20579 20580 20581	28.35 BLANK 29.0 30.0 31.0 32.0 33.0 33.85	29.0 30.0 31.0 32.0 33.0 33.85 34.55	0.65 1.00 1.00 1.00 1.00 0.85 0.70			
34.55	38.0	6b		Fine grain, green, altered amygdaloidal basalt. Tiny zeolite amygdules. 36.0-36.2m Quartz, calcite veins at 60 d.c.a.	V 60	20582 20583 20584	34.55 35.55 36.55	35.55 36.55 38.0	1.00 1.00 1.45			

38.0	38.4	vbx		Calcite vein and clasts of amygdaloidal basalt in a hematite matrix. 50 d.c.a.	V 50	20585	38.0	38.5	0.50			
38.4	43.4	6b		Strongly altered amygdaloidal basalt. Quartz, calcite, zeolite amygdules in a greenish-dark grey, brown alterd matrix with calcite knots and patches of bleached green colour.		20586 20587 20588 20589 20590	38.5 39.5 40.5 41.5 42.5	39.5 40.5 41.5 42.5 43.4	1.00 1.00 1.00 1.00 0.90			
43.4	61.6	6b		Fine grain, grey, amygdaloidal basalt. Calcite, chlorite, cm size quartz amygdules. Quartz, calcite veinlets at 50 and 60 d.c.a. No visible sulfide mineralization. Small (few cm) patches of epidote alteration associated with quartz, calcite veining at 50.5m and 55.85m. Veins are oriented at 50 d.c.a. 57.6-58.3m cm size quartz-carbonate veins at 80-90 d.c.a. and minor epidote. No mineralization.	V 50 V 60 V 50 V 80	20591 20592 20593 20594 20595	43.4 Stand. 57.6 58.5 60.0	44.4 51 P 58.5 60.0 61.6	1.00 0.90 1.50 1.60			
61.6	62.55	vbx		61.6-61.85m vuggy silica vein at 60 d.c.a. 61.85-62.55m reddish, rusty looking basalt with dense calcite veins at 60 d.c.a. and vuggy silica. 62.0-62.15 broken/lost core. 62.45-62.55m broken/lost core.	V 60	20596	61.6	62.55	0.95			
62.55	**65.45**	6b		Fine grain, light brown, well fractured and veined amygdaloidal flow. Quartz, calcite epidote amygdules.		20597 20598	62.55 63.55	63.55 65.45	1.00 1.90			
65.45	65.75	8a		Reddish-brown colour felsic dyke. Mm size quartz phynos. Irregular contacts. Soft, greenish talc? veinlets along the contacts.		20599	65.45	65.75	0.30			
65.75	66.4	6b		Medium grain, amygdaloidal basalt. Small calcite, chlorite amygdules.		20600	65.75	66.4	0.65			
66.4	67.15	8a		Felsic dyke. Flow banded. Reddish-brown at 70 d.c.a.	D 70	20601	66.4	67.15	0.75			
67.15	71.0	6b,g		Medium to coarse grain amygdaloidal flow. Chlorite, calcite amygdules. 67.45-67.7m 1-2cm quartz, calcite veins with specks of chalcopyrite. 71.0m E.O.H.		20602 20603	67.15 67.8	67.8 68.8	0.65 1.00			

NIKOS EXPLORATIONS LTD DIAMOND DRILL LOG

Property: COPPERCORP Township: RYAN Claim: Hole No. CP-05-17 Page 1/2

Drilled By: UTM X: UTM Y: Elevation: Azimuth: 0 Inclination: -90 Dip Test Map Ref:

Start Date: Completed: Date Logged: Logged By: A.Peshkepia TD: 80.0

Depth		Rock Type	Graphic Log	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To				Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
0.0	3.0	O.B.		Casing								
3.0	18.6	6b,g		Coarse amygdaloidal flow. Calcite, epidote, zeolite amygdules in a light brown coloured matrix.		20604 20605	5.1 6.1	6.1 7.5	1.00 1.40			
				5.4m 3cm quartz, calcite vein at 50 d.c.a.	V 50							
				6.6-6.8m 1 to 3cm wide calcite veins at 40 d.c.a. with specks of specular hematite.	V 40							
18.6	25.4	6b		Fine grain, greenish-grey amygdaloidal basalt. Calcite, quartz, zeolite amygdules. Odd quartz and calcite veinlets at 40 d.c.a. Specks of chalcocite and specualr hematite in calcite amygdules.	V 40	20606 20607 20608 20609 20610 20611	18.6 20.0 21.5 23.0 24.0 24.5	20.0 21.5 23.0 24.0 24.5 25.4	1.40 1.50 1.50 1.00 0.50 0.90			
25.4	25.55	vbx		10 cm true width vein breccia with carbonate, hematite and k-feldspar at 40 d.c.a. Broken core at the vein.	V 40	20612	25.4	26.0	0.60			
25.55	32.1	6b		Greenish-grey, medium grain amygdaloidal flow. Calcite, chlorite and zeolite amygdules. Coarse specular hematite in the matrix and in veinlets at 20 d.c.a.	V 20	20613 20614 20615	26.0 27.5 28.55	27.5 28.55 30.05	1.50 1.05 1.50			
				30.6m Specks of chalcocite and tiny malachite stains in a centimetre thick quartz carbonate veinlet at 50 d.c.a.	V 50	20616 20617	30.05 31.0	31.0 32.1	0.95 1.10			
				27.6-28.55m Quartz-carbonate veins at 20 d.c.a.	V 20	20618	Stand.	51 P				
32.1	32.95	vbx		Vein breccia with hematite clasts in a carbonate, silica matrix, oriented at 30 d.c.a. Veinlets of specular hematite and specks of chalcocite.	V 30	20619	32.1	32.95	0.85			
32.95	35.6	6b		Green amygdaloidal basalt. Calcite, zeolite, epidote amygdules.		20620	32.95	34.6	1.65			
				34.8-35.3m strong carbonate veining. Specular hematite veins at 50 d.c.a.	V 50	20621	34.6	35.6	1.00			
35.6	35.85	vbx		Silica, specular hematite and blebs of chalcocite ina 15 cm vein of massive to semi-masive specular hematite at 50 d.c.a.	V 50	20622 20623	35.6 BLANK	35.85	0.25			
35.85	36.45	vbx		Broken core. Two 10 cm pieces of vein breccia composed of vuggy silica with malachite staining along the lower contact. Broken core at the contact.	V 20?	20624	35.85	36.45	0.60			
36.45	39.65	6b		Fine grain, brownish-green amygdaloidal flow.	V 30	20625	36.45	37.45	1.00			
				37.45m 1 cm specular hematite vein at 30 d.c.a.		20626	37.45	38.45	1.00			
				Finely disseminated specular hematite.		20627	38.45	39.65	1.20			
39.65	**42.1**	6b/vbx		Vein breccia mixed with greenish altered fiengrain basalt. Vuggy calcite,		20628	39.65	40.65	1.00			

				carbonate veins. Veinlets and blebs of specular hematite at 50 d.c.a.		20629	40.65	41.2	0.55			
				40.0m specks of native copper in a calcite veinlet.		20630	41.2	42.1	0.90			
42.1	45.3	vbx		Vein breccia. Basalt and hematite clasts in a carbonate and silica matrix.		20631	42.1	43.1	1.00			
				43.3-43.8m lost core, faulted? Minor blebs of specular hematite.		20632	43.1	44.0	0.90			
				Lower contact at 50 d.c.a.	C 50	20633	44.0	45.3	1.30			
45.3	48.4	6b/vbx		Strongly altered and well veined amygdaloidal basalt. Calcite, chlorite and	C 40	20634	45.3	46.3	1.00			
				zeolite amygdules. Calcite veins, with specular hematite veinlets, parallel		20635	46.3	47.3	1.00			
				to core axis. Lowr contact 40 d.c.a.		20636	47.3	48.4	1.10			
48.4	54.85	6b		Fine grain, amygdaloidal basalt. Well fractured and veined. Fracture filling		20637	48.4	50.0	1.60			
				epidote veinlets. Cross-cutting calcite veins at various degrees to core		20638	50.0	51.5	1.50			
				axis. Small epidote and calcite amygdules.		20639	51.5	53.0	1.50			
				53.2m Finely disseminated specular hematite in a 5cm calcite vein at 30 d.c.a.	V 30	20640	53.0	54.85	1.85			
54.85	58.65	6b		Fine grain, green amygdaloidal flow. Well veined. Calcite epidote veins		20641	54.85	55.85	1.00			
				and veinlets. Epidote and quartz, amygdules. Finely disseminated		20642	55.85	56.85	1.00			
				specular hematite and strong epidote alteration.		20643	56.85	57.75	0.90			
				1 cm quartz-carbonate vein sub-parallel to core axis.		20644	57.75	58.65	0.90			
58.65	59.15	vbx		58.65-58.95m 30cm vein breccia with basalt, silica and carbonate clasts in	C 25	20645	58.65	59.15	0.50			
				an epidote rich matrix. Upper contact at 25 d.c.a. Lower contact at 50 d.c.a.	C 50	20646	BLANK					
				58.95-59.15m 20 cm veinbreccia with basalt, calcite and silica clasts ina								
				silica, zeolite and hematite matrix. Lower contact 40 d.c.a.	V 40							
59.15	61.4	6b		Fine grain, greyish-brown amygdaloidal basalt. Calcite, quartz and chlorite		20647	59.15	60.2	1.05			
				amygdules. Calcite veinlets.	F 10	20648	60.2	61.4	1.20			
				59.5-61.2m Fractures at 10 to 15 degrees to core axis.	F15							
61.4	80.0	7a		Clast supported, polymigtic conglomerate. Granite, basalt and gneissic		20649	61.4	63.0	1.60			
				clasts in an epidote rich matrix . Specks of specular hematite in the		20650	63.0	64.5	1.50			
				matrix.		20651	64.5	66.0	1.50			
				80.0m E.O.H.		20652	66.0	68.0	2.00			

	NIKOS EXPLORATIONS LTD DIAMOND DRILL LOG		Property: COPPERCORP Township: RYAN	Claim:	Hole No. CP05-18	Page 1/2
Drilled By: Denis Crites Drill.	UTM X: 670962mE	UTM Y: 5208942mN	Elevation: 266metres Azimuth: 240°	Inclination: -45°	Dip Test	Map Ref:
Start Date: Nov. 19, 2005	Completed: Nov. 20, 2005	Date Logged: Nov. 20-21 2005	Logged By: A. Peshkepia	TD: 143 metres	-45° -45°	

Depth From	To	Rock Type	Graphic Log	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature Angle	Sample No.	Depth from	to	Length metres	Assay Cu (ppm)	Au (ppb)	Ag (ppm)
0.0	6.0	O.B.		Casing								
6.9	8.3	O.B.		Overburden, boulders of fine grained gabbro, conglomerate, and gneiss.								
8.3	9.1	vbx		Dense calcite veining Plus hematite, calcite and K-feldspar in the matrix. 1cm calcite veins at 25 and 55 degrees to core axis.	V 55 V 25	19601	8.3	9.1	0.80			
9.1	14.0	6b		Brownish-grey, medium grained amygdaloidal basalt. Well veined and well fractured. Calcite veins and veinlets at 60 degrees to core axis and 35 degrees to core axis. Tiny calcite and chlorite amygdules. Pervasive, finely disseminated specular hematite.	V 60 V35	19602 19603	9.1 11.0	11.0 13.0	1.90 2.00			
14.0	25.3	6a,b		Brownish-grey, medium grained amygdaloidal basalt. 30-40cm bands of calcite and chlorite amygdules. Mm size calcite and laumonite veinlets at 45 degrees to core axis. Finely disseminated specular hematite.	V 45							
25.3	52.0	6b		Light brown-grey, medium to fine grained amygdaloidal basalt. Abundant Calcite amygdules. Few chlorite amygdules and green zeolite amygdules. Odd K-feldspar amygdules. Some amygdules are zoned with a calcite core and chlorite rims. Odd epidote filled amygdules, calcite filled hairline fractures at 25 and 60 degrees to core axis. 3 cm calcite vein at 50.1m at 60 degrees to core axis.	V 25 V 60							
52.0	62.8	6b,g		Medium to coarse grained brownish-grey amygdaloidal basalt. Odd large 1-2cm in size calcite amygdules. Tiny chlorite amygdules. Rare calcite veinletss at 70 degrees to core axis. 60.8m a 6cm calcite vein with tiny specks of chalcocite at 65 degrees to core axis. Finely disseminated specular hematite.	V 70 V 65	19604 19605 19606	59.6 60.6 61.1	60.6 61.1 62.1	1.00 0.50 1.00			
62.8	74.7	6b		Medium grained, brownish-grey, unaltered amygdaloidal flow. Calcite and chlorite amygdules. Rare calcite and laumonite veinlets at 15 degrees to core axis. Calcite veinlets with specks of Pyrite at 70.3 m. Odd large quartz amygdules. 74.4-74.6m 20cm veinbreccia at 90 degrees to core axis. Basaltic clasts in a carbonate, zeolite matrix plus specular hematite.	V 15 V 90	19607 19608 19609 19610 19611	68.9 69.9 70.4 Stand. 74.0	69.9 70.4 71.0 43P 74.7	1.00 0.50 0.60 0.70			
74.7	97.2	6b,g		Medium to coarse grained, brownish-greenish amygdaloidal flow. Tiny chlorite amygdules. Quartz, calcite veins 1-3cm thick with specks of chalcocite at 83.45 and 83.75m. Veins are at 45 and 60 degrees to core axis respectively. Finely disseminated specular hematite in the groundmass. Fracture filling calcite and laumonite veinlets.	V 45 V 60	19612 19613 19614	83.0 94.0 94.3	84.2 94.3 95.8	1.20 0.30 1.50			

				94.0m 1cm quartz, calcite veinlet with specks of native silver? at 90 degrees to core axis.	V 90	19615	95.8	97.2	1.40			
97.2	97.6	9a		Very fine grained, grey, magnetic mafic dyke. Tiny calcite amygdules. Upper contact sharp at 75 degrees to core axis.	C 75	19616	97.2	97.6	0.40			
97.6	98.15	6b		Medium grained brown, amygdaloidal flow. Calcite amygdules. Dense calcite veinlets with specks of chalcopyrite. 25 cm veinbreccia at the lower contact. Tiny veinlets of chalcopyrite and silicified basalt clasts. Lower contact at 85 degrees to core axis.	C 85	19617	97.6	98.15	0.55			
98.15	**99.45**	9a		Very fine grained, grey, magnetic mafic dyke. Tiny calcite amygdules. Fracture filling veinlets with specks of chalcopyrite and bornite. Lower contact at 85 degrees to core axis.	C 85	19618	98.15	99.45	1.30			
99.45	101.9	6b		Brown, fine grained amygdaloidal flow. Zoned calcite, chlorite amygdules. Odd large (2-3cm) quartz amygdules. Moderate fracturing.		19619 19620	99.45 100.45	100.45 101.9	1.00 1.45			
11.9	102.5	Vbx?		Brecciated basalt with dense calcite and laumonite veining at 45 degrees to core axis	V 45	19621	101.9	102.5	0.60			
102.5	108.2	6b		Unaltered dark brown, fine grained amygdaloidal flow. Abundant calcite amygdules. Calcite veins and knots and zeolite amygdules.		19622 19623 19624 19625	102.5 104.0 105.5 107.0	104.0 105.5 107.0 108.2	1.50 1.50 1.50 1.20			
108.2	110.5	vbx		Veinbreccia with calcite, quartz and silicified cherty clasts in a carbonate, calcite rich matrix. Specks of chalcopyrite, bornite and chalcocite. Both contacts sharp at 45 degrees to core axis. Veinlets of specular hematite.	V 45	19626	108.2	110.5	2.30			
110.5	111.9	6a,b		Fine grained, grey basaltic flow with odd large zoned quartz,calcite amygdules. Weakly magnetic. 111.6-111.8m quartz-carbonate vein with blebs of chalcocite at 90 degrees to core axis	V 90	19627 19628	110.5 Blank	111.8	1.40			
111.9	128.0	6a,b		Fine grained, grey, massive, magnetic fresh basalt. Moderate calcite veining at 45 and 70 degrees to core axis. Calcite amygdules near the lower contact.	V 45 V 70	19629	11.9	113.4	1.50			
128.0	143.0	7a		Polymigtic conglomerate with granitic, gneissic and basaltic clasts in a locally calcite rich matrix. Upper contact at 15 degrees to core axis. 143.0 metres E.O.H.	C 15							

NIKOS EXPLORATIONS LTD DIAMOND DRILL LOG			Property: COPPERCORP Township: RYAN	Claim:	Hole No. CP05-19	Page 1/3
Drilled By: Denis Crites Drill.	UTM X: 671395mE	UTM Y: 5208661mN	Elevation: 261 metres	Azimuth: 60°	Inclination: -50°	Dip Test	Map Ref:
Start Date: Nov. 21, 2005	Completed: Nov. 23, 2005	Date Logged: Nov. 24-25, 2005	Logged By: A.Peshkepia		TD: 179 metres	-53° | -53°: -53°	

Depth		Rock Type	Graphic Log	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To				Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
0.0	9.0			Casing								
8.5	18.8	6a,b		Fine to medium grained, grey basalt. Abundant calcite amygdules near the top part of the flow. Well veined. Network of calcite, laumonite and talc fracture filling veins and veinlets.		19630	8.5	10.5	2.00			
						19631	10.5	11.8	1.30			
						19632	15.5	17.0	1.50			
				9.1-10.0m dense calcite veins and knots in dark brown altered basalt.		19633	17.0	18.5	1.50			
				10.5m calcite vein at 10 degrees to core axis.	V 10							
				13.5m calcite vein at 10 degrees to core axis.								
18.8	30.5	6a,b		Fine to medium grained, grey amygdaloidal flow. Calcite amygdules abundant in the first 2 metres. Well fractured and well veined. Fracture filling calcite, zeolite, talc veins and veinlets.		19634	18.5	20.0	1.50			
						19635	20.0	21.5	1.50			
						19636	21.5	23.0	1.50			
				25.0m 2cm calcite vein at 50 degrees to core axis.		19637	23.0	24.5	1.50			
				28.0m 10 cm veinbreccia at 20 degrees to core axis. Basalt clasts in a calcite matrix.		19638	24.5	26.0	1.50			
						19639	26.0	27.5	1.50			
				Lower contact with conglomerate at 15 degrees to core axis. A 3 cm vein of calcite and FeO along the contact.		19640	Stand.	51P				
						19641	27.5	29.0	1.50			
						19642	29.0	30.8	1.80			
30.5	38.5	7a		Polymigtic conglomerate. Gneiss, granite and basaltic clasts in a locally calcite rich matrix. Lower contact faulted. 5cm fault gauge (mud) at the contact.								
38.5	49.0	6b		Medium grained, grey amygdaloidal flow. Abundant small chlorite amygdules few large calcite amygdules.	V 45	19643	45.5	47.0	1.50			
						19644	47.0	48.1	1.10			
				45.6m odd calcite veinlet at 45 degrees to core axis with specks of chalcocite. Lower contact at 90 degrees to core axis.	LC 90	19645	48.1	49.0	0.90			
				46.8m a 5mm fracture filling chalcocite veinlet parallel to core axis.								
				48.7m chalcocite specks in calcite veinlets at 50 degrees to core axis.								
				Finely disseminated specular hematite in the groundmass. 46.8m								
49.0	52.2	9a		Extremely altered, beige coloured mafic dyke. Well fractured, FeO staining.		19646	49.0	50.5	1.50			
						19647	50.5	52.2	1.70			
				51.5m and 71.7m 5cm fault gauge, sand and mud.								
52.2	57.7	vbx		Veinbreccia. Silicified basalt clasts in hematite and silica matrix. Specks and small blebs of chalcocite through core length.		19648	52.2	53.7	1.50			
						19649	53.7	55.7	2.00			
				57.0-57.7m altered basalt? With specks of chalcocite.	LC 15	19650	55.7	57.7	2.00			

				57.0m unclear lower contact of the veinbreccia at 15 degrees to core axis.		19651	Blank					
57.7	70.0	6b,g		57.7 -58.5m broken core. Medium to coarse grained amygdaloidal flow. Dense calcite veinlets 58.5-61.0m. 60.8m grounded core, specks of chalcocite in calcite veinlets. 62.0-70.0m Calcite, chlorite amygdules in alight brown coarse grained flow.		19652 19653 19654	57.7 59.7 61.7	59.7 61.7 63.7	2.00 2.00 2.00			
70.0	80.0	6b,g		Brownish-grey, coarse amygdaloidal flow. Chlorite, calcite amygdules. Rare calcite veining. 70.0-70.4m flow top breccia 72.1m 1 cm calcite vein at 30 degrees to core axis. 72.7-73.2m 1cm quartz-calcite vein with specks of chalcocite at 45 degres to core axis. Epidote veinlets with blebs of chalcocite sub-parallel to core axis. 78.7-80.0m small blebs, veinlets and specks of chalcoite in a fine grained grey lower portion of the flow. Odd calcite veinlets at 15 degrees to core axis.	V 30 V 15	19655 19656 19657 19658 19659 19660 19661	71.0 72.0 73.3 75.3 77.3 78.5 Blank	72.0 73.3 75.3 77.3 78.5 80.0	1.00 1.30 2.00 2.00 1.20 1.50			
80.0	93.1	6b,g		Brownish-grey coarse amygdaloidal flow. Calcite, k-feldspar and chlorite amygdules. Disseminated specular hematite. 80.0-80.2m flow top breccia with calcite veinlets. 82.2m blebs and veinlets of chalcocite. Calcite veinlet at 45 degrees to core axis with specks of chalcocite. 85.0-89.0m weak epidote alteration, odd calcite veinlets at 45 and 60 degrees to core axis. 89.0-93.1m fine grained brown, tiny chlorite amygdules. Rare calcite veinlets.	V 45 V 45 V 60	19662 19663 19664	80.0 81.5 82.5	81.5 82.5 84.0	1.50 1.00 1.50			
93.1	99.4	6b,g		Light brown, coarse amygdaloidal flow. Calcite, K-feldspar amygdules. Odd calcite veinlets at 45 degrees to core axis. Chlorite amygdules towards the lower contact.	V 45							
99.4	**116.8**	6b,g		Medium to coarse grained brownish-grey amygdaloidal flow. 99.4-103.0m calcite, zeolite amygdules in a light brown medium grained basaltic flow. 104.25-104.50m blebs and specks of chalcocite in a 10 cm veinbreccia at 45 degrees to core axis. 107.5-116.8m patches of moderate to strong epidote alteration odd epidote amygdules. Rare calcite veinlets.		19665 19666 19667	102.4 103.8 104.5	103.8 104.5 106.0	1.40 0.70 1.50			
116.8	124.6	6b,g		Coarse amygdaloidal flow. Calcite and epidote amygdules. Patchy moderate to strong epidote alteration. Weak hematite alteration. Rare calcite veinlets.								
124.6	147.5	6b,g		Coarse grained amygdaloidal basalt. Large (cm size) calcite, epidote, agate amygdules scattered through a weakly epidotized matrix. Tiny chlorite amygdules. Coarse disseminated specular hematite. 133.0-140.0m moderate to strong epidote alteration. Odd fracture filling calcite veinlets at 10 and 20 degrees to core axis.	V 10 V 20							
147.5	152.0	6b		Brownish-grey, medium grained amygdaloidal flow. Calcite, chlorite amygdules. Odd fracture filling calcite veinlets at 10 degrees to core axis.	V 10							

152.0	160.0	6b		Fine grained, brownish-grey amygdaloidal flow. 152.0-154.5m abundant calcite amygdules. 155.0-157.0m chlorite amygdules. Rare fracture filling calcite and laumonite veinlets. 153.5m 1-2cm calcite vein at 25degrees to core axis with tiny specks of chalcocite.	V 25	19668	153.0	153.8	0.80			
160.0	167.2	6b		Fine to medium grained, grey amygdaloidal flow. Calcite amygdules on top and chlorite few calcite amygdules towards the lower section. Zeolite veinlet sub-parallel to core axis, calcite veinlet at 45 degrees to core axis. Moderately magnetic.	V 45							
167.2	176.05	7a		Polymigtic conglomerate. Granite, gneiss, minor basaltic clasts in a locally calcite rich matrix. Upper contact sharp at 85 degrees to core axis. Lower contact at 85 degrees to core axis.	UC 85 LC 85							
176.05	179.0	6b		Fine grained, brown, magnetic amygdaloidal flow. 176.05-177.5m abundant calcite amygdules. 177.5-179.0m chlorite, calcite and agate amygdules. 2-3cm quartz-calcite veinlest at 10 degrees to core axis. 179.0m E.O.H.								

	NIKOS EXPLORATIONS LTD DIAMOND DRILL LOG	Property: COPPERCORP	Township: RYAN	Claim:	Hole No. CP05-20	Page 1/3
Drilled By: Denis Crites Drill. Start Date: Nov. 23,05	UTM X: 671305mE Completed: Nov. 25,05	UTM Y: 5208724mN Date Logged: Nov. 25-26, 05	Elevation: 261metres Logged By: A. Peshkepia	Azimuth: 60°	Inclination: -50° TD: 182 metres	Dip Test -55°;-55° -56°	Map Ref:

Depth From	Depth To	Rock Type	Graphic Log	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature Angle	Sample No.	Depth from	Depth to	Length metres	Assay Cu (ppm)	Assay Au (ppb)	Assay Ag (ppm)
0.0	10.0	O.B.		Casing								
10.0	12.35	O.B.		Granite, basalt boulders.								
12.35	20.0	7a		Polymigtic conglomerate. Granite, basalt clasts in a calcite rich matrix.								
20.0	26.2	6b		Dark grey-brown, medium grained amygdaloidal basalt. Calcite, chlorite, zeolite amygdules. Abundant specular hematite in the matrix. Odd calcite veinlets sub-parallel to core axis. 24.6-25.0m broken core 25.8-26.2m 3cm quartz-calcite vein at 5 degrees to core axis, with semi-massive chalcocite.		19669 19670 19671 19672	23.0 24.3 25.8 Blank	24.3 25.8 26.2	1.30 1.50 0.40			
26.2	32.8	vbx		Veinbreccia with brown hematite clasts in quartz, carbonate, vuggy silica matrix. 26.4-27.1m broken core. Upper contact at 10 degrees to core axis. 28.4-29.0m lost core, wash. 30.3-30.5m semi-massive chalcocite. 30.5-31.1m broken core. > 4 cm massive chalcocite vein. Veins are sub-parallel to core axis at 10 degrees. 31.1-32.8m broken core. Specks of chalcocite in a calcite, FeO and silica rich matrix.	UC 10 V 10	19673 19674 19675 19676 19677 19678	26.2 27.7 29.5 30.5 Blank 31.1	27.7 29.5 30.5 31.1 32.8	1.50 1.80 1.00 0.60 1.70			
32.8	44.9	6b/vbx		Well veined amygdaloidal basalt. Dense calcite veins and veinlets with blebs of chalcocite.>4cm massive chalcocite vei n at 34.0m, sub-parallel to core axis. 35.1-35.3m broken/lost core. Brownish-grey basalt, calcite amygdules, calcite zeolite, vuggy silica veins from 5 degrees to 90 degrees to core axis. Dense network of calcite and laumonite veins from 40.0-44.9m. Brecciated basalt.		19679 19680 19681 19682 19683 19684 19685 19686 19687	32.8 33.9 Blank 34.5 36.5 38.5 40.0 41.5 43.0	33.9 34.5 36.5 38.5 40.0 41.5 43.0 44.9	1.10 0.60 2.00 2.00 1.50 1.50 1.50 1.50			
44.9	46.9	6b		Fine grained grey, amygdaloidal basalt. Calcite amygdules. Well veined. 45.5m ,3-5cm quartz-carbonate, zeolite veins at 60 and 90 degrees to core axis. Fracture filling calcite veinlets.	V 60 V 90	19688	44.9	46.9	2.00			
46.9	56.0	6b		Fine grain, brownish grey, amygdaloidal basalt. Calcite amygdules. Well veined.		19689 19690	46.9 48.8	48.8 50.1	1.90 1.30			

				49.0-50.0m dense fracture filling calcite, laumonite veinlets with specks of pyrite at 45 degrees to core axis.	V 45	19691 19692 19693	50.1 52.1 54.1	52.1 54.1 56.0	2.00 2.00 1.90			
56.0	60.3	6b		Medium grain, brownish-grey amygdaloidal flow. Chlorite, calcite amygdules. Few fracture filling calcite veinlets. Brecciated near the lower contact. Lower contact at 20 degrees to core axis.	LC 20	19694 19695	56.0 58.1	58.1 60.3	2.10 2.20			
60.3	70.3	6b,g		Medium to coarse grain, amygdaloidal flow. Brecciated the upper contact 60.3-60.8m. Basaltic clasts jn zeolite matrix 62.0m quartz, calcite veins at 90 degrees to core axis. 63.0m vuggy quartz veinlets. 63.9m chalcocite veinlets with blebs of chalcocite. 67.0-68.1m veinbreccia with specks of chalcocite in a calcite matrix. Upper contact 45 degrees to core axis and lower contact at 30 degrees to core axis.	V 90	19696 19697 19698 19699 19700 19701 19702	60.3 61.8 63.3 64.3 Stand. 66.3 68.3	61.8 63.3 64.3 66.3 43P 68.3 70.3	1.50 1.50 1.00 2.00 2.00 2.00			
70.3	78.8	6b		Grey, medium grain, amygdaloidal flow. Calcite chlorite amygdules. 70.3m 10cm veinbreccia with specks of chalcocite at 45 degrees to core axis. 71.15m 3cm calcite vein at 30 degrees to core axis. 75.5m calcite vein at 15 degrees to core axis.	V45 V 30 V 15	19703 19704 19705 19706 19707	70.3 71.0 73.0 75.0 77.0	71.0 73.0 75.0 77.0 78.8	0.70 2.00 2.00 2.00 1.80			
78.8	**80.0**	vbx		Veinbreccia. Brown hematite clasts in a carbonate, silica rich matrix at 65 degrees to core axis with specks and veinlets of chalcocite.	V 65	19708	78.8	80.0	1.20			
80.0	88.95	6b		Medium grain, greenish-grey amygdaloidal flow. Specular hematite in the groundmass. Fracture filling calcite, quartz veinlets. Calcite and chlorite amygdules. Lower contact at 90 degrees to core axis. 85.9m specks of chalcocite in silica veinlets at 10 degrees to core axis.	LC 90 V 10	19709 19710 19711 19712 19713	80.0 82.0 84.0 86.0 87.5	82.0 84.0 86.0 87.5 88.95	2.00 2.00 2.00 1.50 1.45			
88.95	89.7	9a?		Fine grain, brownish-grey mafic dyke? Calcite veinlets with specks of chalcocite. Nonmagnetic. Upper contact 10 degrees to core axis. Lower contact at 45 degrees to core axis.		19714	88.95	89.7	0.75			
89.7	92.6	9a		Fine grained, grey, well fractured, mafic dyke. Nonmagnetic. Blebs and specks of chalcocite in a veinbreccia at 90.0-90.4m. Both contacts at 45 degrees to core axis.		19715 19716 19717	89.7 91.2 Blank	91.2 92.6	1.50 1.40			
92.6	98.55	6b		Medium grain, grey amygdaloidal flow. Calcite amygdules. 96.5-98.2m well veined. Calcite veins at 45 and 70 degrees to core axis. Specular hematite in the groundmass	V 45 V 70	19718 19719 19720	92.6 94.6 96.6	94.6 96.6 98.55	2.00 2.00 1.95			
98.55	110.05	6b		Medium grain, brownish-grey amygdaloidal flow. 98.55-101.0m Large calcite amygdules. 101.0-110.0m calcite and chlorite amygdules. 106.0-110.0m well veined, calcite –zeolite veins at 20 degrees to core axis with specks of chalcocite. 1-2cm in thickness.	V 20	19721 19722 19723 19724 19725 19726	98.55 100.45 102.45 104.45 106.3 108.3	100.45 102.45 104.45 106.3 108.3 110.05	1.90 2.00 2.00 1.85 2.00 1.75			
110.05	116.2	6b		Medium to fine grain amygdaloidal flow. Calcite, chlorite and zeolite amygdules. 111.5m 3cm calcite vein at 20 degrees to core axis with specks of	V 20	19727 19728 19729	110.05 111.25 111.65	111.25 111.65 113.2	1.20 0.40 1.55			

				chalcocite.		19730 19731	113.2 114.7	114.7 116.2	1.50 1.50			
116.2	120.8	6b		Grey amygdaloidal flow. Calcite amygdules. 117.6m 3cm veinbreccia. Basaltic clasts in a calcite matrix at 20 degrees to core axis.. 120.2 1cm calcite vein at 20 degrees to core axis.	V 20 V 20	19732 19733	116.2 118.5	118.5 10.8	2.30 2.30			
120.8	127.8	6b,g		Medium to coarse grain amygdaloidal basalt. Calcite amygdules followed by tiny chlorite amygdules. Weak hematite and epidote alteration.		19734 19735 19736 19737 19738	120.8 122.8 124.8 Stand. 126.3	122.8 124.8 126.3 51P 127.7	2.00 2.00 1.50 1.40			
127.8	128.1	vbx		20 cm veinbreccia. Basalt clasts in calcite and K-feldspar rich matrix. Both contacts sharp at 25 degrees to core axis.	V 25	19739	127.7	128.1	0.40			
128.1	143.6	6b,g		Medium to coarse grain amygdaloidal flow. Greenish-grey. Abundant small chlorite amygdules and a few calcite amygdules. 134.4-135.0m calcite veins with specks of chalcocite at 20 degrees to core axis. Calcite, zeolite veinlets sub-parallel to core axis. Weak and patchy hematite alteration.	V 20	19740 19741 19742 19743 19744	128.1 130.1 132.1 134.1 135.1	130.1 132.1 134.1 135.1 136.7	2.00 2.00 2.00 1.00 1.60			
143.6	148.5	6b		Fine grain, grey, fresh amygdaloidal flow. Calcite amygdules and calcite veinlets.								
148.5	155.0	6b		Grey amygdaloidal basalt. Calcite amygdules near the top of the flow and chlorite amygdules towards the bottom. Calcite zeolite veinlets at 25 degrees to core axis.	V 25							
155.0	163.9	6b		Fine grain, grey fresh amygdaloidal flow. Calcite and chlorite amygdules. Fracture filling calcite veinlets.								
163.9	171.55	7a		Polymigtic conglomerate. Sharp upper contact at 70 degrees to core axis. Basalt, granite and gneiss clasts in a calcite rich matrix. Lower contact at 45 degrees to core axis.	UC 70 LC 45	19745	170.65	171.55	0.90			
171.55	171.9	vbx		20cm veinbreccia with contacts at 45 and 20 degrees to core axis. Specks of chalcocite in a silica and carbonate rich matrix.	V 45 V20	19746	171.55	172.0	0.45			
171.9	182.0	6b		Fine grain, grey, magnetic amygdaloidal basalt. Tiny calcite and chlorite amygdules. Well veined, calcite veins at 20 degrees to core axis. One speck of native copper at 175.9m 181.0m 2cm vbx basalt clasts in a calcite matrix. No sulfides. 182.0m E.O.H.								

NIKOS EXPLORATIONS LTD DIAMOND DRILL LOG

Property: COPPERCORP | Township: RYAN | Claim: | Hole No. CP05-21 | Page 1/2

Drilled By: Denis Crites Drillin. | UTM X: 670198mE | UTM Y: 5209436mN | Elevation: 234m | Azimuth: 240° | Inclination: -50° | Dip Test | Map Ref:

Start Date: Nov.26, 05 | Completed: Nov. 28, 05 | Date Logged: Dec. 2, 05 | Logged By: A. Peshkepia | TD: 197m | -52°;-53° | -53°

Depth		Rock Type	Graphic Log	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To				Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
0.0	13.0			Casing								
15.3	15.7	O.B.		Overburden. Granite, gneiss boulders.								
15.7	41.7	6b		Brownish-grey, medium to coarse grained amygdaloidal basalt. Scattered chlorite, k-feldspar and calcite amygdules. Moderate veining. 15.7m 2cm quartz-calcite vein with specks of bornite and chalcopyrite at 45 degrees to core axis. 17.2m <1cm calcite veinlet with bornite veinlets at 50 degrees to core axis. 27.0m specks of chalcopyrite in calcite veinlets at 60 degrees to core axis. 30.2m chalcopyrite blebs ina <1cm calcite-quartz veinlet at 45 degrees to core axis. 40.0m 4 cm quartz-calcite vein at 40 degrees to core axis.	V 45 V 50 V 60 V 45 V 40	19765 19766 19767 19768 19769 19770 19771 19772 19773 19774 19775 19776	15.7 17.0 18.0 20.0 22.0 23.5 25.0 26.6 27.1 29.1 Blank 30.3	17.0 18.0 20.0 22.0 23.5 25.0 26.6 27.1 29.1 30.3 32.0	1.30 1.00 2.00 2.00 1.50 1.50 1.60 0.50 2.00 1.20 1.70			
41.7	41.9	Vbx?		Calcite-quartz vein at 35 degrees to core axis. One speck of chalcocite.	V 35	19777	41.5	42.0	0.50			
41.9	59.8	6b,g		Medium to coarse grained, brownish amygdaloidal flow. Calcite, chlorite and rare tiny epidote amygdules. Few calcite laumonite veinlets at 30 degrees to core axis.	V 30							
59.8	59.95	vbx		15 cm calcite, laumonite and brown hematite barren veinbreccia. Contacts at 80 degrees to core axis.	V 80	19778	59.8	60.4	0.60			
59.95	80.0	6b,g		Brownish-grey, medium to coarse grained amygdaloidal basalt. Rare scattered calcite, epidote and chlorite amygdules. Odd calcite veinlet at 45 degrees to core axis. 60.3m 8cm veinbreccia with calcite, laumonite and hematite in the matrix at 45 degrees to core axis.	V 45 V 45							
80.0	81.1	6b		Amygdaloidal basalt. Calcite amygdules. Coarse disseminated specular hematite. 80.0m calcite, laumonite veinlets at 15 degrees to core axis. 80.7m specks of chalcocite ina 1cm calcite veinlet at 45 degrees to core axis.	V 15 V 45	19779 19780	80.0 Stand.	81.1 43P	1.10			
81.1	81.4	vbx		Veinbreccia. Hematized basaltic clasts in calcite matrix at 45 degrees to core axis.	V 45	19781	81.1	81.6	0.50			
81.4	83.25	6b		Fine grain, greyish-brown amygdaloidal flow. Calcite amygdules.		19782	81.6	83.3	1.70			

83.25	84.5	9a		Fine grain, grey strongly magnetic mafic dyke. well fractured and altered. Upper contact sharp at 40 degrees to core axis. Lower contact broken core.	C 40	19783	83.3	84.5	1.20			
84.5	**197.0**	7a		Polymigtic conglomerate. Basalt, gneiss and granite clasts in calcite rich matrix. 167.0-169.7m bedded sandstone? interlayered with the conglomerate. Bedding at 15 degrees to core axis. 197.0m E.O.H.	 B 15	19784 19785 19786	84.5 86.0 88.0	86.0 88.0 89.8	1.50 2.00 1.80			

	NIKOS EXPLORATIONS LTD DIAMOND DRILL LOG		Property: COPPERCORP	Township: RYAN	Claim:	Hole No. CP05-22	Page 1/1
Drilled By: Denis Crites Drill.	UTM X: 670101mE	UTM Y: 5212081mN	Elevation: 245m	Azimuth: 240°	Inclination: -60°	Dip Test	Map Ref:
Start Date: Nov. 29, 05	Completed: Nov. 29, 05	Date Logged: Dec. 1, 05	Logged By: A.Peshkepia		TD: 50	-63°	

Depth		Rock Type	Graphic Log	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To				Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
0.0	0.6	O.B.		Casing								
0.6	12.6	6a,b		Medium grain, greenish-grey basalt. Tiny carbonate filled amygdules. Coarse specular hematite in the groundmass. Well fractured, carbonate, zeolite veinlets at 45 degrees to core axis. 6.9m 3cm veinbreccia at 25 degrees to core axis with a quartz-carbonate matrix. 7.5m 2cm calcite vein at 45 degrees to core axis. 9.1-9.3m calcite and vuggy silica veinlets at 45 degrees upper contact and 90 degrees lower contact to core axis. 9.5m 3cm quartz calcite vein at 30 degrees to core axis.	V 45 UC 45 LC 90 V 30	19748 19749 19750 19751	6.0 8.0 9.5 11.0	8.0 9.5 11.0 12.6	2.00 1.50 1.50 1.60			
12.6	14.2	vbx		Veinbreccia with basalt and hematite clasts in a carbonate and silica rich matrix. Contacts at 45 degrees to core axis. Not mineralized. Massive calcite vein at 13.9-14.0m. Broken/lost core 12.7-13.6m and 13.9-14.0m.	V 45	19752	12.6	14.2	1.60			
14.2	32.0	6b,g		Brownish, coarse amygdaloidal flow. Calcite, chlorite and zeolite amygdules ina weakly hematized matrix. Coarse oxidized specular hematite. 15.0m calcite vein at 60 degrees to core axis. 31.7m 2-5mm fracture filling massive chalcocite and epidote veinlet at 45 degrees to core axis.	V 60 V 45	19753 19754 19755	14.2 30.0 31.5	16.2 31.5 32.0	2.00 0.50 1.50			
32.0	50.0	6b		Light brown-grey fresh amygdaloidal flow. Abundant calcite and chlorite amygdules. Few calcite veinlets. 50.0m E.O.H.		19756	32.0	33.5	1.50			

	NIKOS EXPLORATIONS LTD DIAMOND DRILL LOG		Property: COPPERCORP Township: RYAN	Claim:	Hole No. CP05-23	Page 1/1
Drilled By: Denis Crites Drillin.	UTM X: 670101mE	UTM Y: 5212081mN	Elevation: 245m Azimuth: 240°	Inclination: -45°	Dip Test	Map Ref:
Start Date: Nov. 29, 05	Completed: Nov. 30, 05	Date Logged: Dec. 1, 05	Logged By: A.Peshkepia	TD: 50.0m	-45°	

Depth		Rock Type	Graphic Log	Description (colour, grain size, texture, mineralization, minerals, alteration)	Planar feature	Sample No.	Depth		Length	Assay		
From	To				Angle		from	to	metres	Cu (ppm)	Au (ppb)	Ag (ppm)
0.0	0.6	O.B.		Casing								
0.6	13.9	6b		Medium grain, greyish amygdaloidal flow. Cm size quartz, agate amygdules. Disseminated specular hematite in the groundmass. 9.2m Quartz-carbonate veins at 30 degrees to core axis. 10.5-10.7m calcite veins at 60 degrees to core axis. 12.9-13.7m calcite veins at 70 degrees to core axis. 13.7-14.0m broken/lost core.	V 30 V 60 V 70	19757 19758 19759	8.6 10.0 12.0	10.0 12.0 13.9	1.40 2.00 1.90			
13.9	15.7	vbx		Veinbreccia, brecciated fine grained brown basalt in acalcite, carbonate, vuggy silica matrix. Brown hematized clasts.. 14.0-14.5m massive calcite vein 14.5-14.7m vuggy silica 15.0-15.3m broken lost core. Lower contact of the veinbreccia at 90? degrees to core axis.	LC 90?	19760 19761	13.9 14.7	14.7 15.7	0.80 1.00			
15.7	16.6	6a		Fine grain, brownish-grey massive basalt. Well veined, calcite veinlets at 90 and 45 degrees to core axis.	V 90 V 45	19762	15.7	16.6	0.90			
16.6	20.6	9a?		Very fine grain, grey magnetic, mafic dyke? Fracture filling calcite veinlets. Lower contact unlear at 10? Degrees to core axis.	LC 10	19763 19764	16.6 18.6	18.6 20.6	2.00 2.00			
20.6	50.0	6b,g		Coarse, brownish-grey, amygdaloidal flow. Calcite, zeolite amygdules. Coarse disseminated specular hematite. Rare calcite veinlets at 45 degrees to core axis. 50.0m E.O.H.	V 45							

APPENDIX 2

Assay Certificates

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 02/08/2005
Invoice No.: A05-2473
Invoice Date: 25/08/2005
Your Reference:

Nikos Exploration Ltd.
326 Rusholme Rd.
Toronto Ontario M6H 2Z5
Canada

ATTN: Roger Moss

CERTIFICATE OF ANALYSIS

96 Rock samples were submitted for analysis.

The following analytical packages were requested.

1A2: Au - Fire Assay AA
1E: Aqua Regia ICP(AQUAGEO.REV1)
8: Code 8-Assays

REPORT **A05-2473**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

C. Douglas Read, B.Sc.
Laboratory Manager

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabs.com ACTLABS GROUP WEBSITE http://www.actlabs.com

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
34762	< 5	< 0.2	116	--
34763	< 5	2.8	7400	--
34764	< 5	< 0.2	385	--
34765	< 5	< 0.2	3020	--
34766	< 5	4.9	642	--
34767	< 5	< 0.2	217	--
34768	< 5	< 0.2	2190	--
34769	< 5	< 0.2	100	--
34770	< 5	3.2	4530	--
34771	< 5	0.4	7520	--
34772	< 5	< 0.2	321	--
34773	6	< 0.2	332	--
34774	< 5	< 0.2	76	--
34775	< 5	0.2	58	--
34776	> 3000	0.3	81	--
34777	26	< 0.2	> 10000	1.25
34778	5	< 0.2	474	--
34779	< 5	< 0.2	18	--
34780	< 5	< 0.2	47	--
34781	6	2.9	707	--
34782	< 5	< 0.2	125	--
34783	< 5	< 0.2	3310	--
34784	7	< 0.2	> 10000	1.67
34785	< 5	< 0.2	576	--
34786	< 5	< 0.2	294	--
34787	< 5	0.6	4030	--
34788	< 5	< 0.2	210	--
34789	< 5	< 0.2	930	--
34790	< 5	< 0.2	52	--
34791	< 5	< 0.2	2450	--
34792	< 5	< 0.2	3090	--
34793	< 5	< 0.2	420	--
34794	< 5	< 0.2	305	--
34795	< 5	< 0.2	960	--
34796	< 5	< 0.2	3670	--
34797	< 5	< 0.2	32	--
34798	15	0.8	> 10000	3.04
34799	< 5	< 0.2	1430	--
34800	< 5	< 0.2	833	--
34801	< 5	< 0.2	172	--
34802	< 5	0.3	909	--
34803	< 5	< 0.2	7350	--
34804	12	0.6	> 10000	1.45
34805	6	2.4	2580	--
34806	< 5	2.4	2100	--
34807	< 5	0.6	2790	--
34808	7	1.1	> 10000	2.25
34809	27	5.7	> 10000	1.95
34810	7	0.8	7530	--
34811	< 5	< 0.2	35	--
34812	< 5	< 0.2	234	--
34813	< 5	< 0.2	379	--

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
34814	5	0.2	3770	--
34815	< 5	< 0.2	198	--
34816	< 5	< 0.2	172	--
34817	< 5	< 0.2	98	--
34818	< 5	< 0.2	826	--
34819	< 5	0.4	72	--
34820	< 5	< 0.2	64	--
34821	< 5	< 0.2	57	--
34822	< 5	2.6	2800	--
34823	< 5	< 0.2	242	--
34824	< 5	0.8	664	--
34825	69	5.1	> 10000	2.97
34826	555	2.1	7700	--
34827	8	< 0.2	145	--
34828	< 5	< 0.2	39	--
34829	< 5	0.4	470	--
34830	< 5	< 0.2	171	--
34831	< 5	0.9	727	--
34832	< 5	< 0.2	30	--
34833	< 5	1.8	2700	--
34834	< 5	< 0.2	542	--
34835	< 5	< 0.2	276	--
34836	< 5	< 0.2	359	--
34837	6	3.4	9730	--
34838	< 5	< 0.2	950	--
34376	< 5	< 0.2	107	--
34377	< 5	< 0.2	76	--
34378	7	0.2	4660	--
34379	< 5	0.9	1150	--
34380	11	0.4	> 10000	1.35
34381	< 5	< 0.2	816	--
34382	< 5	< 0.2	159	--
34383	< 5	< 0.2	104	--
34384	< 5	< 0.2	315	--
34385	< 5	< 0.2	635	--
34386	< 5	< 0.2	1090	--
34387	< 5	< 0.2	118	--
34388	< 5	< 0.2	219	--
34389	< 5	< 0.2	164	--
34390	< 5	< 0.2	56	--
34391	< 5	< 0.2	1370	--
34392	< 5	< 0.2	108	--
34393	< 5	< 0.2	346	--
34394	5	< 0.2	541	--

Quality Control

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
Method Blank		< 0.2	< 1	
GXR-6 Meas		0.3	75	
GXR-6 Cert		1	66	
GXR-2 Meas		19.3	87	
GXR-2 Cert		17.0	76	
GXR-1 Meas		26.8	1150	
GXR-1 Cert		31.0	1110	
GXR-4 Meas		3.5	6950	
GXR-4 Cert		4.0	6520	
34774 Rep Orig		< 0.2	83	
34774 Rep Dup		< 0.2	69	
34788 Rep Orig		< 0.2	212	
34788 Rep Dup		< 0.2	207	
34801 Rep Orig		< 0.2	178	
34801 Rep Dup		< 0.2	166	
34815 Rep Orig		< 0.2	202	
34815 Rep Dup		< 0.2	194	
34838 Rep Orig		< 0.2	958	
34838 Rep Dup		< 0.2	942	
34389 Rep Orig		< 0.2	161	
34389 Rep Dup		< 0.2	167	
Method Blank	5			
OREAS 53P Meas	347			
OREAS 53P Cert	377			
WMG-1 Meas	95			
WMG-1 Cert	110			
UMT-1 Meas	47			
UMT-1 Cert	48			
34765 Rep Orig	< 5			
34765 Rep Dup	6			
34775 Rep Orig	< 5			
34775 Rep Dup	< 5			
34785 Rep Orig	< 5			
34785 Rep Dup	< 5			
34795 Rep Orig	< 5			
34795 Rep Dup	< 5			
34805 Rep Orig	7			
34805 Rep Dup	6			
34815 Rep Orig	< 5			
34815 Rep Dup	< 5			
34825 Rep Orig	73			
34825 Rep Dup	64			
34835 Rep Orig	< 5			
34835 Rep Dup	< 5			
34382 Rep Orig	< 5			
34382 Rep Dup	< 5			
Method Blank				< 0.001
CCU-1C Meas				26.2
CCU-1C Cert				25.6
MP-1a Meas				1.41
MP-1a Cert				1.44
KC-1A Meas				0.634
KC-1A Cert				0.629
CZN-3 Meas				0.678
CZN-3 Cert				0.685

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted:	10/08/2005
Invoice No.:	A05-2602
Invoice Date:	15/09/2005
Your Reference:	COPPERCORP

Nikos Exploration Ltd.
326 Rusholme Rd.
Toronto Ontario M6H 2Z5
Canada

ATTN: Roger Moss

CERTIFICATE OF ANALYSIS

63 Rock samples were submitted for analysis.

The following analytical packages were requested.

1A2: Au - Fire Assay AA
1E: Aqua Regia ICP(AQUAGEO)
8: Code 8-Assays

REPORT **A05-2602**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

C. Douglas Read, B.Sc.
Laboratory Manager

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
34839	< 5	0.3	224	--
34840	< 5	0.6	247	--
34841	10	< 0.2	103	--
34842	< 5	< 0.2	125	--
34843	< 5	< 0.2	221	--
34844	< 5	< 0.2	122	--
34845	< 5	< 0.2	298	--
34846	10	< 0.2	20	--
34847	10	0.6	432	--
34848	< 5	< 0.2	116	--
34849	< 5	< 0.2	83	--
34850	< 5	< 0.2	136	--
34851	2390	0.5	80	--
34852	< 5	< 0.2	82	--
34853	< 5	< 0.2	54	--
34854	15	< 0.2	33	--
34855	< 5	< 0.2	60	--
34856	< 5	1.1	759	--
34857	10	1.2	9660	--
34858	10	0.2	14100	1.53
34859	< 5	< 0.2	211	--
34860	< 5	< 0.2	211	--
34861	5	< 0.2	2790	--
34862	< 5	< 0.2	2140	--
34863	5	< 0.2	141	--
34864	< 5	< 0.2	92	--
34865	< 5	< 0.2	47	--
34866	< 5	< 0.2	88	--
34867	< 5	< 0.2	229	--
34868	< 5	< 0.2	206	--
34869	< 5	< 0.2	417	--
34870	< 5	< 0.2	63	--
34871	< 5	< 0.2	159	--
34872	< 5	< 0.2	117	--
34873	5	< 0.2	199	--
34874	< 5	< 0.2	476	--
34875	< 5	< 0.2	635	--
34876	< 5	< 0.2	57	--
34877	< 5	< 0.2	248	--
34878	10	< 0.2	2080	--
34879	< 5	4.2	904	--
34880	< 5	< 0.2	28	--
34881	5	0.3	4610	--
34882	10	1.8	10300	1.03
34883	< 5	< 0.2	48	--
34884	< 5	< 0.2	2400	--
34885	< 5	< 0.2	669	--
34886	< 5	< 0.2	2210	--
34887	< 5	< 0.2	529	--
34888	< 5	< 0.2	1730	--
34889	< 5	< 0.2	4520	--
34890	400	2.0	7160	--

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
34891	< 5	< 0.2	281	--
34892	20	< 0.2	433	--
34893	< 5	< 0.2	580	--
34894	< 5	< 0.2	381	--
34895	< 5	< 0.2	909	--
34896	< 5	< 0.2	549	--
34897	45	9.8	8360	--
34898	< 5	< 0.2	2060	--
34899	< 5	< 0.2	218	--
34900	< 5	< 0.2	658	--
34901	10	1.3	881	--

Quality Control

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
Method Blank		< 0.2	< 1	
GXR-6 Meas		0.2	77	
GXR-6 Cert		1	66	
GXR-2 Meas		18.7	84	
GXR-2 Cert		17.0	76	
GXR-1 Meas		25.3	1140	
GXR-1 Cert		31.0	1110	
GXR-4 Meas		3.5	6580	
GXR-4 Cert		4.0	6520	
34851 Rep Orig		0.6	80	
34851 Rep Dup		0.5	79	
34865 Rep Orig		< 0.2	46	
34865 Rep Dup		< 0.2	47	
34878 Rep Orig		< 0.2	2050	
34878 Rep Dup		< 0.2	2100	
34892 Rep Orig		< 0.2	408	
34892 Rep Dup		< 0.2	458	
Method Blank				< 0.001
MP-1a Meas				1.44
MP-1a Cert				1.44
KC-1A Meas				0.649
KC-1A Cert				0.629
CZN-3 Meas				0.683
CZN-3 Cert				0.685
SU-1A Meas				0.989
SU-1A Cert				0.967
Method Blank	< 5			
OX123 Meas	1780			
OX123 Cert	1840			
CDN-PGMS-9 Meas	1090			
CDN-PGMS-9 Cert	1040			
34845 Rep Orig	< 5			
34845 Rep Dup	< 5			
34855 Rep Orig	< 5			
34855 Rep Dup	< 5			
34865 Rep Orig	< 5			
34865 Rep Dup	< 5			
34875 Rep Orig	< 5			
34875 Rep Dup	< 5			
34885 Rep Orig	< 5			
34885 Rep Dup	5			
34895 Rep Orig	< 5			
34895 Rep Dup	< 5			

Invoice No.:	A05-2599
Work Order:	A05-2599
Invoice Date:	14-SEP-05
Date Submitted:	10-AUG-05
Your Reference:	COPPERCORP
Account Number:	4317

NIKOS EXPLORATIONS LTD.
326 RUSHOLME RD.
TORONTO, ON
M6H 2Z5
ATTN: ROGER MOSS

CERTIFICATE OF ANALYSIS

55 ROCKS were submitted for analysis.

The following analytical packages were requested. Please see our current fee schedule for elements and detection limits.

REPORT A05-2599 CODE 1E-CU, AG-AQUA REGIA ICP(AQUAGEO)
REPORT A05-2599B CU ASSAY (ASSAY)
REPORT A05-2599C CODE 1A2-FIRE ASSAY AA

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CERTIFIED BY :

DR E.HOFFMAN/GENERAL MANAGER

Aqua Regia Extraction Analysis: Code 1E

SAMPLE	Ag	Cu
	ppm	ppm
34902	-0.2	604
34903	-0.2	370
34904	-0.2	129
34905	-0.2	275
34906	-0.2	255
34907	-0.2	190
34908 (1)	-0.2	258
34908 (2)	-0.2	264
34909	-0.2	417
34910	0.4	8870
34911	-0.2	223
34912	-0.2	34
34913	-0.2	98
34914	-0.2	114
34915	-0.2	132
34916	-0.2	93
34917	-0.2	96
34918	-0.2	243
34919	-0.2	442
34920	-0.2	209
34921	-0.2	180
34922 (1)	-0.2	250
34922 (2)	-0.2	260
34923	-0.2	147
34924	-0.2	83
34925	-0.2	46
34926	-0.2	44
34927	-0.2	62
34928	-0.2	29
34929	-0.2	24
34930	0.6	83
34931	-0.2	28
34932	1.0	1089
34933	0.4	7368
34934	-0.2	113
34935	-0.2	124
34936	-0.2	665
34937	-0.2	2297
34938	0.3	4486
34939	-0.2	335
34940	-0.2	41
34941	1.4	42
34942	-0.2	481
34943	0.3	---
34944	-0.2	332
34945	-0.2	148
34946	-0.2	533
34947	-0.2	313
34948	-0.2	8779
34949	-0.2	139
34950	0.2	1632
34951	-0.2	793
34952	-0.2	22
34953	-0.2	13

Clients are advised to obtain assays for Ag>100 ppm and Pb>5000 ppm due to potential solubility problems.
Values for Cu, Ni, Zn, Mo greater than 1% should be assayed if accuracy better than+/-10-15% is required.
Values above 1% are for informational purposes only and should not be relied upon for promotional or ore reserve calculations. Assays are recommended for this purpose.
Sulphur will precipitate in samples containing massive sulphides.

C. Douglas Read, B. Sc.
Laboratory Manager, Activation Laboratories Ltd.

Negative values indicate less than the detection limit
99999 indicates greater than 10%

Aqua Regia Extraction Analysis: Code 1E

SAMPLE	Ag	Cu
	ppm	ppm
34954	-0.2	31
34955	0.6	422
34956	-0.2	49
34931 Split PULP DUP	-0.2	29
34936 Split PULP DUP	-0.2	689
34951 Split PREP DUP	-0.2	795
Method Blank	-0.2	-1
GXR-6 cert	**1.3**	**66**
GXR-6	0.3	77
GXR-2 cert	**17**	**76**
GXR-2	18.1	82
GXR-1 cert	**31**	**1110**
GXR-1	26.2	1172
GXR-4 cert	**4**	**6520**
GXR-4	3.4	6365

Note: Certificate data underlined are recommended values; other values are proposed except those preceded by a "(" which are information values.

--- See Assay results

Negative values indicate less than the detection limit
99999 indicates greater than 10%

Activation Laboratories Ltd. Work Order No. A05-2599 Report No. A05-2599B

Assay Analysis: Code 8

SAMPLE	Cu
	%
34943	1.566
METHOD REAGENT BLANK	-0.001
METHOD REAGENT BLANK	-0.001
CZn-3 CERT	0.685
CZn-3	0.683
KC-1a CERT	0.643
KC-1a	0.649
MP-1a CERT	1.440
MP-1a	1.437
CCu-1c CERT	25.62
CCu-1c	*
Su-1a CERT	0.967
Su-1a	0.989

* Requires dilution for linear range.
"(" indicates provisional values

C. Douglas Read, B. Sc.
Laboratory Manager, Activation Laboratories Ltd.

Negative values indicate less than the detection limit

Activation Laboratories Ltd. Work Order No. A05-2599 Report No. A05-2599C

Analysis: Code 1A2

SAMPLE	Au ppb
34902	-5
34903	-5
34904	-5
34905	-5
34906	-5
34907	-5
34908	5
34909	-5
34909 /R	5
34910	-5
34911	-5
34912	-5
34913	-5
34914	-5
34915	-5
34916	5
34917	-5
34918	-5
34919	15
34919 /R	-5
34920	-5
34921	-5
34922	-5
34923	-5
34924	-5
34925	-5
34926	6
34927	8
34928	-5
34929	-5
34929 /R	6
34930	2450
34931	-5
34931 PULP DUP	-5
34932	-5
34933	-5
34934	-5
34935	5
34936	-5
34936 PULP DUP	-5

C. Douglas Read, B. Sc.
Laboratory Manager, Activation Laboratories Ltd.

Negative values indicate less than the detection limit

Analysis: Code 1A2

SAMPLE	Au ppb
34937	5
34938	-5
34939	-5
34939 /R	6
34940	-5
34941	-5
34942	-5
34943	-5
34944	-5
34945	-5
34946	-5
34947	-5
34948	-5
34949	-5
34949 /R	-5
34950	-5
34951	-5
34951 PREP DUP	-5
34952	-5
34953	-5
34954	-5
34955	-5
34956	-5
BLANK	-5
CDN-PGMS-9 CERT	1040
CDN-PGMS-9	1150
ROCKLABS Oxl22 CERT	1840
ROCKLABS Oxl23	1800

Negative values indicate less than the detection limit

Quality Analysis... Actlabs Innovative Technologies

Invoice No.: A05-2676
Work Order: A05-2676
Invoice Date: 15-SEP-05
Date Submitted: 15-AUG-05
Your Reference: COPPER CORP

Nikos Exploration Ltd.
326 Rusholme Rd.
Toronto Ontario M6H 2Z5
Canada
ATTN: ROGER MOSS

CERTIFICATE OF ANALYSIS

The following analytical packages were requested. Please see our current fee schedule for elements and detection limits.

REPORT A05-2676 1E-CU&AG-AQUA REGIA ICP(AQUAGEO)
REPORT A05-2676B 1A2-AU FIRE ASSAY AA
REPORT A05-2676C CU ASSAYS

CERTIFIED BY :

DR E.HOFFMAN/GENERAL MANAGER

Aqua Regia Extraction Analysis: Code 1E

SAMPLE	Ag	Cu
	ppm	ppm
34957	-0.2	73
34958	-0.2	118
34959	-0.2	139
34960	2.1	7344
34961	-0.2	115
34962	-0.2	107
34963	-0.2	171
34964	-0.2	164
34965	-0.2	144
34966*	---	---
34967	-0.2	272
34968	-0.2	595
34969 (1)	-0.2	696
34969 (2)	-0.2	702
34970	-0.2	111
34971	-0.2	105
34972	2.8	1556
34973	-0.2	96
34974	0.4	583
34975	-0.2	660
34976	0.2	223
34977	-0.2	595
34978	-0.2	25
34979	-0.2	35
34980	-0.2	29
34981	-0.2	58
34982	-0.2	224
34983 (1)	-0.2	109
34983 (2)	-0.2	105
34984	-0.2	386
34985	-0.2	223
34986	-0.2	166
34987	-0.2	397
34988	-0.2	250
34989	-0.2	186
34990	-0.2	42
34991	-0.2	162
34992	-0.2	238
34993	-0.2	450
34994	-0.2	194
34995	-0.2	270
34996 (1)	-0.2	291
34996 (2)	-0.2	339
34997	-0.2	245
34998	-0.2	364
34999	-0.2	175
35000	0.5	84
34476	-0.2	50
34477	0.3	3992
34478	-0.2	65
34479	-0.2	139
34480	-0.2	289
34481	-0.2	204
34482	-0.2	172
34483	-0.2	58
34484	-0.2	217
34485 (1)	-0.2	147
34485 (2)	-0.2	146

Clients are advised to obtain assays for Ag>100 ppm and Pb>5000 ppm due to potential solubility problems.
Values for Cu, Ni, Zn, Mo greater than 1% should be assayed if accuracy better than+/-10-15% is required.
Values above 1% are for informational purposes only and should not be relied upon for promotional or ore reserve calculations. Assays are recommended for this purpose.
Sulphur will precipitate in samples containing massive sulphides.

C. Douglas Read, B. Sc.
Laboratory Manager, Activation Laboratories Ltd.

Negative values indicate less than the detection limit
99999 indicates greater than 10%

Aqua Regia Extraction Analysis: Code 1E

SAMPLE	Ag	Cu
	ppm	ppm
34486	-0.2	299
34487	-0.2	1807
34488	-0.2	46
34489	-0.2	35
34490	-0.2	20
34491	-0.2	212
34492	-0.2	276
34493	-0.2	250
34494	-0.2	424
34495	-0.2	205
34496	-0.2	194
34497	-0.2	126
34498	-0.2	48
34499	-0.2	30
34500	-0.2	169
20201	1.3	1410
20202	9.9	-----
20203	0.6	2029
20204	-0.2	1217
20205	-0.2	25
20206	0.3	338
20207	-0.2	61
20208 (1)	-0.2	54
20208 (2)	-0.2	54
20209	32.1	3919
20210	-0.2	50
20211	1.6	228
20212	-0.2	198
20213	-0.2	364
20214	-0.2	456
20215	-0.2	328
20216	-0.2	716
20217	-0.2	575
20218	-0.2	135
20219	-0.2	296
20220	1.4	248
20221	-0.2	78
20222 (1)	-0.2	76
20222 (2)	-0.2	77
20223	-0.2	202
34986 Split PULP DUP	-0.2	148
34481 Split PREP DUP	-0.2	195
34491 Split PULP DUP	-0.2	230
20222 Split PULP DUP	-0.2	69
20220 Split PULP DUP	0.6	214
Method Blank	-0.2	-1
GXR-6 cert	**1.3**	**66**
GXR-6	-0.2	71
GXR-2 cert	**17**	**76**
GXR-2	17.0	77
GXR-1 cert	**31**	**1110**
GXR-1	27.4	1223
GXR-4 cert	**4**	**6520**
GXR-4	3.6	6926

Note: Certificate data underlined are recommended values; other values are proposed except those preceded by a "(" which are information values.

* No Sample available

----- See Assay results

Negative values indicate less than the detection limit
99999 indicates greater than 10%

Analysis: Code 1A2

SAMPLE	Au
	ppb
34957	-5
34958	-5
34959	-5
34960	430
34961	-5
34962	-5
34963	-5
34964	-5
34965	30
34965 REPLICATE	-5
34967	-5
34968	-5
34969	-5
34970	-5
34971	-5
34972	5
34973	-5
34974	-5
34975	-5
34976	5
34976 REPLICATE	-5
34977	-5
34978	5
34979	15
34980	-5
34981	10
34982	10
34983	5
34984	35
34985	5
34985 REPLICATE	7
34986	5
34987	10
34988	5
34989	35
34990	5
34991	5
34992	10
34993	5
34994	5

C. Douglas Read, B. Sc.
Laboratory Manager, Activation Laboratories Ltd.

Negative values indicate less than the detection limit

Analysis: Code 1A2

SAMPLE	Au ppb
34995	5
34995 REPLICATE	-5
34996	10
34997	10
34998	10
34999	10
35000	2590
34476	5
34477	-5
34478	-5
34479	10
34480	-5
34480 REPLICATE	5
34481	-5
34481 PULP DUPLICATE	5
34482	-5
34483	-5
34484	5
34485	5
34486	5
34487	5
34488	-5
34489	-5
34490	-5
34490 REPLICATE	-5
34491	-5
34491 PULP DUPLICATE	5
34492	5
34493	-5
34494	-5
34495	-5
34496	-5
34986 PULP DUPLICATE	-5
34497	5
34498	-5
34499	5
34500	-5
34500 REPLICATE	-5
20201	-5
20202	15
20203	-5
20204	-5
20205	5
20206	5
20207	-5
20208	-5

Negative values indicate less than the detection limit

Analysis: Code 1A2

SAMPLE	Au
	ppb
20209	10
20210	-5
20210 REPLICATE	-5
20211	5
20212	10
20213	10
20214	10
20215	10
20216	25
20217	5
20218	-5
20219	-5
20220	20
20220 REPLICATE	10
20220 PULP DUPLICATE	15
20221	-5
20222	190
20222 PULP DUPLICATE	-5
20223	5
BLANK	
CDN-PGMS-9 CERT	1040
CDN-PGMS-9	1053
ROCKLABS OxI22 CERT	1840
ROCKLABS OxI23	1866

Negative values indicate less than the detection limit

Activation Laboratories Ltd. Work Order No. A05-2676 Report No. A05-2676C

Assay Analysis: Code 8

SAMPLE	Cu %
20202	1.200
METHOD REAGENT BLANK	-0.001
METHOD REAGENT BLANK	-0.001
CZn-3 CERT	0.685
CZn-3	0.680
KC-1a CERT	0.643
KC-1a	0.643
MP-1a CERT	1.440
MP-1a	1.435
CCu-1c CERT	25.62
CCu-1c	25.31
Su-1a CERT	0.967
Su-1a	0.957

* Requires dilution for linear range.
"(" indicates provisional values

C. Douglas Read, B. Sc.
Laboratory Manager, Activation Laboratories Ltd.

Negative values indicate less than the detection limit

Date Submitted: 19/08/2005 11:49:49 AM
Invoice No.: A05-2732
Invoice Date: 06/10/2005
Your Reference: Copper Corp

Nikos Exploration Ltd.
326 Rusholme Rd.
Toronto Ontario M6H 2Z5
Canada

ATTN: Roger Moss

CERTIFICATE OF ANALYSIS

60 Rock samples were submitted for analysis.

The following analytical packages were requested: Au - Fire Assay AA
Aqua Regia ICP(AQUAGEO)

REPORT **A05-2732**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

C. Douglas Read, B.Sc.
Laboratory Manager

Analyte Symbol	Au	Ag	Cu
Unit Symbol	ppb	ppm	ppm
Detection Limit	5	0.2	1
Analysis Method	FA-AA	AR-ICP	AR-ICP
20224	< 5	< 0.2	149
20225	< 5	< 0.2	172
20226	< 5	< 0.2	138
20227	6	< 0.2	99
20228	5	< 0.2	90
20229	< 5	< 0.2	101
20230	430	2.1	7090
20231	< 5	< 0.2	188
20232	15	< 0.2	294
20233	< 5	< 0.2	305
20234	< 5	< 0.2	90
20235	< 5	< 0.2	75
20236	< 5	< 0.2	536
20237	< 5	< 0.2	124
20238	< 5	< 0.2	176
20244	< 5	< 0.2	138
20245	< 5	< 0.2	133
20246	< 5	< 0.2	81
20247	< 5	< 0.2	92
20248	< 5	< 0.2	80
20249	< 5	< 0.2	91
20250	< 5	< 0.2	29
20251	< 5	< 0.2	75
20252	< 5	< 0.2	79
20253	< 5	< 0.2	456
20254	< 5	< 0.2	112
20255	< 5	< 0.2	190
20256	< 5	0.8	108
20257	5	< 0.2	418
20258	< 5	< 0.2	14
20259	5	< 0.2	277
20260	< 5	< 0.2	198
20261	< 5	< 0.2	100
20262	20	0.3	851
20263	< 5	< 0.2	519
20264	< 5	< 0.2	71
20265	< 5	< 0.2	39
20266	< 5	< 0.2	61
20267	< 5	< 0.2	78
20268	< 5	< 0.2	75
20269	< 5	< 0.2	56
20270	2740	0.6	72
20271	< 5	< 0.2	33
20272	5	< 0.2	88
20273	5	< 0.2	50
20274	< 5	< 0.2	50
20275	< 5	< 0.2	66
20276	< 5	< 0.2	40
20277	< 5	< 0.2	47
20278	< 5	< 0.2	59
20279	< 5	< 0.2	234
20280	< 5	< 0.2	413

Analyte Symbol	Au	Ag	Cu
Unit Symbol	ppb	ppm	ppm
Detection Limit	5	0.2	1
Analysis Method	FA-AA	AR-ICP	AR-ICP
20281	10	< 0.2	1430
20282	15	< 0.2	875
20283	5	0 3	80
20284	< 5	< 0.2	172
20285	< 5	< 0.2	325
20286	< 5	< 0.2	1260
20287	< 5	< 0.2	1010
20288	< 5	< 0.2	1730

Quality Control

Analyte Symbol	Au	Ag	Cu
Unit Symbol	ppb	ppm	ppm
Detection Limit	5	0.2	1
Analysis Method	FA-AA	AR-ICP	AR-ICP
Method Blank		< 0.2	< 1
GXR-6 Meas		0.3	70
GXR-6 Cert		1	66
GXR-2 Meas		17.4	78
GXR-2 Cert		17.0	76
GXR-1 Meas		26.3	1150
GXR-1 Cert		31.0	1110
GXR-4 Meas		3.3	6100
GXR-4 Cert		4.0	6520
20236 Rep Orig		< 0.2	532
20236 Rep Dup		< 0.2	540
20255 Rep Orig		< 0.2	190
20255 Rep Dup		< 0.2	190
20268 Rep Orig		< 0.2	78
20268 Rep Dup		< 0.2	72
20282 Rep Orig		< 0.2	910
20262 Rep Dup		< 0.2	839
Method Blank	< 5		
OX123 Meas	1780		
OX123 Cert	1840		
CDN-PGMS-9 Meas	1080		
CDN-PGMS-9 Cert	1040		
20233 Rep Orig	5		
20233 Rep Dup	< 5		
20248 Rep Orig	< 5		
20248 Rep Dup	< 5		
20258 Rep Orig	< 5		
20258 Rep Dup	< 5		
20274 Rep Orig	5		
20274 Rep Dup	< 5		
20284 Rep Orig	< 5		
20284 Rep Dup	< 5		

Date Submitted: 25/08/2005
Invoice No.: A05-2820
Invoice Date: 27/09/2005
Your Reference: Copper Corp

Nikos Exploration Ltd.
326 Rusholme Rd.
Toronto Ontario M6H 2Z5
Canada

ATTN: Roger Moss

CERTIFICATE OF ANALYSIS

97 Rock samples were submitted for analysis.

The following analytical packages were requested.

1A2: Au - Fire Assay AA
1E: Aqua Regia ICP(AQUAGEO)
8: Code 8-Assays

REPORT **A05-2820**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

C. Douglas Read, B.Sc.
Laboratory Manager

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabs.com ACTLABS GROUP WEBSITE http://www.actlabs.com

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
20289	< 5	< 0.2	223	--
20290	< 5	< 0.2	111	--
20291	< 5	< 0.2	106	--
20292	< 5	< 0.2	54	--
20293	< 5	< 0.2	190	--
20294	< 5	1.5	2700	--
20295	< 5	0.3	415	--
20296	5	2.6	1950	--
20297	< 5	0.3	480	--
20298	< 5	< 0.2	117	--
20299	< 5	< 0.2	20	--
20300	< 5	< 0.2	4	--
20301	< 5	< 0.2	1	--
20302	< 5	< 0.2	3	--
20303	< 5	< 0.2	3	--
20304	< 5	< 0.2	283	--
20305	380	2.1	7130	--
20306	< 5	< 0.2	8	--
20307	< 5	< 0.2	6	--
20308	< 5	< 0.2	3	--
20309	< 5	< 0.2	3	--
20310	< 5	< 0.2	5	--
20311	< 5	< 0.2	7	--
20312	< 5	< 0.2	6	--
20313	< 5	< 0.2	5	--
20314	< 5	< 0.2	5	--
20315	< 5	< 0.2	26	--
20316	< 5	< 0.2	4	--
20317	< 5	1.0	9	--
20318	15	18.0	7850	--
20319	15	11.5	--	1.52
20320	< 5	< 0.2	99	--
20321	< 5	0.9	182	--
20322	10	10.1	--	1.55
20323	10	16.9	6620	--
20324	< 5	0.2	964	--
20325	5	14.4	--	1.29
20326	5	< 0.2	562	--
20327	< 5	1.3	3150	--
20328	< 5	< 0.2	40	--
20329	< 5	< 0.2	45	--
20330	5	< 0.2	128	--
20331	< 5	< 0.2	341	--
20332	< 5	< 0.2	32	--
20333	< 5	< 0.2	17	--
20334	5	< 0.2	35	--
20335	5	< 0.2	105	--
20336	< 5	< 0.2	104	--
20337	< 5	< 0.2	115	--
20338	< 5	< 0.2	11	--
20339	< 5	< 0.2	6	--
20340	< 5	< 0.2	7	--

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
20341	< 5	< 0.2	9	--
20342	< 5	< 0.2	1550	--
20343	< 5	< 0.2	14	--
20344	< 5	< 0.2	8	--
20345	2160	0.7	76	--
20346	< 5	< 0.2	7	--
20347	< 5	< 0.2	29	--
20348	< 5	< 0.2	62	--
20349	< 5	< 0.2	35	--
20350	< 5	< 0.2	31	--
20351	10	< 0.2	24	--
20352	< 5	4.0	3860	--
20353	< 5	4.4	5300	--
20354	< 5	5.0	5740	--
20355	< 5	< 0.2	233	--
20356	< 5	< 0.2	49	--
20357	< 5	< 0.2	25	--
20358	5	< 0.2	132	--
20359	5	< 0.2	598	--
20360	5	> 100	162	--
20361	5	1.0	352	--
20362	5	0.2	106	--
20363	5	< 0.2	134	--
20364	< 5	< 0.2	163	--
20365	< 5	< 0.2	13	--
20366	< 5	< 0.2	46	--
20367	< 5	< 0.2	65	--
20368	< 5	< 0.2	32	--
20369	< 5	0.4	234	--
20370	< 5	< 0.2	15	--
20371	5	0.3	71	--
20372	< 5	0.2	57	--
20373	10	1.4	1060	--
20374	25	7.2	6710	--
20375	< 5	1.1	1600	--
20376	< 5	< 0.2	1230	--
20377	130	4.5	8920	--
20378	< 5	1.8	3050	--
20379	< 5	2.8	4270	--
20380	< 5	0.5	1020	--
20381	< 5	< 0.2	412	--
20382	5	2.4	6920	--
20383	< 5	< 0.2	46	--
20384	< 5	< 0.2	320	--
20385	< 5	< 0.2	53	--

Quality Control

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
Method Blank		< 0.2	< 1	
GXR-6 Meas		0.3	76	
GXR-6 Cert		1	66	
GXR-2 Meas		19.3	86	
GXR-2 Cert		17.0	76	
GXR-1 Meas		25.7	1150	
GXR-1 Cert		31.0	1110	
GXR-4 Meas		3.6	6530	
GXR-4 Cert		4.0	6520	
20294 Rep Orig		1.7	2740	
20294 Rep Dup		1.3	2670	
20307 Rep Orig		< 0.2	6	
20307 Rep Dup		< 0.2	6	
20321 Rep Orig		1.0	176	
20321 Rep Dup		0.8	187	
20344 Rep Orig		< 0.2	9	
20344 Rep Dup		< 0.2	6	
20358 Rep Orig		< 0.2	131	
20358 Rep Dup		< 0.2	132	
20371 Rep Orig		0.3	74	
20371 Rep Dup		0.2	69	
20385 Rep Orig		< 0.2	52	
20385 Rep Dup		< 0.2	53	
Method Blank				< 0.001
CCU-1C Meas				25.6
CCU-1C Cert				25.6
MP-1a Meas				1.42
MP-1a Cert				1.44
KC-1A Meas				0.636
KC-1A Cert				0.629
CZN-3 Meas				0.699
CZN-3 Cert				0.685
SU-1A Meas				0.954
SU-1A Cert				0.967
Method Blank	< 5			
OX123 Meas	1620			
OX123 Cert	1840			
CDN-PGMS-9 Meas	1000			
CDN-PGMS-9 Cert	1040			
20297 Rep Orig	< 5			
20297 Rep Dup	< 5			
20307 Rep Orig	< 5			
20307 Rep Dup	< 5			
20317 Rep Orig	< 5			
20317 Rep Dup	< 5			
20327 Rep Orig	< 5			
20327 Rep Dup	15			
20337 Rep Orig	< 5			
20337 Rep Dup	< 5			
20347 Rep Orig	5			
20347 Rep Dup	< 5			
20357 Rep Orig	< 5			
20357 Rep Dup	< 5			
20367 Rep Orig	< 5			
20367 Rep Dup	< 5			
20377 Rep Orig	125			
20377 Rep Dup	135			

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted:	8/29/2005
Invoice No.:	A05-2842
Invoice Date:	9/23/2005
Your Reference:	COPPERCORP

Nikos Exploration Ltd.
326 Rusholme Rd.
Toronto Ontario M6H 2Z5
Canada

ATTN: Roger Moss

CERTIFICATE OF ANALYSIS

37 Rock samples were submitted for analysis.

The following analytical packages were requested.
1A2: Au - Fire Assay AA
1E: Aqua Regia ICP(AQUAGEO)

REPORT **A05-2842**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

C. Douglas Read, B.Sc.
Laboratory Manager

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabs.com ACTLABS GROUP WEBSITE http://www.actlabs.com

Analyte Symbol	Au	Ag	Cu
Unit Symbol	ppb	ppm	ppm
Detection Limit	5	0.2	1
Analysis Method	FA-AA	AR-ICP	AR-ICP
20386	< 5	< 0.2	83
20387	< 5	< 0.2	24
20388	< 5	< 0.2	22
20389	40	< 0.2	17
20390	< 5	< 0.2	13
20391	< 5	< 0.2	20
20392	< 5	0.3	27
20393	6	< 0.2	189
20394	440	2.0	6410
20395	< 5	< 0.2	174
20396	6	< 0.2	3
20397	< 5	< 0.2	5
20398	< 5	< 0.2	17
20399	< 5	< 0.2	65
20400	< 5	< 0.2	164
20401	< 5	< 0.2	431
20402	< 5	0.3	1460
20403	< 5	< 0.2	383
20404	< 5	< 0.2	169
20405	< 5	< 0.2	249
20406	< 5	0.2	124
20407	< 5	< 0.2	70
20408	< 5	< 0.2	74
20409	< 5	< 0.2	25
20410	< 5	7.8	60
20411	< 5	< 0.2	51
20412	< 5	< 0.2	43
20413	< 5	< 0.2	24
20414	< 5	< 0.2	85
20415	10	< 0.2	298
20416	< 5	< 0.2	43
20417	< 5	0.6	2450
20418	< 5	0.3	639
20419	< 5	< 0.2	60
20420	10	< 0.2	668
20421	< 5	< 0.2	43
20422	< 5	< 0.2	252

Quality Control

Analyte Symbol	Au	Ag	Cu
Unit Symbol	ppb	ppm	ppm
Detection Limit	5	0.2	1
Analysis Method	FA-AA	AR-ICP	AR-ICP
Method Blank		< 0.2	< 1
GXR-6 Meas		0.3	76
GXR-6 Cert		1	66
GXR-2 Meas		19.3	86
GXR-2 Cert		17.0	76
GXR-1 Meas		25.7	1150
GXR-1 Cert		31.0	1110
GXR-4 Meas		3.6	6530
GXR-4 Cert		4.0	6520
20389 Rep Orig		< 0.2	19
20389 Rep Dup		< 0.2	16
20402 Rep Orig		0.3	1470
20402 Rep Dup		0.3	1440
Method Blank	< 5		
OX123 Meas	1850		
OX123 Cert	1840		
CDN-PGMS-9 Meas	1080		
CDN-PGMS-9 Cert	1040		
20391 Rep Orig	< 5		
20391 Rep Dup	< 5		
20401 Rep Orig	< 5		
20401 Rep Dup	< 5		
20410 Rep Orig	< 5		
20410 Rep Dup	< 5		
20421 Rep Orig	< 5		
20421 Rep Dup	< 5		

Quality Analysis ... Actlabs *Innovative Technologies*

Date Submitted: 8/30/2005 1:06:06 PM
Invoice No.: A05-2868
Invoice Date: 10/25/2005
Your Reference: COPPERCORP

Nikos Exploration Ltd.
326 Rusholme Rd.
Toronto Ontario M6H 2Z5
Canada

ATTN: Roger Moss

CERTIFICATE OF ANALYSIS

121 Rock samples were submitted for analysis.

The following analytical packages were requested:

Code 1A2 Au - Fire Assay AA
Code 1E Aqua Regia ICP(AQUAGEO)
Code 8 Code 8-Assays

REPORT **A05-2868**

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Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

C. Douglas Read, B.Sc.
Laboratory Manager

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabsint.com ACTLABS GROUP WEBSITE http://www.actlabsint.com

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
20423	5	0.2	123	--
20424	< 5	< 0.2	208	--
20425	16	0.6	1970	--
20426	6	0.4	3670	--
20427	< 5	< 0.2	163	--
20428	5	< 0.2	101	--
20429	< 5	< 0.2	69	--
20430	< 5	0.3	122	--
20431	< 5	0.5	219	--
20432	< 5	6.1	248	--
20433	< 5	< 0.2	98	--
20434	< 5	< 0.2	210	--
20435	< 5	< 0.2	17	--
20436	< 5	< 0.2	55	--
20437	345	2.2	7160	--
20438	6	< 0.2	73	--
20439	< 5	< 0.2	62	--
20440	< 5	< 0.2	112	--
20441	< 5	0.4	131	--
20442	< 5	< 0.2	57	--
20443	< 5	< 0.2	218	--
20444	< 5	< 0.2	624	--
20445	< 5	< 0.2	264	--
20446	< 5	1.3	114	--
20447	< 5	< 0.2	179	--
20448	6	< 0.2	190	--
20449	5	< 0.2	207	--
20450	< 5	< 0.2	126	--
20451	< 5	< 0.2	272	--
20452	< 5	< 0.2	238	--
20453	< 5	< 0.2	137	--
20454	< 5	< 0.2	160	--
20455	< 5	< 0.2	344	--
20456	< 5	< 0.2	658	--
20457	< 5	< 0.2	214	--
20458	< 5	1.2	1360	--
20459	21	0.6	366	--
20460	< 5	< 0.2	205	--
20461	< 5	< 0.2	131	--
20462	25	13.8	--	1.46
20463	< 5	10.4	--	1.10
20464	< 5	14.3	--	1.61
20465	< 5	8.5	9950	--
20466	11	17.6	--	2.24
20467	< 5	11.7	--	1.31
20468	< 5	0.9	139	--
20469	< 5	0.2	31	--
20470	< 5	< 0.2	70	--
20471	< 5	< 0.2	34	--
20472	5	< 0.2	321	--
20473	7	0.2	586	--
20474	< 5	0.4	137	--

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
20475	< 5	2.4	4450	--
20476	< 5	< 0.2	249	--
20477	< 5	< 0.2	121	--
20478	6	< 0.2	127	--
20479	< 5	< 0.2	30	--
20480	< 5	< 0.2	59	--
20481	< 5	1.8	2980	--
20482	10	35.0	--	3.34
20483	< 5	0.3	94	--
20484	< 5	1.0	550	--
20485	< 5	5.7	5700	--
20486	< 5	8.5	8050	--
20487	< 5	1.1	2280	--
20488	< 5	3.7	4050	--
20489	< 5	3.1	4470	--
20490	< 5	3.9	2650	--
20491	< 5	0.6	983	--
20492	5	6.6	7710	--
20493	9	14.7	--	1.93
20494	14	15.3	--	1.24
20495	14	30.7	--	3.12
20496	7	10.0	--	1.37
20497	10	9.7	--	1.46
20498	< 5	1.0	1590	--
20499	< 5	1.8	2700	--
20500	22	10.2	--	1.52
20501	15	10.3	--	1.56
20502	< 5	3.3	5150	--
20503	< 5	< 0.2	66	--
20504	< 5	< 0.2	43	--
20505	< 5	1.2	2490	--
20506	< 5	0.4	1270	--
20507	< 5	< 0.2	51	--
20508	< 5	< 0.2	63	--
20509	< 5	< 0.2	110	--
20510	< 5	0.8	5880	--
20511	< 5	< 0.2	72	--
20512	5	1.4	--	1.24
20513	< 5	< 0.2	2980	--
20514	< 5	< 0.2	85	--
20515	< 5	< 0.2	337	--
20516	< 5	0.7	457	--
20517	9	4.9	--	1.26
20518	< 5	0.8	85	--
20519	< 5	1.0	295	--
20520	< 5	1.8	133	--
20521	< 5	0.3	462	--
20522	< 5	< 0.2	62	--
20523	< 5	< 0.2	130	--
20524	< 5	0.4	850	--
20525	< 5	0.3	1360	--
20526	< 5	< 0.2	273	--

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
20527	< 5	< 0.2	47	--
20528	6	< 0.2	40	--
20529	5	< 0.2	543	--
20530	< 5	< 0.2	77	--
20531	< 5	7.4	669	--
20532	19	0.5	--	1.20
20533	< 5	0.5	1150	--
20534	< 5	0.8	7690	--
20535	< 5	0.3	169	--
20536	< 5	0.4	213	--
20537	< 5	0.7	154	--
20538	< 5	< 0.2	70	--
20539	< 5	< 0.2	142	--
20540	< 5	0.5	64	--
20541	< 5	2.5	2810	--
20542	7	0.2	1600	--
20543	< 5	0.5	2290	--

Quality Control

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
Method Blank		< 0.2	< 1	
GXR-6 Meas		0.3	69	
GXR-6 Cert		1	66	
GXR-2 Meas		17.9	79	
GXR-2 Cert		17.0	76	
GXR-1 Meas		27.5	1130	
GXR-1 Cert		31.0	1110	
GXR-4 Meas		3.4	6370	
GXR-4 Cert		4.0	6520	
20435 Rep Orig		< 0.2	21	
20435 Rep Dup		0.2	14	
20449 Rep Orig		< 0.2	211	
20449 Rep Dup		< 0.2	204	
20462 Rep Orig		13.5		
20462 Rep Dup		14.1		
20476 Rep Orig		< 0.2	254	
20476 Rep Dup		< 0.2	244	
20499 Rep Orig		1.8	2710	
20499 Rep Dup		1.8	2690	
20513 Rep Orig		< 0.2	3090	
20513 Rep Dup		< 0.2	2880	
20526 Rep Orig		< 0.2	293	
20526 Rep Dup		< 0.2	252	
Method Blank	< 5			
OX123 Meas	1850			
OX123 Cert	1840			
CDN-PGMS-9 Meas	1010			
CDN-PGMS-9 Cert	1040			
Method Blank				< 0.001
CCU-1C Meas				24.6
CCU-1C Cert				25.6
MP-1a Meas				1.43
MP-1a Cert				1.44
KC-1A Meas				0.646
KC-1A Cert				0.629
CZN-3 Meas				0.694
CZN-3 Cert				0.685
SU-1A Meas				0.975
SU-1A Cert				0.967
20512 Rep Orig				1.24
20512 Rep Dup				1.23
Method Blank	< 5			
OX123 Meas	1850			
OX123 Cert	1840			
CDN-PGMS-9 Meas	1010			
CDN-PGMS-9 Cert	1040			

Quality Analysis ... *Innovative Technologies*

Date Submitted:	01/09/2005 2:23:02 PM
Invoice No.:	A05-2919
Invoice Date:	02/11/2005
Your Reference:	COPPERCORP

Nikos Exploration Ltd.
326 Rusholme Rd.
Toronto Ontario M6H 2Z5
Canada

ATTN: Roger Moss

CERTIFICATE OF ANALYSIS

109 Rock samples were submitted for analysis.

The following analytical packages were requested:

Code 1A2 Au - Fire Assay AA
Code 1E Aqua Regia ICP(AQUAGEO)
Code 8 Code 8-Assays

REPORT **A05-2919**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Eric Hoffman, Ph.D.
President/General Manager

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabsint.com ACTLABS GROUP WEBSITE http://www.actlabsint.com

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
20544	< 5	0.9	425	--
20545	24	5.0	--	3.73
20546	< 5	< 0.2	210	--
20547	10	3.6	--	1.78
20548	< 5	1.1	2850	--
20549	< 5	0.5	248	--
20550	< 5	0.5	6330	--
20551	< 5	0.3	677	--
20552	< 5	0.6	171	--
20553	< 5	0.5	212	--
20554	< 5	0.4	124	--
20555	7	0.4	902	--
20556	< 5	0.8	26	--
20557	< 5	0.4	288	--
20558	< 5	0.4	373	--
20559	< 5	1.6	1740	--
20560	< 5	5.2	5550	--
20561	< 5	0.5	370	--
20562	< 5	0.3	69	--
20563	< 5	0.4	183	--
20564	< 5	< 0.2	149	--
20565	< 5	< 0.2	394	--
20566	< 5	< 0.2	63	--
20567	< 5	< 0.2	32	--
20568	16	< 0.2	499	--
20569	< 5	0.6	728	--
20570	8	0.6	633	--
20571	6	< 0.2	102	--
20572	18	1.0	8830	--
20573	9	0.4	920	--
20574	162	12.8	--	2.11
20575	15	0.3	211	--
20576	119	1.0	555	--
20577	33	0.9	459	--
20578	186	0.9	300	--
20579	350	0.6	153	--
20580	8	0.7	240	--
20581	6	0.5	222	--
20582	12	0.2	1620	--
20583	< 5	0.2	110	--
20584	22	< 0.2	54	--
20585	< 5	0.3	442	--
20586	< 5	0.3	1730	--
20587	< 5	0.3	348	--
20588	< 5	0.3	75	--
20589	< 5	0.3	79	--
20590 missing	--	--	--	--
20591	< 5	0.2	50	--
20592	423	2.2	7690	--
20593	< 5	0.5	969	--
20594	< 5	< 0.2	192	--
20595	< 5	< 0.2	169	--

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
20596	6	0.4	1200	--
20597	10	< 0.2	119	--
20598	< 5	< 0.2	84	--
20599	< 5	< 0.2	91	--
20600	6	< 0.2	199	--
20601	< 5	< 0.2	22	--
20602	< 5	0.9	2910	--
20603	< 5	< 0.2	160	--
20604	< 5	0.3	218	--
20605	9	0.2	114	--
20606	< 5	< 0.2	63	--
20607	< 5	< 0.2	43	--
20608	< 5	< 0.2	20	--
20609	< 5	< 0.2	33	--
20610	< 5	< 0.2	39	--
20611	< 5	< 0.2	52	--
20612	< 5	0.4	153	--
20613	< 5	< 0.2	18	--
20614	< 5	< 0.2	324	--
20615	< 5	< 0.2	183	--
20616	< 5	< 0.2	47	--
20617	< 5	< 0.2	92	--
20618	438	2.1	7390	--
20619	54	1.2	1670	--
20620	< 5	0.3	122	--
20621	6	2.0	738	--
20622	36	4.0	--	1.15
20623	< 5	< 0.2	35	--
20624	32	2.8	803	--
20625	< 5	0.9	652	--
20626	< 5	1.3	1050	--
20627	< 5	1.4	933	--
20628	158	3.7	848	--
20629	< 5	2.8	960	--
20630	< 5	1.5	570	--
20631	< 5	0.3	254	--
20632	21	0.2	284	--
20633	< 5	0.3	272	--
20634	< 5	0.5	169	--
20635	< 5	0.4	225	--
20636	62	0.6	297	--
20637	< 5	0.2	62	--
20638	< 5	0.3	80	--
20639	< 5	0.3	125	--
20640	< 5	0.3	207	--
20641	< 5	0.3	83	--
20642	< 5	0.3	129	--
20643	< 5	< 0.2	106	--
20644	< 5	0.4	612	--
20645	< 5	0.4	504	--
20646	< 5	< 0.2	27	--
20647	6	0.4	178	--

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
20648	6	0.4	209	--
20649	< 5	< 0.2	11	--
20650	23	< 0.2	4	--
20651	< 5	< 0.2	6	--
20652	< 5	< 0.2	6	--

Quality Control

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
Method Blank		< 0.2	< 1	
GXR-6 Meas		0.3	76	
GXR-6 Cert		1	66	
GXR-2 Meas		16.0	76	
GXR-2 Cert		17.0	76	
GXR-1 Meas		25.5	1130	
GXR-1 Cert		31.0	1110	
GXR-4 Meas		3.4	6210	
GXR-4 Cert		4.0	6520	
20554 Rep Orig		0.3	122	
20554 Rep Dup		0.5	127	
20567 Rep Orig		< 0.2	35	
20567 Rep Dup		< 0.2	30	
20581 Rep Orig		0.5	224	
20581 Rep Dup		0.6	220	
20604 Rep Orig		0.3	225	
20604 Rep Dup		0.3	211	
20618 Rep Orig		2.1	7400	
20618 Rep Dup		2.1	7380	
20631 Rep Orig		0.3	259	
20631 Rep Dup		0.2	248	
20645 Rep Orig		0.3	488	
20645 Rep Dup		0.4	521	
Method Blank				< 0.001
MP-1a Meas				1.41
MP-1a Cert				1.44
KC-1A Meas				0.636
KC-1A Cert				0.629
CZN-3 Meas				0.694
CZN-3 Cert				0.685
SU-1A Meas				0.961
SU-1A Cert				0.967
Method Blank	< 5			
OX123 Meas	1800			
OX123 Cert	1840			
OX123 Meas	1690			
OX123 Cert	1840			
OX123 Meas	1800			
OX123 Cert	1840			
20553 Rep Orig	< 5			
20553 Rep Dup	8			
20563 Rep Orig	< 5			
20563 Rep Dup	< 5			
20573 Rep Orig	9			
20573 Rep Dup	8			
20588 Rep Orig	< 5			
20588 Rep Dup	7			
20598 Rep Orig	< 5			
20598 Rep Dup	< 5			
20608 Rep Orig	< 5			
20608 Rep Dup	< 5			
20623 Rep Orig	< 5			
20623 Rep Dup	< 5			
20633 Rep Orig	< 5			
20633 Rep Dup	< 5			
20643 Rep Orig	< 5			
20643 Rep Dup	< 5			

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted:	29/11/2005 5:32:49 PM
Invoice No.:	A05-4226
Invoice Date:	19/12/2005
Your Reference:	COPPERCORP

Nikos Exploration Ltd.
326 Rusholme Rd.
Toronto Ontario M6H 2Z5
Canada

ATTN: Roger Moss

CERTIFICATE OF ANALYSIS

29 Rock samples were submitted for analysis.

The following analytical packages were requested: Code 1A2 Au - Fire Assay AA
Code 1E Aqua Regia ICP(AQUAGEO)

REPORT **A05-4226**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

C. Douglas Read, B.Sc.
Laboratory Manager

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabsint.com ACTLABS GROUP WEBSITE http://www.actlabsint.com

Analyte Symbol	Au	Ag	Cu
Unit Symbol	ppb	ppm	ppm
Detection Limit	5	0.2	1
Analysis Method	FA-AA	AR-ICP	AR-ICP
19601	551	3.3	3360
19602	6	0.8	655
19603	< 5	< 0.2	17
19604	< 5	< 0.2	31
19605	< 5	0.4	232
19606	< 5	< 0.2	82
19607	< 5	< 0.2	18
19608	< 5	< 0.2	68
19609	6	< 0.2	69
19610	73	0.5	417
19611	< 5	< 0.2	59
19612	< 5	< 0.2	187
19613	6	< 0.2	177
19614	< 5	< 0.2	138
19615	< 5	< 0.2	341
19616	9	7.8	2800
19617	30	3.1	3780
19618	11	9.3	4580
19619	< 5	0.9	286
19620	< 5	< 0.2	41
19621	< 5	< 0.2	6
19622	< 5	< 0.2	55
19623	< 5	0.3	93
19624	< 5	1.4	532
19625	< 5	8.5	722
19626	34	7.9	9360
19627	< 5	7.8	9920
19628	< 5	0.6	507
19629	< 5	< 0.2	63

Quality Control

Analyte Symbol	Au	Ag	Cu
Unit Symbol	ppb	ppm	ppm
Detection Limit	5	0.2	1
Analysis Method	FA-AA	AR-ICP	AR-ICP
GXR-6 Meas		0.3	65
GXR-6 Cert		1	66
GXR-2 Meas		17.6	78
GXR-2 Cert		17.0	76
GXR-1 Meas		27.4	1220
GXR-1 Cert		31.0	1110
GXR-4 Meas		3.7	6750
GXR-4 Cert		4.0	6520
19611 Rep Orig		< 0.2	61
19611 Rep Dup		< 0.2	56
19625 Rep Orig		8.5	694
19625 Rep Dup		8.5	750
Method Blank	< 5		
Method Blank	< 5		
DMMAS-100 Meas	555		
DMMAS-100 Cert	470		
19610 Rep Orig	71		
19620 Rep Orig	< 5		
19610 Rep Dup	74		
19620 Rep Dup	< 5		

Quality Analysis ... *Innovative Technologies*

Date Submitted:	11/30/2005 9:34:58 AM
Invoice No.:	A05-4231
Invoice Date:	12/22/2005
Your Reference:	COPPERCORP

Nikos Exploration Ltd.
326 Rusholme Rd.
Toronto Ontario M6H 2Z5
Canada

ATTN: Roger Moss

CERTIFICATE OF ANALYSIS

39 Rock samples were submitted for analysis.

The following analytical packages were requested:

Code 1A2 Au - Fire Assay AA
Code 1E Aqua Regia ICP(AQUAGEO)
Code 8 Assays

REPORT **A05-4231**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

C. Douglas Read, B.Sc.
Laboratory Manager

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabsint.com ACTLABS GROUP WEBSITE http://www.actlabsint.com

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
19630	< 5	0.9	528	--
19631	< 5	< 0.2	343	--
19632	< 5	< 0.2	414	--
19633	< 5	< 0.2	301	--
19634	< 5	< 0.2	150	--
19635	< 5	0.9	460	--
19636	< 5	< 0.2	295	--
19637	< 5	< 0.2	127	--
19638	< 5	< 0.2	123	--
19639	< 5	2.2	7890	--
19640	423	< 0.2	103	--
19641	< 5	< 0.2	88	--
19642	< 5	< 0.2	144	--
19643	7	27.5	--	1.96
19644	< 5	< 0.2	181	--
19645	< 5	10.2	6460	--
19646	9	7.0	4700	--
19647	< 5	0.7	223	--
19648	< 5	2.8	86	--
19649	< 5	1.1	440	--
19650	5	26.6	--	2.20
19651	< 5	< 0.2	103	--
19652	< 5	6.1	5680	--
19653	< 5	11.6	--	1.11
19654	< 5	< 0.2	294	--
19655	< 5	< 0.2	126	--
19656	< 5	1.2	8390	--
19657	< 5	0.5	3920	--
19658	< 5	< 0.2	107	--
19659	< 5	< 0.2	1540	--
19660	5	3.3	--	2.14
19661	< 5	< 0.2	153	--
19662	< 5	0.2	3080	--
19663	7	3.0	--	2.26
19664	< 5	< 0.2	425	--
19665	< 5	< 0.2	1320	--
19666	11	1.1	--	2.74
19667	< 5	< 0.2	248	--
19668	< 5	0.9	2910	--

Quality Control

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
Method Blank	< 5			
Method Blank	< 5			
Rocklabs OX123 Meas	1880			
Rocklabs OX123 Cert	1840			
DMMAS-100 Meas	289			
DMMAS-100 Cert	470			
OREAS 50P Meas	723			
OREAS 50P Cert	720			
19639 Rep Orig	< 5			
19649 Rep Orig	< 5			
19659 Rep Orig	< 5			
19639 Rep Dup	< 5			
19649 Rep Dup	< 5			
19659 Rep Dup	< 5			
GXR-6 Meas		< 0.2	70	
GXR-6 Cert		1	66	
GXR-2 Meas		18.2	79	
GXR-2 Cert		17.0	76	
GXR-1 Meas		26.5	1080	
GXR-1 Cert		31.0	1110	
GXR-4 Meas		3.2	6360	
GXR-4 Cert		4.0	6520	
19637 Rep Orig		< 0.2	127	
19637 Rep Dup		< 0.2	126	
19651 Rep Orig		< 0.2	107	
19651 Rep Dup		< 0.2	98	
19664 Rep Orig		< 0.2	436	
19664 Rep Dup		< 0.2	415	
Method Blank				< 0.001
CCU-1C Meas				25.1
CCU-1C Cert				25.6
MP-1a Meas				1.47
MP-1a Cert				1.44
KC-1A Meas				0.684
KC-1A Cert				0.629
CZN-3 Meas				0.699
CZN-3 Cert				0.685
SU-1A Meas				0.953
SU-1A Cert				0.967

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 06/12/2005 11:10:00 AM
Invoice No.: A05-4330
Invoice Date: 05/01/2006
Your Reference: COPPERCORP

Nikos Exploration Ltd.
326 Rusholme Rd.
Toronto Ontario M6H 2Z5
Canada

ATTN: Roger Moss

CERTIFICATE OF ANALYSIS

79 Rock samples were submitted for analysis.

The following analytical packages were requested:
Code 1A2 Au - Fire Assay AA
Code 1E Aqua Regia ICP(AQUAGEO)
Code 8 Code 8-Assays

REPORT **A05-4330**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

C. Douglas Read, B.Sc.
Laboratory Manager

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabsint.com ACTLABS GROUP WEBSITE http://www.actlabsint.com

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
19669	< 5	< 0.2	221	--
19670	< 5	0.4	176	--
19671	325	24.0	--	3.77
19672	< 5	< 0.2	107	--
19673	13	0.9	1830	--
19674	< 5	0.7	1330	--
19675	11	1.6	3840	--
19676	74	48.2	--	12.5
19677	< 5	< 0.2	89	--
19678	14	2.8	3560	--
19679	15	5.8	6900	--
19680	15	15.6	--	4.40
19681	< 5	< 0.2	45	--
19682	< 5	2.8	9290	--
19683	< 5	< 0.2	295	--
19684	< 5	< 0.2	276	--
19685	< 5	< 0.2	240	--
19686	< 5	< 0.2	396	--
19687	18	0.4	907	--
19688	< 5	< 0.2	648	--
19689	7	< 0.2	981	--
19690	6	0.2	727	--
19691	5	< 0.2	1020	--
19692	< 5	< 0.2	400	--
19693	< 5	< 0.2	343	--
19694	< 5	< 0.2	318	--
19695	< 5	0.3	1520	--
19696	6	2.4	3370	--
19697	13	0.4	979	--
19698	6	2.5	7690	--
19699	< 5	< 0.2	134	--
19700	64	0.2	449	--
19701	< 5	< 0.2	179	--
19702	< 5	< 0.2	464	--
19703	< 5	1.3	2540	--
19704	< 5	< 0.2	416	--
19705	< 5	< 0.2	69	--
19706	7	< 0.2	151	--
19707	< 5	< 0.2	249	--
19708	5	5.0	5950	--
19709	< 5	1.6	2000	--
19710	< 5	< 0.2	61	--
19711	< 5	< 0.2	265	--
19712	< 5	< 0.2	40	--
19713	< 5	< 0.2	202	--
19714	8	10.1	--	0.993
19715	< 5	13.1	--	0.977
19716	< 5	3.0	3170	--
19717	< 5	< 0.2	65	--
19718	< 5	6.8	6410	--
19719	< 5	< 0.2	70	--
19720	< 5	4.0	3580	--

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
19721	< 5	0.6	1210	--
19722	< 5	< 0.2	15	--
19723	< 5	< 0.2	29	--
19724	6	< 0.2	27	--
19725	< 5	< 0.2	240	--
19726	< 5	1.1	2140	--
19727	< 5	1.7	4320	--
19728	< 5	< 0.2	1850	--
19729	< 5	< 0.2	53	--
19730	< 5	< 0.2	20	--
19731	< 5	< 0.2	18	--
19732	< 5	< 0.2	160	--
19733	< 5	0.8	642	--
19734	< 5	0.4	1640	--
19735	< 5	< 0.2	125	--
19736	< 5	< 0.2	61	--
19737	419	2.2	7650	--
19738	< 5	< 0.2	145	--
19739	< 5	5.6	139	--
19740	< 5	< 0.2	154	--
19741	< 5	< 0.2	411	--
19742	< 5	< 0.2	234	--
19743	< 5	< 0.2	3740	--
19744	< 5	< 0.2	180	--
19745	< 5	1.5	945	--
19746	< 5	2.8	4300	--
19747	< 5	0.5	1370	--

Quality Control

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Rocklabs OX123 Meas	1710			
Rocklabs OX123 Cert	1840			
DMMAS-100 Meas	479			
DMMAS-100 Cert	470			
OREAS 50P Meas	723			
OREAS 50P Cert	720			
DMMAS-100 Meas	509			
DMMAS-100 Cert	470			
19678 Rep Orig	9			
19688 Rep Orig	6			
19698 Rep Orig	7			
19678 Rep Dup	18			
19688 Rep Dup	< 5			
19698 Rep Dup	5			
19712 Rep Orig	< 5			
19721 Rep Orig	< 5			
19730 Rep Orig	< 5			
19712 Rep Dup	< 5			
19721 Rep Dup	< 5			
19730 Rep Dup	< 5			
19745 Rep Orig	< 5			
19745 Rep Dup	< 5			
GXR-6 Meas		< 0.2	74	
GXR-6 Cert		1	66	
GXR-2 Meas		17.9	80	
GXR-2 Cert		17.0	76	
GXR-1 Meas		28.4	1170	
GXR-1 Cert		31.0	1110	
GXR-4 Meas		3.3	6530	
GXR-4 Cert		4.0	6520	
19681 Rep Orig		< 0.2	43	
19681 Rep Dup		< 0.2	47	
19695 Rep Orig		0.3	1530	
19695 Rep Dup		0.4	1510	
19707 Rep Orig		< 0.2	244	
19707 Rep Dup		< 0.2	254	
19720 Rep Orig		4.8	3520	
19720 Rep Dup		3.1	3640	
19742 Rep Orig		< 0.2	228	
19742 Rep Dup		< 0.2	239	
Method Blank				< 0.001
CCU-1C Meas				25.3
CCU-1C Cert				25.6
MP-1a Meas				1.41
MP-1a Cert				1.44
KC-1A Meas				0.647
KC-1A Cert				0.629
CZN-3 Meas				0.685
CZN-3 Cert				0.685
SU-1A Meas				0.974
SU-1A Cert				0.967

Quality Analysis ... *Innovative Technologies*

Date Submitted:	06/12/2005 11:20:16 AM
Invoice No.:	A05-4331
Invoice Date:	29/12/2005
Your Reference:	COPPERCORP

Nikos Exploration Ltd.
326 Rusholme Rd.
Toronto Ontario M6H 2Z5
Canada

ATTN: Roger Moss

CERTIFICATE OF ANALYSIS

39 Rock samples were submitted for analysis.

The following analytical packages were requested:

Code 1A2 Au - Fire Assay AA
Code 1E Aqua Regia ICP(AQUAGEO)
Code 8 Code 8-Assays

REPORT **A05-4331**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

C. Douglas Read, B.Sc.
Laboratory Manager

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabsint.com ACTLABS GROUP WEBSITE http://www.actlabsint.com

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
19748	< 5	< 0.2	49	--
19749	< 5	< 0.2	71	--
19750	< 5	0.5	216	--
19751	232	2.2	519	--
19752	< 5	0.2	382	--
19753	< 5	< 0.2	558	--
19754	< 5	< 0.2	194	--
19755	< 5	0.7	--	0.939
19756	< 5	< 0.2	842	--
19757	< 5	< 0.2	99	--
19758	< 5	< 0.2	129	--
19759	20	0.6	346	--
19760	< 5	0.4	120	--
19761	< 5	0.2	347	--
19762	< 5	< 0.2	410	--
19763	< 5	< 0.2	169	--
19764	< 5	< 0.2	376	--
19765	32	0.3	1270	--
19766	< 5	< 0.2	35	--
19767	< 5	0.6	1620	--
19768	< 5	0.3	429	--
19769	< 5	< 0.2	159	--
19770	< 5	< 0.2	74	--
19771	< 5	< 0.2	69	--
19772	< 5	< 0.2	296	--
19773	< 5	< 0.2	96	--
19774	< 5	< 0.2	195	--
19775	< 5	< 0.2	14	--
19776	< 5	< 0.2	53	--
19777	61	0.3	240	--
19778	< 5	0.2	122	--
19779	22	0.8	824	--
19780	72	0.2	447	--
19781	9	1.1	375	--
19782	< 5	< 0.2	177	--
19783	< 5	0.4	754	--
19784	< 5	< 0.2	138	--
19785	< 5	0.8	18	--
19786	< 5	< 0.2	167	--

Quality Control

Analyte Symbol	Au	Ag	Cu	Cu
Unit Symbol	ppb	ppm	ppm	%
Detection Limit	5	0.2	1	0.001
Analysis Method	FA-AA	AR-ICP	AR-ICP	ICP-OES
Method Blank	< 5			
Method Blank	< 5			
DMMAS-100 Meas	489			
DMMAS-100 Cert	470			
19757 Rep Orig	< 5			
19767 Rep Orig	< 5			
19777 Rep Orig	43			
19757 Rep Dup	< 5			
19767 Rep Dup	< 5			
19777 Rep Dup	80			
GXR-6 Meas		0.2	71	
GXR-6 Cert		1	66	
GXR-2 Meas		19.7	90	
GXR-2 Cert		17.0	76	
GXR-1 Meas		27.4	1170	
GXR-1 Cert		31.0	1110	
GXR-4 Meas		3.6	6690	
GXR-4 Cert		4.0	6520	
19749 Rep Orig		< 0.2	71	
19749 Rep Dup		< 0.2	70	
19763 Rep Orig		< 0.2	172	
19763 Rep Dup		< 0.2	165	
19782 Rep Orig		0.2	184	
19782 Rep Dup		< 0.2	170	
Method Blank				0.001
CCU-1C Meas				25.5
CCU-1C Cert				25.6
MP-1a Meas				1.44
MP-1a Cert				1.44
KC-1A Meas				0.610
KC-1A Cert				0.629
CZN-3 Meas				0.712
CZN-3 Cert				0.685
SU-1A Meas				0.965
SU-1A Cert				0.967

APPENDIX 3

Duplicates and Standards used in Quality Control

The calculated precision and accuracy for the ICP-OES and INAA analytical methods

Elements (ICP-OES)	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	Be	Ca	K	Mg	P	Sr	Ti	V	Y	S
Precision* (%)	84.18	80.03	95.05	98.41	85.87	97.70	84.01	98.41	87.09	95.55	96.80	93.76	95.58	96.83	94.89	95.18	95.90	90.35	88.30
STDV	20.35	20.15	4.36	1.52	25.08	2.72	20.67	0.82	15.87	5.45	5.63	8.27	5.93	3.73	9.82	6.20	4.28	13.50	25.64
Accuracy** (%)	60.97	61.58	94.78	92.41	69.38	95.89	85.58	94.14	30.77	77.28	87.37	91.28	82.21	74.46	92.22	91.42	95.09	61.71	81.78
STDV	34.46	33.70	3.86	7.43	23.02	4.56	16.03	6.79	9.89	21.44	9.83	6.94	16.19	13.85	7.18	9.27	3.71	22.97	16.02
Accuracy*** (%)						70.27											53.88		
Accuracy*** (%)			98.32			41.37		99.42							91.17		88.12	59.52	

Elements (INAA)	Au	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Mo	Na	Ni	Rb	Sb	Sc	Sn	Sr	Ta
Precision**** (%)	95.87	83.48	87.95	87.85	83.17	94.67	94.09	75.50	95.74	87.21	91.52	93.28	90.70	90.65	73.70	94.37	80.00	96.57	90.00
STDV	14.73	14.51	17.39	29.96	10.81	4.01	7.85	28.52	3.15	13.68	24.60	6.77	23.38	16.75	27.74	5.61	24.69	16.09	27.30
Accuracy** (%)	98.17	98.14	67.64	52.78	83.72	96.33	95.86		99.02	63.56		97.78			95.79	97.38			
STDV	1.61	0.45	8.92	34.20	6.25	2.17	2.21		1.27	21.88		1.82			3.26	2.01			
Accuracy*** (%)	99.12	90.93	74.06			92.95	85.22	50.00		85.33			69.48		5.17	94.57		62.50	
Accuracy*** (%)	99.07		96.28			81.5	70.13						33.33	99.33		45.93			

Elements (INAA)	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu
Precision**** (%)	75.30	76.69	92.99	94.42	95.33	90.42	74.91	93.47	84.69	75.08	91.92	90.12
STDV	23.56	35.80	22.69	5.89	3.63	6.21	22.22	5.15	22.31	31.08	6.16	5.76
Accuracy** (%)	49.28		80.58	90.97	92.16	96.32		91.27	78.78		89.62	91.35
STDV	23.45		2.63	5.89	2.55	2.81		3.65	12.07		2.45	3.44
Accuracy*** (%)	83.20		25.00		96.98	76.82		78.67	74.38		85.78	75.76
Accuracy*** (%)	10.16						38.57					

Note: * Activation Lab. Duplicates

** Activation Lab. standards

*** Nikos Exp. Standards

**** Activation Lab. Split pulp duplicate