

May 2011 Geological Assessment Report for the Copper Creek Claims

Atlin Mining Division

BC Geological Survey
Assessment Report
32306

NTS Map 104 J14
BCGS 104J022
UTM Coordinates (NAD 83, Zone 9): 337000, 6458000

Event # 4863062

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Summary

In late May 2011, UTM Exploration Services Ltd provided personnel to assist Firesteel Resources Ltd. on their Copper Creek property, located approximately 90km west of Dease Lake, B.C. A small backpack drill was used to drill short, localized holes for sampling, in conjunction with prospecting/mapping of the same areas.

Accommodation consisted of a primary tent structure located at the headwaters of Dick Creek. There is a local airstrip that currently provides the only means of access to the property. This north-south airstrip is situated beside a hunting lodge as well as 400m east of the Sheslay River.

Throughout the project, intensive coverage of a small section of the property was conducted by foot of the NE magnetic zone; however, general site access was limited by localized snow coverage, and heavy snowfall eventually required the early shutdown of the project.

Introduction and Terms of Reference

Preparation of this report utilized several existing Assessment Reports and unpublished work completed on the property (see References), compilation of data and development of an historical database, preparation for and review of fieldwork completed between May 4-13, 2011 by UTM Exploration Services Ltd., as well as personal conversations with geologists listed in the References who had previously worked on the Copper Creek claims. Firesteel Resources provided free access to historical data and maps.

Of the authors, Mr. Rensby personally visited and was project manager during the May, 2011 field work. Ms. Ledwon has not yet visited the site.

The History section was taken mainly from Assessment Reports. Geochemical analyses were completed by Acme Analytical Laboratories. Regional and local geology was quoted directly from previous (identified) Assessment Reports.

Property Description and Location

Accessibility, Infrastructure, and Local Resources

The Copper Creek property is located in northwest British Columbia, approximately 90km west of Dease Lake, BC (Figure 1).

There is a local airstrip that currently provides the only means of access to the property, barring horses using old guiding trails from Telegraph Creek to the south. This north-south airstrip is situated beside a local First Nations-owned hunting lodge, as well as 400m east of the Sheslay River.

The access roads to and from the hunting lodge and to and from the property are adequate for quad access only; however, the road access from Dick Creek to Copper Creek is very overgrown and in many parts inaccessible.

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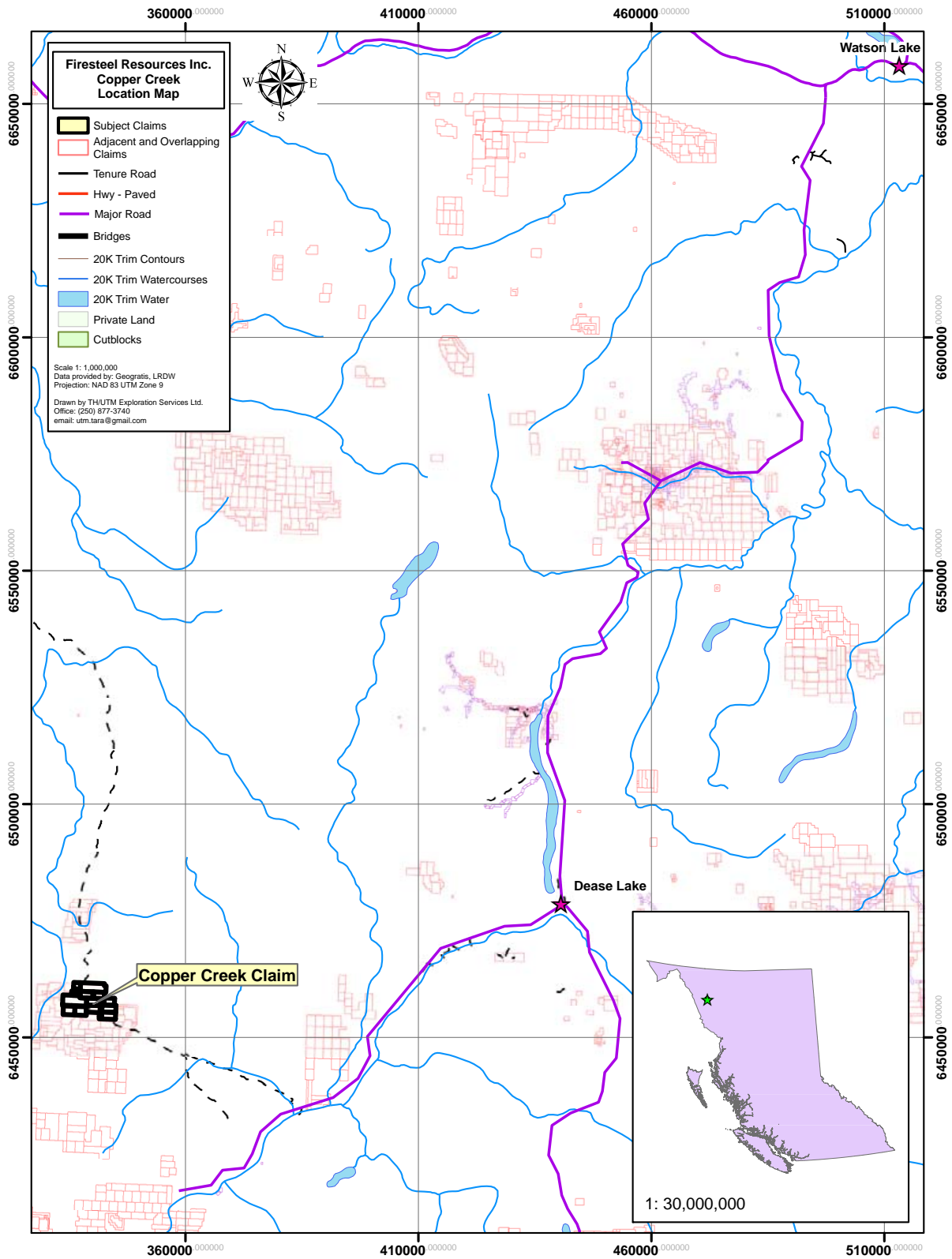


Figure 1. Copper Creek Location Map.

Mineral Tenure Information

The Copper Creek claims consist of 19 contiguous claims (Figure 2) amounting to approximately 7579.6 hectares (Table 1). Firesteel Resources Ltd owns 100% of all claims.

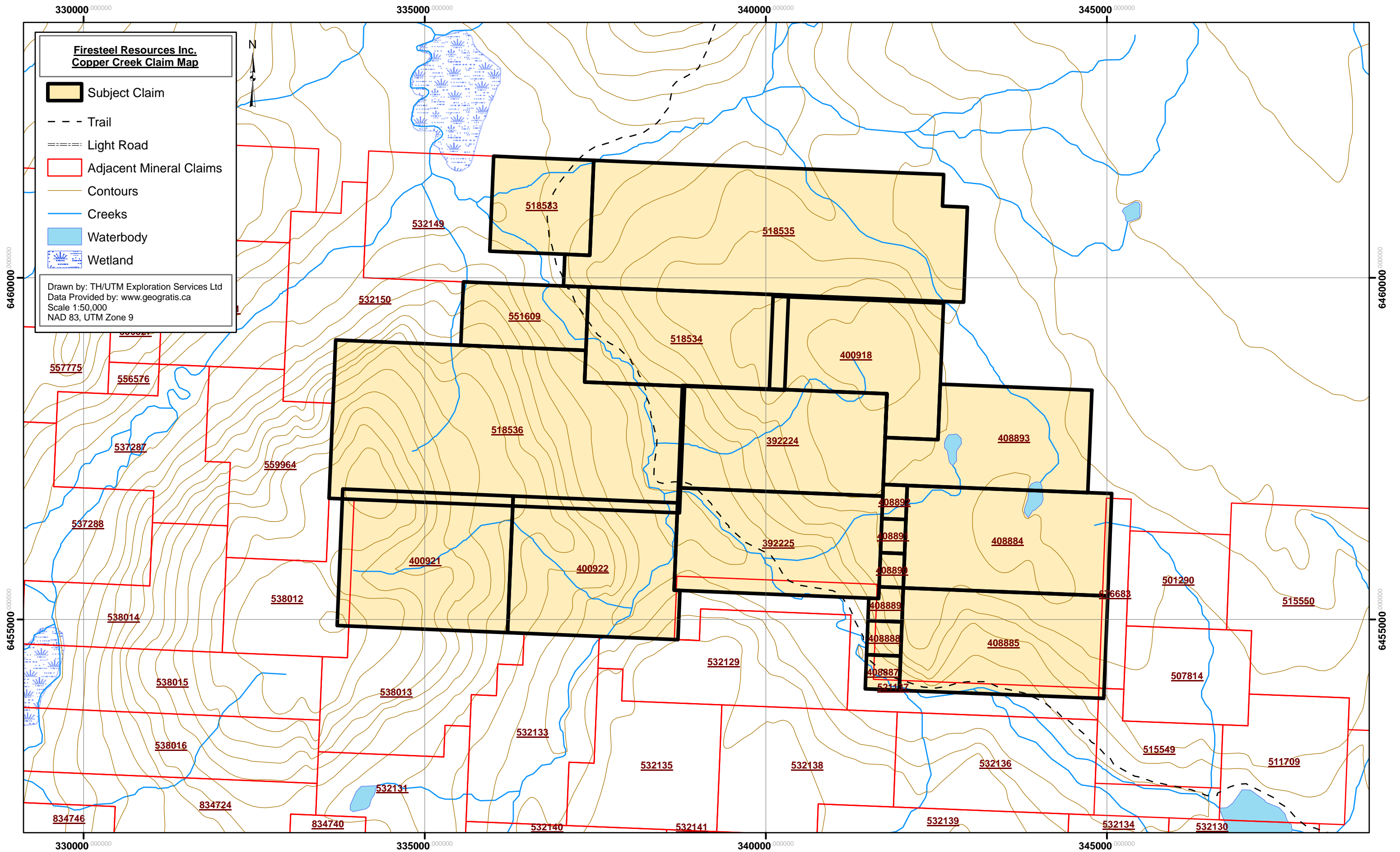


Figure 2. Copper Creek Claim Map.

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Table 1. Copper Creek Mineral Tenure Summary.

Tenure Number	Claim Name	Owner	Tenure Type	Map Number	Issue Date	Good To Date	Status	Area (ha)
392224	COPPER CREEK 1	133018 (100%)	Mineral	104J022	2002/mar/08	2012/jul/8	GOOD	450.0000
392225	COPPER CREEK 2	133018 (100%)	Mineral	104J022	2002/mar/08	2012/jul/8	GOOD	450.0000
400918	CC 2	133018 (100%)	Mineral	104J022	2003/mar/01	2012/jul/8	GOOD	500.0000
400921	PC 3	133018 (100%)	Mineral	104J022	2003/mar/01	2012/jul/8	GOOD	500.0000
400922	PC 4	133018 (100%)	Mineral	104J022	2003/mar/01	2012/jul/8	GOOD	500.0000
408884	CC 3	133018 (100%)	Mineral	104J022	2004/mar/05	2012/jul/8	GOOD	450.0000
408885	CC 4	133018 (100%)	Mineral	104J022	2004/mar/05	2012/jul/8	GOOD	450.0000
408887	CC 6	133018 (100%)	Mineral	104J022	2004/mar/05	2012/jul/8	GOOD	25.0000
408888	CC 7	133018 (100%)	Mineral	104J022	2004/mar/05	2012/jul/8	GOOD	25.0000
408889	CC 8	133018 (100%)	Mineral	104J022	2004/mar/05	2012/jul/8	GOOD	25.0000
408890	CC 9	133018 (100%)	Mineral	104J022	2004/mar/05	2012/jul/8	GOOD	25.0000
408891	CC 10	133018 (100%)	Mineral	104J022	2004/mar/05	2012/jul/8	GOOD	25.0000
408892	CC 11	133018 (100%)	Mineral	104J022	2004/mar/05	2012/jul/8	GOOD	25.0000
408893	CC 12	133018 (100%)	Mineral	104J022	2004/mar/13	2012/jul/8	GOOD	450.0000
518533		133018 (100%)	Mineral	104J	2005/jul/29	2012/jul/8	GOOD	204.2850
518534		133018 (100%)	Mineral	104J	2005/jul/29	2012/jul/8	GOOD	408.7180
518535		133018 (100%)	Mineral	104J	2005/jul/29	2012/jul/8	GOOD	1021.5650
518536		133018 (100%)	Mineral	104J	2005/jul/29	2012/jul/8	GOOD	1124.4330

551609	COPPER NORTH	133018 (100%)	Mineral	104J	2007/feb/11	2012/jul/8	GOOD	170.2900
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Physiography and Climate (Lane, 2005)

Topographic relief ranges from 720m above sea level (asl) at the bottom of the Hackett River Valley to over 1900m asl at the summit of Kaketsa Mountain in the SW corner of the claims.

The moderate to locally steep valley walls of the Hackett River valley generally give way to a plateau in the NE corner of the claims, where a few knobby hills reach elevations of 1250m. The claims occur in an area of warm summers and cold winters, with low to moderate precipitation. The average annual snowfall is 138.0cm. This is in marked contrast to the rugged coastal mountain areas, 50km to the SW, which have much higher precipitation and glaciers. The Hackett River valley has also been the scene of several forest fires in the past [including 2010]. The majority of the claims are covered by immature aspen, and at higher elevations the area is covered by small stunted trees. The treeline occurs at approximately 1400m asl on Kaketsa Mountain. Water for drilling is available in side creeks and small pocket lakes which occupy linear depressions between the headwaters of Dick Creek and Copper Creek.

Exploration History

(The information through 2005 was taken from Lane, 2005).

According to earlier assessment reports, the Copper Creek showing was first discovered in 1937. However the first documented exploration in the area of the showing occurred in 1955 when Brikon Explorations Ltd drilled four holes with an aggregate length of 149 meters to test the Copper Creek occurrence (104J005). Records and drill hole locations are not available.

From 1950 – 1964 Kennco and Newmont worked ground primarily to the west of the Copper Creek claims, near Sheslay River (104J 040) at the Kid (104 J 004), Grizzly (104J 016, Ho (104J 023) and West Kaketsa (104J 024) occurrences.

In 1964, Newmont exploration carried out an airborne magnetometer survey over an area that is covered by the Copper Creek claims of Firesteel Resources Inc in 2003.

From 1958 to 1973, Skyline Explorations Ltd in conjunction with several joint venture partners, carried out grid geochemical sampling, ground geophysics (magnetics), geological mapping, and diamond drilling (6 holes, 1050m) on the Copper Creek occurrence presently covered by the Copper Creek 2 claim of Firesteel and the Pyrrhotite Creek occurrence (105J 018) (9 holes, 1097m) which in 2003 was covered by the PC 1-4 claims. During this period, an IP survey was conducted over the Pyrrhotite Creek showing area. The drilling was never filed for assessment but is mentioned in later reports. Most claims in the area expired in 1975 and 1976.

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United Cambridge Mines restaked the Copper Creek prospect in 1976, and discovered the Dick Creek porphyry copper prospect (104J 005). During 1976 and 1977, United Cambridge carried out geological and geochemical survey work in the Dick Creek area covered in 2003 by the Copper Creek 1 claim. An extensive follow up program of 10 kilometer of bulldozer trenching and road construction was carried out as well.

In 1979, Utah Mines Ltd carried out line cutting, geochemical sampling and geophysical surveying (magnetics and IP) immediately south of the Firesteel's 2003 Copper Creek 2 claims.

Further evaluation of the area between the Dick Creek and Copper Creek mineral occurrences was carried out in 1980 by United Cambridge mines which included soil geochemistry and an IP geophysical survey. Further geological mapping and geochemical sampling was carried out by United Cambridge in this area during 1983 and 1984. A coincident gold-in-soil and IP anomaly was outlined between the Copper Creek and Dick Creek occurrences and an IP anomaly with scattered gold-in-soil values was outlined to the north of the Dick Creek occurrence. These anomalies were covered by Firesteel's Copper Creek property claims in 2003.

Between 1987 and 1989, United Cambridge Mines Ltd shifted their exploration work to the immediate south of the Copper Creek mineral claims in the area in which Utah had worked in 1979. Work included airborne geophysical surveys (magnetics and VLF), geochemical sampling and geological mapping.

In 1991, Golden Ring Resources Ltd commissioned Aerodat Limited to carry out 870 line kilometers of airborne geophysics over 22 claims (including the area covered by Firesteel's Copper Creek property). A data compilation of results of previous exploration programs within the project area was also carried out.

Follow up work (223 soils) in the vicinity of the gold-in-soil with coincident IP anomaly (which United Cambridge previously outlined in 1983-1984 between the Dick Creek and the Copper Creek occurrences) was carried out by Golden Ring Resources in 1992.

In 1996, Erin Ventures conducted 11.2 km of VLF-EM surveys on the North Dick Creek target – a total of 77 soil and 2 rock samples were taken. A VLF-EM and soil grid were completed in an area previously referred to as Helicopter Borne V.L.F. anomaly XV1, which outlined an area at least 60 meters wide by 365 meters long with copper in soils up to 8510 ppm and gold in soils up to 430 ppb. This area was referred to as the North Dick Creek. On the Dick Creek and East Dick Creek occurrences, drill sites were prepared to test the best conductive and geochemical anomalies but mechanical failures allowed for only 21 meters of drilling in four months.

The Cop 1-4 claims held by Paul Sorbara were allowed to lapse in April 2001.

In March 2002, the Copper Creek 1 and 2 claims were staked on behalf of Dave Mehner, Adam Travis and Don Barker. In February 2003, the Copper Creek claims were optioned to Firesteel Resources Inc.

In October 2003, Firesteel Resources focused on a small portion of the property near the Dick Creek showing (MINFILE – 104 J 035) and work consisted of 10.5 line-kilometers of IP and magnetometer surveying and the collection of 460 soil geochemical samples along with partial resampling of two old (1977) trenches (25 chip samples) that had never been continuously sampled for gold.

In 2004, Firesteel Resources carried out a program of geological mapping, backhoe trenching, soil geochemistry and 1555 meters of diamond drilling in seven holes on the Copper Creek property, focusing on the DK zone. The best hole of the program, CUCR 04-05 was angled to the north and cut 0.44% copper and 0.32 grams/tonne gold averaged over its full length of 242 meters, the top 52.3 meters of the hole average 0.80% copper and 0.73 grams/tonne gold (Sutherland, Brown and Carter, 1975).

In 2005, Firesteel Resources completed drill holes totaling 1524 meters and trenched 500 meters in the DK porphyry copper prospect. Quartz stockwork, with chalcopyrite more abundant than pyrite, is developed across the intensely fractured intrusive contact over an area that now measure 500 meters by 500 meters in plan and 250 meters deep. Secondary copper minerals (malachite, azurite and sooty chalcocite) predominate in the upper 30-60 metres from the surface. Supergene copper enrichment is evident from assay data of some holes.

In 2006, Firesteel Resources conducted a further 100m of trenching in the Sevensma prospect areas as well as additional prospecting at selected areas within the property but the report was never published (McEwen, 2006).

In 2007, Firesteel drilled a total of 979.33m to extend known mineralization zones to depth. Additional drilling was done to re-drill and twin past holes. Assay results returned significant mineralization (see Young, 2008 for more detail).

In September, 2010, Firesteel arranged for a short three-day mapping/prospecting/site visit. The purpose was to check access to the claims, state and location of historic drill core, note damage or clearing from forest fires, sample several sites to validate historical data, and touch base with local First Nation families with holdings in the region.

Geological Setting

Regional Geology (Lane, 2005)

The Copper Creek property is located in an island arc setting within the intermontane region known as the Stikine Arch. This area is host to several alkalic porphyry Cu-Au-Mo deposits. In the general area of the property, Upper Triassic Stuhini Group andesitic flow rocks with subordinate sedimentary (tuffaceous) units are intruded by a bulbous, north-easterly elongated quartz diorite pluton. The pluton is at least 1100m long and up to 550m in width and has a multitude of subsidiary dikes. The intrusions are lithologically similar to the nearby Kaketsa pluton and are, therefore, believed to be cogenetic and coeval with the main intrusion that underlies Kaketsa Mountain to the west (Panteleyev, 1981). The Kaketsa pluton is Late Triassic in age.

Local and Property Geology (Lane, 2005)

The Copper Creek occurrence area is underlain by highly fractured, altered Upper Triassic Stuhini Group volcanic flow rocks are interbedded related tuffaceous sediments. Andesite and porphyritic andesite are the dominant rock types and are intruded by Late Triassic and Early Jurassic granodiorite, diorite and monzonite stocks, and monzonite-syenite dikes and sills. Andesitic to basaltic dikes have also been recognized.

Fracturing, shearing and faulting are extensive in and near the mineralized zone. There appears to be at least two shear/fault trends, northeast and northwest.

In the main mineralized area, disseminated and irregular veinlets of chalcopyrite, pyrite and pyrrhotite are associated with epidote-chlorite-actinolite alteration in limonitic volcanic rocks. Some garnet is also found in close association with the mineralization; it appears that the original volcanic sediments in this area were slightly limy to account for the formation of skarn minerals (Gutrath, 1969). Azurite and malachite are evident throughout the main zone. From two to five percent finely disseminated magnetite is associated with the chalcopyrite at the north end of the zone.

Pyrrhotite, with lesser amounts of pyrite and chalcopyrite and minor galena and sphalerite, occurs as massive lenses up to 0.9m wide and 3.6m long in the highly fractured and altered volcanics located to the southeast of the main mineralized zone. A representative sample of a massive 0.6m lens of this mineralization analyzed 1.04% copper, 0.6% lead, 1.84% zinc, 3.4 grams/tonne gold, and 30.8 grams/tonne silver (Gutrath, 1969).

In the area of the prospect, the main mineralization is exposed by trenches on the south-westerly and west-facing slopes immediately to the north of "Dick Creek". Dick Creek is a small, westerly flowing tributary of the Hackett River. In the trenches, mineralization is found near the eastern margin of a small quartz diorite intrusion.

North-westerly zones with crushed, clay-altered rocks form strong linear depressions, and the intervening rocks are broken by northeasterly trending fractures, joints and small faults. Country rocks are fine-grained andesite and porphyritic andesite or basaltic andesite.

Intrusions and adjoining country rocks are weakly hydrothermally altered to a propylitic assemblage. Saussurization and chlorite-actinolite replacement of mafic minerals along with lesser epidote, calcite, magnetite and pyrite are the most widespread alteration type observed. The most pronounced alteration in outcrop is caused by near-surface weathering and oxidation. This supergene alteration results in a partially leached capping of clay altered limonitic rocks up to a few metres in thickness. The rocks are fine granular assemblages of quartz, albite, gypsum, zeolite, muscovite, clay minerals, chlorite, limonite and pyrite. These rocks are more abundant where faults and fractures are most strongly developed. Locally, jarosite and stilbite are present.

The “Dick Creek” showings are similar to other known copper showings associated with the Kaketsa pluton. However, in this locality disseminated chalcopyrite and bornite are more widespread in the quartz diorite intrusion than in the other areas. In the northerly trenches, where weathering and oxidation are most pronounced, mineralization consists of black copper oxide, malachite, brochantite and cupriferous limonite. In the southerly, downhill trenches where rocks are less weathered, mineralization comprises disseminated chalcopyrite and traces of bornite, as well as fracture-controlled malachite and azurite. Where chalcopyrite and bornite are abundant, magnetite is present but pyrite is relatively subordinate or absent. Most commonly, chalcopyrite occurs along or together with pyrite. There appears to be a broad diffuse zone or halo of pyritic rocks surrounding the copper mineralized zone.

Pyrite is the dominant sulphide mineral in volcanic rocks surrounding the quartz diorite intrusion but overall pyrite content rarely exceeds 1%. Copper sulphides generally replace mafic minerals whereas pyrite is present both as disseminations and fracture filling. Distribution of mineralized outcrops and assays from tractor trenches show that areas with average copper content in excess of 0.4% copper are relatively widespread.

Gold values are generally low (average 0.2 gram/tonne) but two samples analysed about 0.5 gram/tonne (Panteleyev, 1981).

Supergene mineralization is restricted to a thin oxidized capping under which there is no appreciable secondary copper sulphide enrichment zone. The copper minerals that have formed are copper oxides, carbonates, sulphates and cupriferous limonites.

A second mineralized zone in volcanic rocks is located east of Dick Creek, about 500 metres east of the trenched showings. A grab sample of the skarn mineralization consisting of epidote, pyrite and fine-grained chalcopyrite and magnetite analyzed 0.72% copper (Schroeter, 1977).

Of particular economic importance is the fact that the area's Cu-Au mineralization extends to surface and is commonly only covered by a thin layer of overburden. Of further economic importance is the fact that a significant portion of the near-surface mineralization consists of non-sulphide Cu (malachite, azurite and chalcocite), derived from the oxidation of chalcopyrite. In a few instances a portion of this non-sulphide Cu mineralization may reflect supergene enrichment.

The main control on mineralization appears to be structural, principally fracturing, shearing and faulting, which controlled emplacement of the disseminated and vein hosted chalcopyrite. The Cu-Au mineralization seems to display little or no preference for one rock type over another, or for one type of pervasive alteration over another, apart from a general association with quartz and pyrite alteration. About 60% of the chalcopyrite defined to date occurs as very fine to fine disseminations, which are commonly associated with fine disseminated pyrite. The ratio of chalcopyrite to pyrite is variable, and it is quite common for either one to be the dominant constituent. The disseminated chalcopyrite most often replaces mafic phenocrysts and small dark patches (shreddy biotite?), and to a lesser extent, magnetite grains and feldspar phenocrysts. The remaining 40% of the chalcopyrite occurs in hairline fractures, in veins millimeters to centimeters in width, and in breccia zones

and knots. Here the chalcopyrite occurs by itself or in association with +/- quartz and/or pyrite. Chalcopyrite also occurs, to a lesser extent, in association with +/- magnetite, K-Spar, epidote, carbonate, ankerite, anhydrite and gypsum. Many of the fractures and veins were filled as a single event; however, a portion of them underwent multiple periods of infilling, as evidenced by an abundance of vein selvages. An encouraging amount of very late stage carbonate veins, associated with +/- chalcopyrite, malachite, azurite, chalcocite and limonite, are also observed. Not surprisingly, unmineralized veins consisting of +/- quartz, magnetite, anhydrite, carbonate, etc, generally occur in far greater concentrations than the Cu-Au mineralized veins, and frequently display crosscutting relationships that suggest changing structural conditions over time. Of particular importance is the fact that only mineralized dykes have been intersected by the drilling to date. No barren dykes have been observed. In fact, one of the more attractive intersections recorded is associated with a monzonite dyke (CC2004-05, 30.21m to 33.0m, 1.18% Cu, 1.20g/t Au). It is characterized by strong pervasive quartz flooding, and abundant disseminated chalcopyrite and pyrite in a lacy sulphide rich texture developed throughout the groundmass.

Mineralization and Alteration (Lane, 2005)

The area drill tested in 2004 is strongly altered in many locations, both at surface and in drill core. Petrographic work by PetraScience Consultants on a limited amount of altered drill core indicated the alteration to be typical of porphyry systems. It is characterized by quartz, shreddy biotite +/- K-felspar +/- magnetite. This potassic alteration is overprinted by chlorite +/- sericite, and a final late carbonate phase. The carbonates present include at least two compositions (calcite, and possible ankeritic carbonate) and occur as both disseminated grains and crosscutting veinlet infill. Gypsum is also present - possibly replacing anhydrite.

An abundance of pervasive quartz to vein quartz alteration was observed in drill core, especially in the westernmost holes, where intervals meters to tens of meter thick were altered to 70-90% quartz. In some places, especially where the quartz was banded, veined or brecciated, the alteration was associated with better than average Cu-Au mineralization. Elsewhere, however, strong, pervasive quartz alteration did not always ensure good Cu-Au values; in fact, it sometimes ensured the opposite. Magnetite alteration is moderately intense to very intense. It primarily occurred as very fine disseminations, in hairline fractures and in very thin veins. The greatest concentrations of magnetite noted to date occur in the laminated, flat lying tuffs. The tendency of chalcopyrite to be sometimes associated with magnetite may make it an important and useful exploration parameter.

The limited amount of petrographic work undertaken suggested an abundance of shreddy biotite (potassic) alteration; unfortunately, its very fine grain size precluded early identification in core and outcrop. However, the tendency of disseminate chalcopyrite to occur in and around mafic minerals suggests that shreddy biotite will be/is an important alteration mineral to log in future drill holes. Minor to moderate amounts of potassium feldspar alteration as veins and patches was encountered in most drill holes. Disseminated and/or vein chalcopyrite was associated with the potassium feldspar in some places; however, in general it was not a preferred host for mineralization. Carbonate and anhydrite veins generally appear to represent later alteration events. However, their frequent association with moderate amounts of chalcopyrite and malachite suggests their occurrence should always

be carefully noted. A discontinuous, moderate to strong pyrite halo exists around the mineralized area. However, a lot more exposure through trenching is needed before the boundary can be established with any certainty. Induced potential chargeability and resistivity results do not clarify the picture all that much, suggesting that the distribution of pyritic alteration is complex.

Structure (Lane, 2005)

A large proportion of the drilled area is very broken, fractured and faulted, which has facilitated the emplacement of a significant portion of the Cu-Au mineralization, and later enabled its near surface oxidation. Good core recovery in the uppermost few meters to tens of meters of the broken ground was often quite challenging. Excavator trenching in similar ground conditions, however, was often very easy and quick to undertake. Most of the fault zones trend east-west, northwest and northeast, rarely north-south. Many of the fault zones are relatively easy to spot on surface because of their tendency to hold and channel surface water. This results in the growth of large spruce trees averaging up to 35 cm in diameter, that grow in very straight lines crosscutting areas of much shorter deciduous trees. This provides a very visual and convenient way to locate the fault zones. Some of the faults display very recent movement, as evidenced from displacements of top soil against altered rock.

2011 Exploration Program

The program was originally intended to be 10 days in duration however the final 2 days of the program were lost to 20 cm of fresh snowfall. Work was conducted by two people prospecting and using a backpack drill.

A two-person field team was designated to explore and reassess the NE zone's magnetic high zones and mineralization as identified by previously collected high-grade samples. The program was also designed to explore a N-S running fault, which is bordered on the East by soil anomalies along its length. Unfortunately, the fault is located in the trees and was entirely snow covered across its extents making the tracking of outcrop or boulders nearly impossible. The 8 days on site involved localized, in-depth prospecting and backpack drilling (Figure 3).

A total of 19 prospecting samples and 17 AQ drill core samples were taken, with a blank and a standard inserted into the sample stream as an additional QA/QC step beyond those carried out by the lab. All parts of the drill cores were sampled so no core storage was required.

Field notes are in Appendix A.

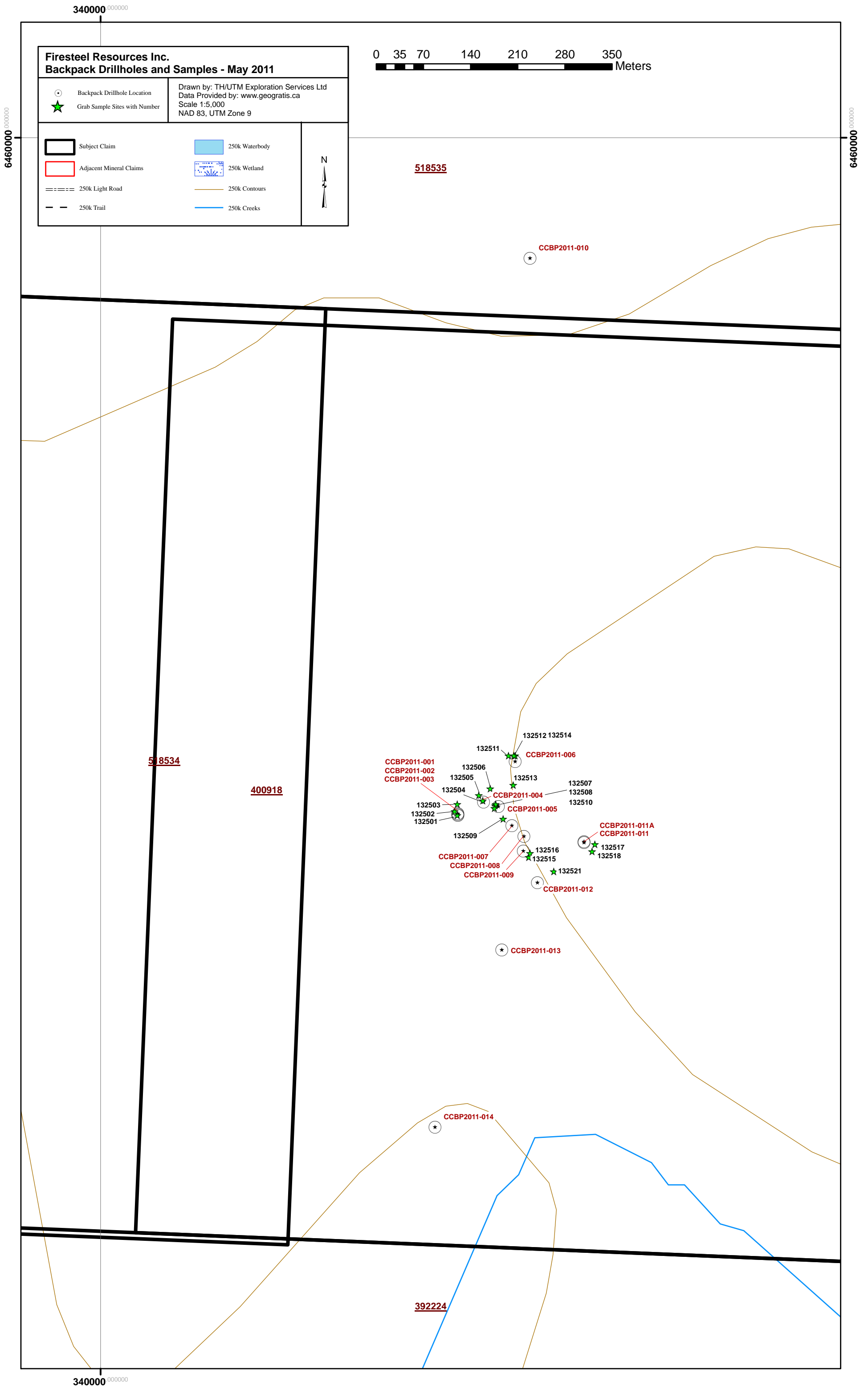


Figure 3. Backpack Drillhole Locations and Sample Sites.

Data Verification

See Appendix B for Certificates of Analysis from Acme Analytical Laboratories. Standards and blanks have been inserted into the sample stream to ensure QA/QC requirements are met during analysis. Please visit Acme's website for complete descriptions of their analytical procedures: www.acmelab.com.

All field samples were brought to Smithers, BC by truck and delivered to Acme's prep lab in town. Samples were prepped there and then sent on to the main laboratories in Vancouver, BC for analysis.

Interpretation, Conclusions and Recommendations

In all, 19 samples were prospected and 15 drillholes (1-14 plus 11A) with 17 individual samples taken were drilled. A minor amount of structural data was also collected, both on surface and in drillholes. It is recommended that future backpack drilling programs use a driller, a geologist, and a driller's helper. This would likely increase total drilling three-fold and double the rate of samples taken. It would also free up the geologist to spend more time mapping.

The sampling yielded samples of moderate mineralization as well as samples of probable weak to no mineralization. For example, north of Dick Creek, which appears to be an ultramafic, hornblende rich outcrop with a very strong magnetic signature, and corresponds with the magnetic image from the historical mag survey.

The property exhibits great potential both in mineable size and grade. After reviewing numerous assessment and Minfile reports on the property, it is apparent that the copper grades, at least near surface, are an average of 0.48% over extensive lengths depending on the drillhole; trenching has reproduced similar numbers with some grab samples as high as 12% copper. Thus far, these numbers have not been reproduced but a more extensive program may take care of this issue.

The onsite topography of the Dick Creek and the Copper Creek areas suggest a large-sized potential deposit as the topography mimics the stratigraphy, so those areas of the Dick Creek and Copper Creek that are under moss or devoid of outcrop and have never been drilled show great potential in continued mineralization on proximity alone.

The extensive roadside locations of outcrop that were splashed with azurite, malachite, pyrite, pyrrhotite and a variety of other (as yet unknown) sulphides demonstrate the promising potential of an area that extends beyond one km in any direction, with deep subsurface drilling yet to establish the true extent to depth.

It is recommended that this property be methodically drilled with the program designed toward that of a resource estimate, and this drilling should be coupled with mapping and prospecting and continued trenching in areas of no outcrop. The area recommended for a program is the Dick Creek to Copper Creek areas only with drilling starting in the Dick Creek zone and systematically moving toward the Copper Creek zone.

Pyrrhotite Creek should see an extensive mapping and prospecting program in conjunction with the drill program.

A two-drill program at 50m-centre spacing across the Dick Creek and Copper Creek areas would provide an indicated resource as opposed to an inferred resource. Once all equipment and necessary provisions are mobbed into site, the project would be an expected three to four million dollars including the final product: a NI 43-101 resource estimate and technical report.

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Transportation		No.	Rate	Subtotal	
Airfare			\$0.00	\$0.00	
Taxi			\$0.00	\$0.00	
truck rental		3.00	\$90.00	\$270.00	
kilometers		1500.00	\$0.70	\$1,050.00	
ATV			\$0.00	\$0.00	
fuel		342.00	\$1.20	\$410.40	
Helicopter (hours)		11	\$1,025.00	\$11,685.00	
Fuel (litres/hour)		1482.00	\$1.65	\$2,445.30	
Other					
				\$15,860.70	\$15,860.70
Accommodation & Food	Rates per day				
Hotel			\$0.00	\$118.72	
Camp	\$140/day/person (2 people x 10days)	20.00	\$140.00	\$2,800.00	
Meals			\$0.00	\$94.63	
				\$3,013.35	\$3,013.35
Miscellaneous					
Telephone	Satellite Phone	0.50	\$360.00	\$180.00	
Other (Specify)	Satellite Phone Minutes	50.00	\$2.00	\$100.00	
	Drill Parts			\$2,425.00	
	Field Supplies			\$62.01	
	Management Fee (15%)			\$3,166.40	
				\$5,933.41	\$5,933.41
Equipment Rentals					
Field Gear (Specify)	Radios x 2 x 0.5 months	1.00	\$56.00	\$56.00	
Other (Specify)					
				\$56.00	\$56.00
Freight, rock samples					
			\$0.00	\$0.00	
			\$0.00	\$0.00	
				\$0.00	\$0.00
<i>TOTAL Expenditures</i>					\$53,733.46

Statement of Qualification

I, Anastasia Ledwon, residing in Telkwa, British Columbia, do hereby certify that:

- a. I am currently employed as a consulting geologist by:

UTM Exploration Services Ltd.
PO Box 5037
Smithers, British Columbia, Canada
V0J 2N0

- b. I graduated from the University of Victoria in 1997 with a B.Sc (With Honours) (With Distinction) in Earth and Ocean Sciences;
- c. I am a Professional Geoscientist (P.Geo) registered with the Association of Professional Engineers and Geoscientists of British Columbia, license #33898, and have been a member in good standing since 2009;
- d. Between 1997 and 2001 I was continuously employed as a geoscientist in research geology and from 2005 until present I have been continuously employed as a geologist in the mineral exploration sector;
- e. I am the P.Geo for UTM Exploration Services and worked in conjunction with the Project Manager, Justin Rensby, on this report. I did not personally visit the property but oversaw every detail of the program, from planning to execution, set up the QA/AC procedures, and have reviewed all of the data collected.

Dated at Telkwa, British Columbia, this 27th day of June, 2011.



Appendix A: Field Notes

Firesteel Resources Ltd.
2010 Copper Creek Assessment Report

Firesteel: Copper Creek May 2011 - Structural Notes

Easting	Northing	Type	Strike	Dip	Special Notes
340568	6459013	S0	9	70	
340590	6459006	frac	35	80	
340590	6459006	S0	128	80	
340628	6458962	S0	144	80	
					Move hole P to 340440 x 6459100 when drilling-- East side of fault/lineament.
					Bone Ck appears very gossaneous from far away-- should be strongly investigated.
					Move hole J 20m East to 340630 x 6459080 -- on flat spot and will still hit veining below.
					Move hole I to 340690 x 6459000

Firesteel Resources Ltd.
2010 Copper Creek Assessment Report

Firesteel: Copper Creek May 2011 - Prospecting Samples

Date	Sample #	UTM East	UTM North	Description	Type
11-05-06	132501	340529	6458993	Qz-Epi altered Dior- Qz Dior. Medium to coarse grained with Epi altered Fspar and Hb sub to euhedral crystals. Qz-Cbate wispy veinlets with 2mm Epi-strong halos. Py 3%-Cpy 1%-0.1% ?Aspy? Purple sulfosat? Present in traces.	S/C
11-05-06	132502	340525	6458999	Repeat of McKeown sample. Fractured, veined, Qz flooded, bleached fine grained andesite. Veining with Mt-Py-Cpy-Chal with Mal stain throughout on fractures. Minor ?Ag?Aspy vfg xtals.	S/C
11-05-06	132503	340529	6459010	Porphyritic andesite with Hb-Fspar xtals to 5mm. Fspar in radiating clusters. Qz-Epi-Cbate vnlets/ swirls/ flood zones with Py 1%-(Cpy) and (Mal-Mt)	O/C
11-05-07	132504	340567	6459015	Porphyritic Andesite with veinlets. Strongly gossaneous rock. Sil-ser-Epi altered with (Cpy-Mal). Vnlets at multiple orientations are Qz-Cbate and discontinuous but to 1cm wide.	S/C
11-05-07	132505	340561	6459023	fine grained Sil-Ser altered Andesite-- almost cherty. Py 3% disseminated as sub to euhedral xtals to 3mm. Minor brecciation.	S/C
11-05-07	132506	340578	6459033	very fine grained andesite to ?felsic?. Strongly Sil'd and weakly Ser altered. Sulphides in clusters- Py 3%- Po (after Py) 3% with minor Mt seams. Minor Fspar p'blasts. Ser-Epi strong in fractures.	
11-05-07	132507	340585	6459008	very fine grained to tuffy andesite with Sil-Ser flooding. Strong Lim. Py 5% fine grained and as blebs disseminated throughout. (Cpy) with Py.	O/C

Firesteel Resources Ltd.
2010 Copper Creek Assessment Report

Firesteel: Copper Creek May 2011 - Prospecting Samples

11-05-07	132508	340586	6459010	strongly Lim-Ht stained, Sil-altered andesite with patchy Ser. Looks like felsics due to Sil alteration. Py 3% disseminated throughout and in wisps with Qz-Po-Cpy.	S/C
11-05-08	132509	340597	6458988	Quartz Diorite- strongly fractured and Sil-Ser altered. Medium grained with Hb xtals to 4mm. Salt and pepper texture with Epi-Ser altered Fspar-Hb.Patchy Py 2%-(Cpy).	O/C
11-05-08	132510	340584	6459004	Sil-Ser altered andesite with strong Lim-Goet on fractures. Py 5% -(Cpy)	O/C
11-05-08	132511	340605	6459082	Repeat of McKeown 12% sample? GPS reading is 11m different but in trees.Series of Qz-Cbate laminated veins to 1cm with Py, (Cpy) and strong gossan-Lim-Goet. Andesite host with Epi flooding and (Mal) on fractures. 1-2% vfg Mt associated with veins.	O/C
11-05-08	132512	340615	6459082	Andesite-- weakly porphyritic-- with Sil-Epi-Chl-Ser alteration. Fine grained Hb, Fspar coarse grained xtals to 3mm. Lim-goet seams. Py 4%-Mt 3%- (Cpy) disseminated throughout and in clusters/ blebs.	O/C
11-05-09	132513	340612	6459038	Dark green-grey amphibolite-hornblendite. Sil- Ser altered with Epi fracture annealer. Some Sil flooding/ wispy veinlets with Py-Po-Mt- (Mal). Local fracture set strike 201 dipping 75 deg to East	O/C
11-05-09	132514	340613	6459082	At contact between AND and AND-P (ash tuff?) with Lim throughout. Pervasive Ser-Sil and patchy Py 3% clusters. (Cpy) and Ht in fractures.	O/C

Firesteel Resources Ltd.
2010 Copper Creek Assessment Report

Firesteel: Copper Creek May 2011 - Prospecting Samples

11-05-09	132515	340635	6458931	In talus area. Sugary Qz-Epi altered AND with clusters of Py-(Cpy). Minor Mt and (Mal)-- no veining apparent.	S/C
11-05-10	132516	340637	6458937	Grey-green, cherty, bleached ?bake/Chill margin? Rock is 80% Qz with Chl-Ser-Epi. Lim-Goet-Py 2%-Po .2%-(Mal) on fractures.	O/C
11-05-11	132517	340733	6458950	Medium green AND. Sil-Ser-Py flooded with 5% Py, 0.5% Cpy and Lim.	O/C
11-05-11	132518	340729	6458940	Sugary Sil-Ser- Chl with 7% Py strong throughout (Cpy). Lim-Goet 2%-(?Mal). Epi patchy as xtals to 2mm. Very gossaneous.	O/C
11-05-11	132519	STD		Standard-CDN-CM-8-- 0.91g/t Au, 0.364% Cu,	
11-05-11	132520	BLK		Blank	
11-05-11	132521	340672	6458910	Laminated, cherty ?seds? Bimodal volcanics? Beds are mm scale alternating light and dark grey, fine grained, and very strongly Sil 15%-Epi 10%-Chl 5% pervasively altered. Patchily Ser altered. Py 3%-Cpy1% patchy in clusters throughout. Some fractures Mal coated.	S/C

Firesteel Resources Ltd.
2010 Copper Creek Assessment Report

Firesteel: Copper Creek May 2011 - Backpack Drilling Notes

Hole	Easting	Northing	Metres drilled	Samples	Sample #'s
CCBP2011-001	340530	6458996	0.49	1	131401
CCBP2011-002	340530	6458994	1.45	1	131402
CCBP2011-003	340530	6458993	1.6	1	131403
CCBP2011-004	340568	6459013	1.28	1	131404
CCBP2011-005	340590	6459006	1.6	1	131405
CCBP2011-006	340615	6459073	3.5	3	131406-408
CCBP2011-007	340610	6458978	1.18	1	131409
CCBP2011-008	340628	6458962	0.64	1	131410
CCBP2011-009	340627	6458940	0.7	1	131411
CCBP2011-010	340637	6459821	0.95	1	131412
CCBP2011-011	340717	6458953	0.33	1	131413
CCBP2011-011A	340717	6458954	0.85	1	131414
CCBP2011-012	340648	6458893	1.51	1	131415
CCBP2011-013	340595	6458793	1.39	1	131416
CCBP2011-014	340496	6458530	0.98	1	131417

Appendix B: Assay Results



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client: UTM Exploration Services Ltd.

Box 5037
Smithers BC V0J 2N0 Canada

Submitted By: Kyler Hardy
Receiving Lab: Canada-Smithers
Received: May 16, 2011
Report Date: May 25, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI11000106.1

CLIENT JOB INFORMATION

Project: CC
Shipment ID: CC2011-001
P.O. Number: FRCC003
Number of Samples: 21

SAMPLE DISPOSAL

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

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

Invoice To: UTM Exploration Services Ltd.
Box 5037
Smithers BC V0J 2N0
Canada

CC: Justin Rensby

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	20	Crush, split and pulverize 250 g rock to 200 mesh			SMI
1DX1	21	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
7AR	1	1:1:1 Aqua Regia Digestion ICP-ES Finish	0.4	Completed	VAN

ADDITIONAL COMMENTS



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



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 Box 5037
 Smithers BC V0J 2N0 Canada

Project: CC
 Report Date: May 25, 2011

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

SMI11000106.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
132501	Rock	2.68	1.0	58.5	0.8	42	<0.1	16.0	7.6	265	3.71	5.1	<0.5	0.6	26	0.1	0.1	<0.1	123	1.44	0.117
132502	Rock	3.11	2.1	>10000	16.4	5044	8.7	46.5	46.8	1651	6.27	23.6	13.4	0.4	21	18.5	0.3	1.0	127	1.16	0.093
132503	Rock	2.36	0.1	17.8	0.9	22	<0.1	20.0	10.3	304	2.38	3.7	<0.5	0.5	53	<0.1	0.2	<0.1	81	1.58	0.103
132504	Rock	2.82	3.7	502.9	0.6	40	0.1	24.8	28.9	765	6.56	42.1	15.1	0.9	38	<0.1	0.3	<0.1	60	2.71	0.124
132505	Rock	2.26	6.7	3017	1.4	46	0.2	41.8	441.9	262	2.28	727.2	120.3	1.8	19	<0.1	0.1	0.2	53	0.82	0.056
132506	Rock	2.61	<0.1	82.5	0.9	15	<0.1	78.6	49.6	208	4.06	5.9	8.0	0.3	83	<0.1	<0.1	<0.1	118	2.58	0.115
132507	Rock	2.30	0.5	307.0	1.2	9	<0.1	17.3	30.4	158	2.92	15.6	2.7	1.0	18	<0.1	0.7	<0.1	49	0.93	0.173
132508	Rock	1.86	3.9	245.5	0.9	21	<0.1	36.9	17.1	143	2.05	23.4	3.5	1.4	14	<0.1	<0.1	<0.1	43	0.54	0.076
132509	Rock	1.46	0.1	42.2	0.5	15	<0.1	203.9	21.8	236	2.55	8.2	1.6	0.7	72	<0.1	<0.1	<0.1	80	2.57	0.110
132510	Rock	1.73	13.6	738.1	2.7	12	0.2	80.4	95.4	140	5.73	54.6	9.6	1.2	35	<0.1	0.4	0.2	117	1.13	0.182
132511	Rock	1.44	0.2	182.2	0.9	16	<0.1	12.4	12.6	353	3.14	72.1	1.2	1.0	35	<0.1	<0.1	<0.1	120	2.55	0.137
132512	Rock	2.23	0.2	2261	4.4	16	0.4	33.5	28.7	160	5.20	5.3	32.7	0.6	32	<0.1	<0.1	<0.1	123	1.04	0.120
132513	Rock	1.91	0.2	312.7	1.0	24	<0.1	23.0	29.1	680	4.53	6.9	8.6	0.6	82	<0.1	<0.1	<0.1	163	2.77	0.120
132514	Rock	0.97	0.1	73.8	0.6	14	<0.1	24.2	20.1	222	5.78	6.2	1.0	0.7	34	<0.1	<0.1	<0.1	184	1.13	0.138
132515	Rock	2.56	<0.1	1521	1.0	58	0.2	23.8	26.5	978	4.95	6.8	3.5	1.5	84	0.3	<0.1	<0.1	70	3.72	0.175
132516	Rock	2.10	0.3	105.1	0.8	17	<0.1	8.2	10.2	377	4.10	3.9	<0.5	0.5	140	<0.1	0.2	<0.1	76	3.67	0.108
132517	Rock	1.66	0.6	194.9	0.9	14	<0.1	5.8	30.1	322	8.24	12.0	6.5	0.4	42	<0.1	0.1	<0.1	64	1.51	0.108
132518	Rock	1.78	0.1	686.4	2.9	22	0.3	65.1	78.5	357	9.59	32.5	3.0	0.3	20	<0.1	0.2	0.1	132	0.82	0.098
132519	Rock Pulp	0.15	106.7	3586	46.2	121	3.2	25.4	19.8	499	4.26	79.6	705.2	1.9	29	0.8	5.6	0.6	85	0.36	0.090
132520	Rock	0.81	<0.1	3.6	<0.1	<1	<0.1	0.3	0.8	32	0.18	5.5	1.7	<0.1	3885	<0.1	<0.1	<0.1	3	32.55	0.004
132521	Rock	2.02	20.8	850.4	2.9	44	0.5	22.7	19.6	423	2.20	23.5	0.7	0.9	45	0.3	<0.1	<0.1	128	1.66	0.087



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Project: CC
 Report Date: May 25, 2011

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

SMI11000106.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7AR	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	
MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001	
132501	Rock	2	61	0.61	24	0.168	<20	1.30	0.135	0.08	<0.1	<0.01	2.5	<0.1	<0.05	4	<0.5	<0.2	
132502	Rock	2	93	2.43	8	0.094	<20	3.10	<0.001	0.08	<0.1	0.17	8.4	<0.1	0.88	8	6.2	1.2	1.377
132503	Rock	2	51	0.68	26	0.143	<20	1.30	0.109	0.12	0.1	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2	
132504	Rock	8	31	0.44	97	0.084	<20	2.19	0.255	0.46	<0.1	0.01	4.6	<0.1	0.12	8	3.0	<0.2	
132505	Rock	6	39	0.37	99	0.085	<20	1.03	0.075	0.07	0.1	<0.01	4.5	<0.1	0.76	4	6.3	0.4	
132506	Rock	2	62	0.70	12	0.107	<20	1.90	0.056	0.04	<0.1	<0.01	2.8	<0.1	0.37	7	0.9	0.3	
132507	Rock	3	14	0.36	15	0.132	<20	1.13	0.094	0.09	0.1	<0.01	2.1	<0.1	0.55	5	4.7	<0.2	
132508	Rock	5	34	0.25	14	0.107	<20	0.82	0.064	0.03	0.1	<0.01	2.5	<0.1	0.72	4	6.7	<0.2	
132509	Rock	3	128	1.33	27	0.127	<20	2.64	0.175	0.16	<0.1	<0.01	2.8	<0.1	0.08	6	0.6	<0.2	
132510	Rock	5	32	0.52	27	0.186	<20	1.82	0.133	0.06	0.1	<0.01	3.2	<0.1	2.21	7	6.8	<0.2	
132511	Rock	5	27	0.57	27	0.122	<20	1.43	0.177	0.15	0.1	<0.01	5.6	<0.1	<0.05	5	<0.5	<0.2	
132512	Rock	2	46	0.61	5	0.118	<20	0.89	0.072	0.04	0.1	<0.01	2.4	<0.1	0.36	4	1.0	0.4	
132513	Rock	3	58	1.46	37	0.159	<20	2.86	0.268	0.07	0.1	<0.01	7.9	<0.1	0.17	7	0.5	<0.2	
132514	Rock	3	25	0.80	23	0.118	<20	1.26	0.152	0.07	<0.1	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2	
132515	Rock	7	25	1.88	11	0.128	<20	2.58	0.032	0.02	<0.1	<0.01	3.8	<0.1	0.11	5	0.7	<0.2	
132516	Rock	4	38	0.47	23	0.097	<20	1.46	0.007	0.04	<0.1	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2	
132517	Rock	5	33	0.32	13	0.125	<20	2.05	0.079	0.03	<0.1	<0.01	1.7	<0.1	0.38	6	1.2	<0.2	
132518	Rock	<1	31	0.47	7	0.130	<20	1.41	0.054	0.02	<0.1	<0.01	2.0	<0.1	3.14	5	14.4	0.4	
132519	Rock Pulp	9	33	0.66	49	0.064	<20	0.96	0.023	0.65	10.1	0.13	8.7	0.5	2.52	4	7.1	1.0	
132520	Rock	<1	1	1.34	6	0.003	<20	0.04	0.003	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	0.7	0.3	
132521	Rock	3	42	0.83	5	0.122	<20	1.37	0.024	0.02	<0.1	0.01	3.4	<0.1	0.06	4	0.6	<0.2	



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Project: CC
Report Date: May 25, 2011

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

SMI11000106.1

Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
132502	Rock	3.11	2.1	>10000	16.4	5044	8.7	46.5	46.8	1651	6.27	23.6	13.4	0.4	21	18.5	0.3	1.0	127	1.16	0.093
REP 132502	QC																				
132514	Rock	0.97	0.1	73.8	0.6	14	<0.1	24.2	20.1	222	5.78	6.2	1.0	0.7	34	<0.1	<0.1	<0.1	184	1.13	0.138
REP 132514	QC		0.2	74.8	0.6	13	<0.1	22.9	20.2	222	5.72	6.2	0.6	0.7	35	<0.1	<0.1	<0.1	182	1.14	0.139
Reference Materials																					
STD DS8	Standard		13.4	110.1	124.0	316	1.9	38.6	7.5	593	2.36	25.3	90.5	6.5	59	2.0	4.7	7.0	40	0.66	0.077
STD GC-7	Standard																				
STD OREAS45CA	Standard		1.0	497.7	22.0	64	0.3	239.6	94.0	958	14.79	4.0	38.3	7.5	16	<0.1	0.2	0.2	209	0.44	0.039
STD R4A	Standard																				
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7	0.08	
STD OREAS45CA Expected		1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265	0.0385	
STD GC-7 Expected																					
STD R4A Expected																					
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.1	3.3	3.8	47	<0.1	2.7	4.1	563	1.93	0.8	<0.5	6.0	50	<0.1	<0.1	<0.1	39	0.46	0.080	
G1	Prep Blank	0.1	3.5	3.4	46	<0.1	3.0	4.3	544	1.99	0.5	<0.5	5.9	49	<0.1	<0.1	<0.1	39	0.46	0.082	



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Project: CC
 Report Date: May 25, 2011

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

SMI11000106.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7AR	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	
MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001	
Pulp Duplicates																			
132502	Rock	2	93	2.43	8	0.094	<20	3.10	<0.001	0.08	<0.1	0.17	8.4	<0.1	0.88	8	6.2	1.2	1.377
REP 132502	QC																		1.379
132514	Rock	3	25	0.80	23	0.118	<20	1.26	0.152	0.07	<0.1	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2	
REP 132514	QC	3	26	0.80	23	0.124	<20	1.26	0.151	0.07	<0.1	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2	
Reference Materials																			
STD DS8	Standard	11	111	0.59	274	0.103	<20	0.86	0.078	0.41	2.7	0.18	1.7	5.4	0.16	4	5.4	4.8	
STD GC-7	Standard																		0.558
STD OREAS45CA	Standard	16	697	0.14	161	0.124	<20	3.46	0.008	0.07	<0.1	0.04	37.0	<0.1	<0.05	19	0.7	<0.2	
STD R4A	Standard																		0.504
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OREAS45CA Expected		15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5		
STD GC-7 Expected																			0.555
STD R4A Expected																			0.502
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																		<0.001
Prep Wash																			
G1	Prep Blank	9	6	0.52	158	0.127	<20	0.93	0.086	0.49	<0.1	<0.01	1.9	0.3	<0.05	5	0.8	<0.2	
G1	Prep Blank	10	7	0.52	164	0.124	<20	0.93	0.083	0.50	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2	

Appendix C: Copper Creek Database

2011 Copper Creek Database

Firesteel Resources Inc

Prepared by UTM Exploration Services Ltd



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Parameters For Firesteel's 2011 Copper Creek Database Creation

Data Summary

In early 2011, Firesteel Resources supplied UTM Exploration Services Ltd. (UTM) with all their exploration data from 2004 forward, for the creation of both drillhole and prospecting/ trenching databases. Data were provided via a CD-ROM.

The data were poorly organized and discontinuous, but with some effort all but the 2005 drill logs were found. The original 2005 handwritten drill logs, with the exception of hole CC2005-8, were eventually located at the Firesteel office and were couriered to UTM. Older data were derived from BC Ministry of Energy and Mines Assessment Reports, which Firesteel supplied, and these reports can be found online through the BC Mineral Titles Online or ARIS websites. As many data as possible were extracted from the reports but this amounts to a very minor collection as most reports did not allow for georeferencing of data. Maps and data in the reports do not have co-ordinates that are decipherable, making it impossible to properly locate them on the present properties. It should be added that very little of the data in the databases is National Instruments 43-101 compliant, including work conducted since Firesteel has held the claims.

UTM was unable to incorporate past data from Pyrrhotite Creek, with the exception of recent prospecting. Data were not georeferencable or were too incomplete. However, that does not negate this data as old soil grids give anomalous zones of interest while old drilling and trenching give good indications as to where future work might be carried out.

Drillhole Database

Drillhole data were derived solely from Firesteel-supplied materials. Drilling prior to 2004 has been reported but the precise locations for holes were not noted, rendering downhole data unusable.

Drillholes from 2004 forward were poorly organized in that multiple formats were used as naming conventions for holes. A streamlined naming convention was chosen and all drillholes were renamed based upon that convention. Holes are now labeled with the format CCyear-hole#, with hole names being sequential instead of restarting at Hole #1 with each new year (a convention that was originally used in some years but in not others). In the database, original drillhole names are attached to each hole to avoid future confusion.

Several different assay packages were used for collecting data throughout the years. All available assay data were entered into the database and separated by year when different assay parameters were used (e.g. P assayed in % or ppm, year-dependent). Often, samples were reassayed when copper (Cu) values exceeded a maximum value— 1% was often the chosen parameter but it has not been consistent—and these values have been converted into the Cu ppm value as the Cu% value column is an incomplete dataset.

Drill data for 2007 was particularly difficult to deal with as holes were partially drilled, then re-entered and drilled deeper. Unfortunately, it was not that simple in reality. Based upon conversations with R. Young, P.Geol, who oversaw part of the 2007 drilling and with the UTM crew that prospected/ sampled in 2010, not all holes were re-entered but some were in fact restarted on slightly different azimuths and dips (casing for these holes was left in the ground). The drill was also moved slightly for each restart, so hole coordinates are also incorrect. To accommodate this, azimuths and dips were slightly altered to avoid overlap of drillholes. Since the casing is still intact, a rough azimuth and dip could be calculated, but which hole name equals which extension could only be “guesstimated” by plotting all possible combinations for each set of extensions and determining which combination made the recorded lithology work best. This remains NI43-101 non-compliant.

Sampling errors were made during the 2007 drill program and it is not clear whether these issues were properly solved. There are notes regarding this problem attached to the log for one drill hole, and there is another drillhole where a 3cm sample was taken. Since the following sample was greater than 3m, it can be assumed this is a data entry error but as it is on the original log, there is no way to find information to correct this. These errors occurred because there was no on-site geologist to oversee that proper procedures were being followed.

The Dick Creek drilling can be found in two worksheets, one after the other, in the database. The two sheets are exactly the same save one difference: the second set of assay data has been colour coded to illustrate grade. Copper grades between 0.2% and 0.5% are blue, 0.5% to 1% are green, and greater than 1% are red. Gold grades between 200 and 500ppb are blue, 500 to 1000ppb are green, and greater than 1 g/t (1000ppb) are red. Silver values between 1 and 5ppm are blue, 5 to 10ppm green, and greater than 10ppm (10g/t) are red.

A second drillhole database for modeling was created by UTM specifically for UTM. The difference is that < and > signs were removed from assay values to allow for input into a 3-D GIS program. For example, often silver values are reported as <0.2ppm (i.e. <0.2g/t). These values were changed to 0.05ppm for the purpose of modeling, as modeling programs do not accept < signs in data. Similar tactics were carried out with mercury and other assayed elements.

Prospecting/ Trenching Database

Prospecting and trenching data were derived from a combination of Firesteel-supplied data and Ministry Assessment Reports, and suffer from the same issues as the drilling data. Proper mapping of sample locations and trenches was limited at best. For example, old reports contain maps of trenches but proper maps for locating the trenches with even limited precision (ie +/- 100m) do not exist, so even the ability to later ground-truth these data is close to impossible. Multiple other trenching and clearing events occurred but were not clearly reported/mapped.

Some georeferencing of prospected samples and trenches was possible, with reasonable accuracy (ie +/- 5m), when the original mapping of these trenches was accurate. For example, 2005 trenching and prospecting was mapped on a UTM gridded map in the Assessment Report and there are recorded azimuths and assays for the trenches in the Firesteel-supplied data, but there are no recorded UTM coordinates in the 2005 Assessment Report or in the other data supplied by Firesteel.

In summation, very little if any of the prospecting and trenching data are actually NI43-101 compliant, but they make an excellent tool for future exploration. Very few of these data were encapsulated into the database.

Soil Sampling and Geophysics

Many different grids for soil sampling and geophysics were created during previous exploration projects on the claims. As with other data, these programs did not properly document locations of the grid well enough to render any data reportable. That said, rough locations can be ascertained and all of this data, including contour maps for copper-in-soil, resistivity, etc, can be used as excellent tools for future exploration simply by reviewing semi-accurate maps from Assessment Report PDF files.

The 2003 ground magnetics and IP survey data were stored digitally and are fully NI43-101 compliant as well as an excellent tool for exploration. Walcott Geophysics conducted an IP survey in the Pyrrhotite Creek area in 1981 but declined to provide the 30-year-old data as they are not digital and were not done to modern standards. There are hand-drawn maps of this survey and multiple ground magnetics surveys in the Pyrrhotite Creek area, and they are good guides for planning future geophysics programs in this area of the claims.

Conclusions

UTM found the sorting of the poorly organized and incomplete data sets frustrating at times but recognized that encapsulating as much as possible makes for an excellent, organized tool for future exploration and modeling. Any future exploration can make use of both the data and the sections/maps created in order to better isolate areas of interest.

Data and maps that UTM was unable to encapsulate into the databases are still completely valid as exploration tools but not acceptable in an NI43-101 report, other than as referenced history.

Recommendations for Future Work

Carrying out work on the claims that is non NI43-101 compliant is strongly discouraged. For this reason, UTM recommends that the following standards be adhered to when carrying out future work:

Soil Sampling

All soil samples taken should have associated UTM co-ordinates. A master data set should be created that contains all sample locations, assays, descriptions, and grid locations (e.g. Line 3 + 1000m) attached. This data set should be created and updated on an ongoing basis, as the samples are taken, so that assays can be entered into the data set as they come available. A specific assay package should be chosen and strictly adhered to for all soil sampling—even year to year.

Photos of the general areas and lines are encouraged. Any interesting or unique features should also be photographed for future interpretation.

Geophysics

All geophysics conducted on the property should be recorded in a database (rather than just as maps) and used as both an exploration tool and for NI43-101 compliant reports.

Trenching

All trenching should be incorporated into the database with UTM co-ordinates, assays, and azimuths attached. Sampling in the trenches should be conducted at 1m intervals unless a special feature justifies a smaller sample length. A

change in rock type would also justify a smaller sample as samples should not cross lithology. For example, if a rock type is 1.8m in length, it should be divided into two samples and at least one of them would be less than 1m in length. As much structural data as possible should be collected when sampling trenches and should also be stored within the database with UTM co-ordinates attached for better future interpretation. Photos should be taken of the trench from as many angles as possible, both to identify structure/lithology/etc within the trench but also to aid in future location of a reclaimed trench.

Drilling

All drill holes should have a UTM co-ordinate set attached with sub-metre accuracy being preferable. A rough co-ordinate set should be recorded prior to drilling but a final reading should also be taken once the drill is not over the drill hole site. Sub-metre surveying can be done in the future or at the end of a program as long as proper marking of the drillhole occurs post-drilling. Photos of the drillhole location should be taken pre and post drilling. A monument/ marker should be placed at each drillhole post drilling, noting hole ID, coordinates, azimuth and dip.

Downhole surveys should be conducted at every 30m to insure an accurate representation of the hole for interpretation and reporting. Logging of drill core is critical for interpretation and should not be “left for when there is time”—the 2007 drilling being a perfect example of how to negate data.

A geologist should be on site at all times to insure that sampling errors do not occur and that proper quality protocols are followed. Again, the 2007 drillhole data are lacking information due to this oversight. Sample intervals should not exceed 2m unless massive core loss is experienced during drilling. A robust program of blanks, standards, and duplicates should be conducted with one per every 20 samples. Lab QA/QC protocols should be in addition to this rather than assuming that the laboratory has a robust, reliable QA/QC program. All samples that grade higher than 1% copper, 1g/t gold, or 20g/t silver should be reassayed through Fire Assay or Atomic Absorption methods to gain greater accuracy.

Core recovery should be recorded and stored in the database attached to the hole. Magnetic susceptibility should also be recorded at a rate of one measurement per metre. Photographs of the core should also be stored in a folder with the drillhole log. As much structural information as possible should be attached to the drill hole log and in a database as it allows for more accurate future interpretation.

A Drill Core Library should be established immediately to allow for future geologists to follow the same naming conventions when describing lithologies. A core library allows for additional study of rock types, petrology, etc at a future time and location, with other geologists.

Backpack Drilling

Backpack drilling should be treated the same as drilling. Hole locations should be recorded in UTM coordinates (NAD 83) and photographed pre and post drilling. Backpack drillholes should be named with the convention CCBPyear-hole# and should start with CCBP2011-001. Core should be photographed and logged and this information stored in a unique (to each drillhole) folder, as well as in a backpack drillhole database. Samples should not exceed 2m in length nor should they cross a lithology change. A vigorous program of blanks and standards should be used to insure good QA/QC.

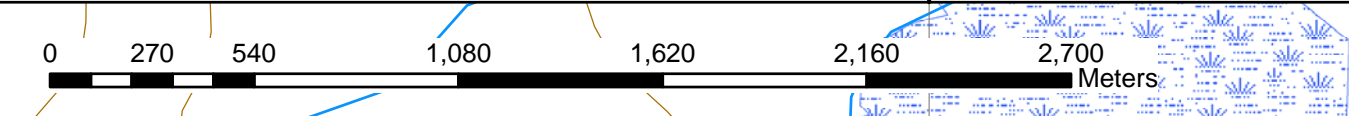
Prospecting

All samples taken should have an attached UTM coordinate set as well as a sample description that includes whether the sample is outcrop, subcrop, or float. Samples should be updated in the database as they are taken so that assay data can be added as assay values come available and areas prospected can be tracked. Every sample site should be photographed, with scale, and a marker (flagging tape, metal tag, etc.) stating date, sample number, and initials of prospector should be left clearly visible on location.

Firesteel Resources Inc.
Claim Map

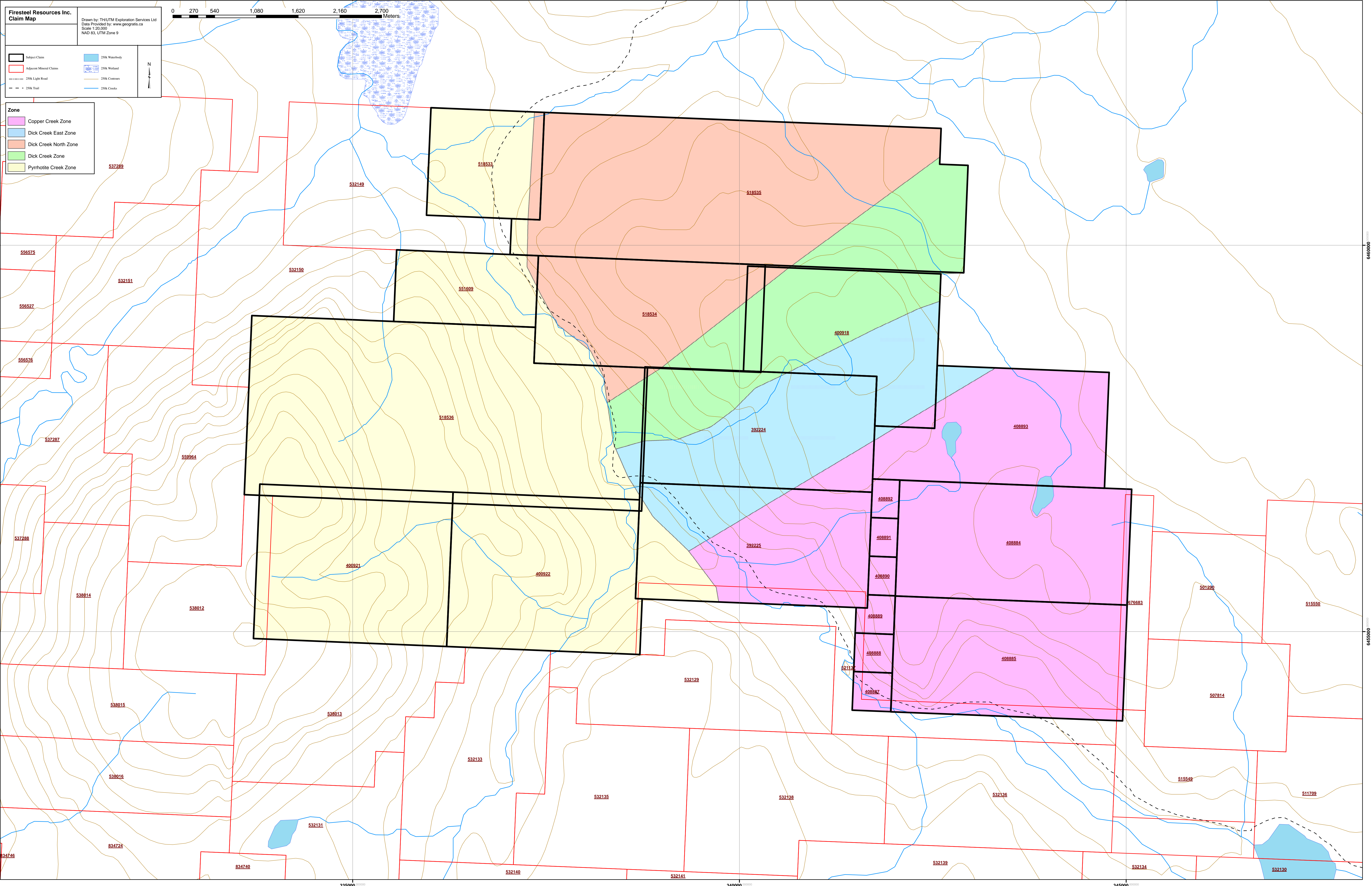
Drawn by: T1MUTM Exploration Services Ltd
 Data Provided by: www.geographic.ca
 Scale: 1:20,000
 NAD 83, UTM Zone 9

	Subject Claim		25k Waterbody
	Adjacent Mineral Claims		25k Wetland
	25k Light Road		25k Contour
	25k Trail		25k Creek



Zone

	Copper Creek Zone
	Dick Creek East Zone
	Dick Creek North Zone
	Dick Creek Zone
	Pyrrhotite Creek Zone



DK Zone					Dick Creek North Zone				Dick Creek East Zone				Copper Creek Zone				Pyrrhotite Creek Zone			
Orig DDH ID	Drillhole ID	Survey Data	Assays	Litho	Drillhole ID	Survey Data	Assays	Litho	Drillhole ID	Survey Data	Assays	Litho	Drillhole ID	Survey Data	Assays	Litho	Drillhole ID	Survey Data	Assays	Litho
CC_04_01	CC2004-01	y	y	y					DH1996-1	p			G-1-70	p						
CC_04_01a	CC2004-01A	y	y	y									G-2-70	p	p					
CC_04_02	CC2004-02	y	y	y									G-3-70	p						
CC_04_03	CC2004-03	y	y	y									G-4-70	p						
CC_04_04	CC2004-04	y	y	y									G-5-70	p						
CC_04_05	CC2004-05	y	y	y									G-6-70	p						
CC_04_06	CC2004-06	y	y	y																
CC_04_06a	CC2004-06A	y	y	y																
CC_04_07	CC2004-07	y	y	p																
CC2005-08	CC2005-08	y	y																	
CC2005-09	CC2005-09	y	y	y																
CC2005-10	CC2005-10	y	y	y																
CC2005-11	CC2005-11	y	y	y																
CC2005-11a	CC2005-11A	y	y	y																
CC2005-12	CC2005-12	y	y	y																
CC2005-13	CC2005-13	y	y	y																
CC2005-14	CC2005-14	y	y	y																
CC2005-15	CC2005-15	y	y	y																
CC2005-16	CC2005-16	y	y	y																
CC2005-17	CC2005-17	y	y	y																
CC2005-18	CC2005-18	y	y	y																
CC2005-19	CC2005-19	y	y	y																
CC2007-01	CC2007-20	y	y	y																
CC2007-01x2	CC2007-20A	y	y																	
CC2007-01x3	CC2007-20B	y	y																	
CC2007-02	CC2007-21	y	y	y																
CC2007-02x2	CC2007-21A	y	y																	
CC2007-02x3	CC2007-21B	y	y	y																
CC2007-03	CC2007-22	y	y	y																
CC2007-04	CC2007-23	y	y																	

note: p=partial

Original DDH ID	Drillhole ID	Depth (m)	Azimuth	Dip
CC_04_01	CC2004-01	0.00	0	-55.0
CC_04_01	CC2004-01	120.70	0	-53
CC_04_01	CC2004-01	239.80	0	-54.6
CC_04_01a	CC2004-01A	0.00	0	-50
CC_04_01a	CC2004-01A	22.86	0	-50
CC_04_02	CC2004-02	0.00	180	-60
CC_04_02	CC2004-02	172.90	180	-60
CC_04_03	CC2004-03	0.00	0	-60
CC_04_03	CC2004-03	240.50	0	-59
CC_04_04	CC2004-04	0.00	180	-60
CC_04_04	CC2004-04	108.50	180	-60
CC_04_05	CC2004-05	0.00	0	-60
CC_04_05	CC2004-05	230.40	0	-59
2004-06	CC2004-06	0.00	0	-60
2004-06	CC2004-06	187.70	0	-52.3
2004-6a	CC2004-06A	0.00	0	-70
2004-6a	CC2004-06A	22.86	0	-70
2004-7	CC2004-07	0.00	0	-55
2004-7	CC2004-07	182.90	0	-55
2004-7	CC2004-07	330.38	0	-49
CC2005-08	CC2005-08	0.00	180	-60
CC2005-08	CC2005-08	145.08	180	-60
CC2005-09	CC2005-09	0.00	180	-60
CC2005-09	CC2005-09	145.08	180	-60
CC2005-10	CC2005-10	0.00	180	-50
CC2005-10	CC2005-10	2.00	180	-50.44
CC2005-10	CC2005-10	6.00	180	-50.21
CC2005-10	CC2005-10	12.00	180	-49.58
CC2005-10	CC2005-10	18.00	180	-50.03
CC2005-10	CC2005-10	24.00	180	-50.43
CC2005-10	CC2005-10	30.00	180	-50.55
CC2005-10	CC2005-10	36.00	180	-50.53
CC2005-10	CC2005-10	42.00	180	-50.69
CC2005-10	CC2005-10	48.00	180	-50.66
CC2005-10	CC2005-10	54.00	180	-50.68
CC2005-10	CC2005-10	60.00	180	-50.8
CC2005-10	CC2005-10	66.00	180	-50.92
CC2005-10	CC2005-10	72.00	180	-51.01
CC2005-10	CC2005-10	78.00	180	-51.03
CC2005-10	CC2005-10	84.00	180	-51.13
CC2005-10	CC2005-10	90.00	180	-51.13
CC2005-10	CC2005-10	96.00	180	-51.26
CC2005-10	CC2005-10	102.00	180	-51.36
CC2005-10	CC2005-10	108.00	180	-51.37
CC2005-10	CC2005-10	114.00	180	-51.51
CC2005-10	CC2005-10	120.00	180	-51.06
CC2005-11	CC2005-11	0.00	0	-50

CC2005-11	CC2005-11	80.00	0	-49.6
CC2005-11a	CC2005-11a	0.00	0	-55
CC2005-11a	CC2005-11a	15.24	0	-55
CC2005-12	CC2005-12	0.00	180	-60
CC2005-12	CC2005-12	4.00	180	-60.85
CC2005-12	CC2005-12	10.00	180	-60.76
CC2005-12	CC2005-12	16.00	180	-61
CC2005-12	CC2005-12	22.00	180	-60.85
CC2005-12	CC2005-12	28.00	180	-61.16
CC2005-12	CC2005-12	34.00	180	-61.37
CC2005-12	CC2005-12	40.00	180	-61.68
CC2005-12	CC2005-12	46.00	180	-61.68
CC2005-12	CC2005-12	52.00	180	-61.82
CC2005-12	CC2005-12	58.00	180	-61.89
CC2005-12	CC2005-12	64.00	180	-61.99
CC2005-12	CC2005-12	70.00	180	-62.06
CC2005-12	CC2005-12	76.00	180	-62.18
CC2005-12	CC2005-12	82.00	180	-62.26
CC2005-12	CC2005-12	88.00	180	-62.28
CC2005-12	CC2005-12	94.00	180	-62.39
CC2005-12	CC2005-12	100.00	180	-62.31
CC2005-13	CC2005-13	0.00	180	-60
CC2005-13	CC2005-13	110.00	180	-60
CC2005-14	CC2005-14	0.00	8	-45
CC2005-14	CC2005-14	8.00	8.49	-44.93
CC2005-14	CC2005-14	14.00	8.49	-45
CC2005-14	CC2005-14	20.00	8.49	-45.12
CC2005-14	CC2005-14	26.00	8.49	-45.17
CC2005-14	CC2005-14	32.00	8.49	-45.35
CC2005-14	CC2005-14	38.00	8.49	-45.47
CC2005-14	CC2005-14	44.00	8.49	-45.59
CC2005-14	CC2005-14	50.00	8.49	-45.59
CC2005-14	CC2005-14	56.00	8.49	-45.57
CC2005-14	CC2005-14	62.00	8.49	-45.56
CC2005-14	CC2005-14	68.00	8.49	-45.62
CC2005-14	CC2005-14	74.00	8.49	-45.58
CC2005-14	CC2005-14	80.00	8.49	-45.52
CC2005-14	CC2005-14	86.00	8.49	-45.46
CC2005-14	CC2005-14	92.00	8.49	-45.38
CC2005-14	CC2005-14	98.00	8.49	-45.5
CC2005-14	CC2005-14	104.00	8.49	-45.45
CC2005-14	CC2005-14	110.00	8.49	-45.25
CC2005-14	CC2005-14	116.00	8.49	-45.03
CC2005-14	CC2005-14	122.00	8.49	-44.96
CC2005-14	CC2005-14	128.00	12.09	-44.84
CC2005-15	CC2005-15	0.00	0	-51
CC2005-15	CC2005-15	6.00	0	-51.33
CC2005-15	CC2005-15	12.00	0	-51.42

CC2005-15	CC2005-15	18.00	0	-51.69
CC2005-15	CC2005-15	24.00	0	-51.91
CC2005-15	CC2005-15	30.00	0	-51.86
CC2005-15	CC2005-15	36.00	0	-51.91
CC2005-15	CC2005-15	42.00	0	-51.82
CC2005-15	CC2005-15	48.00	0	-51.98
CC2005-15	CC2005-15	54.00	0	-52.03
CC2005-15	CC2005-15	60.00	0	-52.07
CC2005-15	CC2005-15	66.00	0	-52.08
CC2005-15	CC2005-15	72.00	0	-52.11
CC2005-15	CC2005-15	78.00	0	-52.07
CC2005-15	CC2005-15	84.00	0	-52.25
CC2005-15	CC2005-15	90.00	0	-52.29
CC2005-15	CC2005-15	96.00	0	-52.4
CC2005-15	CC2005-15	102.00	0	-52.54
CC2005-15	CC2005-15	108.00	0	-52.6
CC2005-15	CC2005-15	114.00	0	-52.21
CC2005-15	CC2005-15	120.00	0	-52.47
CC2005-16	CC2005-16	0.00	180	-50
CC2005-16	CC2005-16	134.00	180	-53
CC2005-17	CC2005-17	0.00	0	-50
CC2005-17	CC2005-17	106.00	0	-55
CC2005-18	CC2005-18	0.00	100	-45
CC2005-18	CC2005-18	106.00	100	-42
CC2005-19	CC2005-19	0.00	270	-50
CC2005-19	CC2005-19	102.00	270	-49
CC2007-01	CC2007-20	0.00	270	-60
CC2007-01	CC2007-20	100.58	270	-60
CC2007-01x2	CC2007-20A	0.00	267	-60
CC2007-01x2	CC2007-20A	110.33	267	-60
CC2007-01x3	CC2007-20B	0.00	273	-60
CC2007-01x3	CC2007-20B	337.41	273	-60
CC2007-02	CC2007-21	0.00	270	-80
CC2007-02	CC2007-21	52.00	270	-80
CC2007-02x2	CC2007-21A	0.00	270	-80
CC2007-02x2	CC2007-21A	52.43	270	-80
CC2007-02x2	CC2007-21A	133.19	270	-80
CC2007-02x3	CC2007-21B	0.00	270	-80
CC2007-02x3	CC2007-21B	130.15	270	-79
CC2007-02x3	CC2007-21B	225.07	270	-79
CC2007-03	CC2007-22	0.00	90	-60
CC2007-03	CC2007-22	128.66	90	-60
CC2007-04	CC2007-23	0.00	45	-80
CC2007-04	CC2007-23	293.21	45	-80

Orig DDH ID	Drillhole ID	From(m)	To(m)	Rock_Type
CC_04_01	CC2004-01	0	3.1	OB
CC_04_01	CC2004-01	3.1	153.1	MZ
CC_04_01	CC2004-01	153.1	173.1	AND
CC_04_01	CC2004-01	173.1	175.9	MZ
CC_04_01	CC2004-01	175.9	193.7	AND
CC_04_01	CC2004-01	193.7	194.7	MZ
CC_04_01	CC2004-01	194.7	234	AND
CC_04_01	CC2004-01	234	238.7	MZ
CC_04_01	CC2004-01	238.7	238.9	AND
CC_04_01a	CC2004-01A	0	22.9	MZ
CC_04_02	CC2004-02	0	148	MZ
CC_04_02	CC2004-02	148	153.5	DYKE
CC_04_02	CC2004-02	153.5	162.1	MZ
CC_04_02	CC2004-02	162.1	162.9	DYKE
CC_04_02	CC2004-02	162.9	173.1	MZ
CC_04_03	CC20040-03	0	228	MZ
CC_04_03	CC2004-03	228	240.8	AND
CC_04_04	CC2004-04	0	108.5	MZ
CC_04_05	CC2004-05	0	3.7	MZ
CC_04_05	CC2004-05	3.7	26.4	AND
CC_04_05	CC2004-05	26.4	28	MZ
CC_04_05	CC2004-05	28	30.2	AND
CC_04_05	CC2004-05	30.2	33	MZ
CC_04_05	CC2004-05	33	51.3	AND
CC_04_05	CC2004-05	51.3	52.3	MZ
CC_04_05	CC2004-05	52.3	54	AND
CC_04_05	CC2004-05	54	58	MZ
CC_04_05	CC2004-05	58	96.5	AND
CC_04_05	CC2004-05	96.5	152	MZ
CC_04_05	CC2004-05	152	155.4	AND
CC_04_05	CC2004-05	155.4	242.3	MZ
CC_04_06	CC2004-06	0	47.3	AT
CC_04_06	CC2004-06	47.3	50.5	AND
CC_04_06	CC2004-6	50.5	61.5	AT

COMMENTS

OB	overburden
DYKE	dyking
MZ	Qz monzonite
AND	andesite
AT	andesitic tuff or lithic tuff
QD	Qz Diorite

CC_04_06	CC2004-6	61.5	114.1	AND
CC_04_06	CC2004-6	114.1	122.2	AT
CC_04_06	CC2004-6	122.2	181.5	MZ
CC_04_06	CC2004-6	181.5	185.9	AT
CC_04_06	CC2004-6	185.9	190.2	MZ
CC_04_06a	CC2004-06A	0	22.9	AT
CC_04_07	CC2004-07	0	330.4	MZ
CC2005-09	CC2005-09	0	3	OB
CC2005-09	CC2005-09	1.5	17	MZ
CC2005-09	CC2005-09	17	31.1	AND
CC2005-09	CC2005-09	31.1	32	DYKE
CC2005-09	CC2005-09	32	33.1	AND
CC2005-09	CC2005-09	33.1	34.1	DYKE
CC2005-09	CC2005-09	34.1	52	AT
CC2005-09	CC2005-09	52	57	MZ
CC2005-09	CC2005-09	57	85	AT
CC2005-09	CC2005-09	85	95.7	AND
CC2005-09	CC2005-09	95.7	145.08	MZ
CC2005-10	CC2005-10	0	3.65	OB
CC2005-10	CC2005-10	3.65	27.6	QD
CC2005-10	CC2005-10	27.6	124.05	MZ
CC2005-11	CC2005-11	0	1.5	OB
CC2005-11	CC2005-11	1.5	12.19	MZ
CC2005-11	CC2005-11	12.19	23.77	AT
CC2005-11	CC2005-11	23.77	26.8	MZ
CC2005-11	CC2005-11	26.8	73.3	AT
CC2005-12	CC2005-12	0	1.58	OB
CC2005-12	CC2005-12	1.58	122.53	MZ
CC2005-13	CC2005-13	0	1.5	OB
CC2005-13	CC2005-13	1.5	22.25	AT
CC2005-13	CC2005-13	22.25	118.87	MZ
CC2005-14	CC2005-14	0	0.91	OB
CC2005-14	CC2005-14	0.91	20.8	AND
CC2005-14	CC2005-14	20.8	35.6	MZ
CC2005-14	CC2005-14	35.6	37.9	AND

CC2005-14	CC2005-14	37.9	62	MZ
CC2005-14	CC2005-14	62	68.28	AND
CC2005-14	CC2005-14	68.28	82.3	MZ
CC2005-14	CC2005-14	82.3	120.4	AND
CC2005-15	CC2005-15	0	1.52	OB
CC2005-15	CC2005-15	1.52	13	AND
CC2005-15	CC2005-15	13	32.5	MZ
CC2005-15	CC2005-15	32.5	53.24	AND
CC2005-15	CC2005-15	53.24	55.6	MZ
CC2005-15	CC2005-15	55.6	86.04	AND
CC2005-15	CC2005-15	86.04	158.5	MZ
CC2005-16	CC2005-16	0	3.66	OB
CC2005-16	CC2005-16	3.66	12.7	AND
CC2005-16	CC2005-16	12.7	20	MZ
CC2005-16	CC2005-16	20	44	AND
CC2005-16	CC2005-16	44	77.7	AT
CC2005-16	CC2005-16	77.7	91.14	MZ
CC2005-16	CC2005-16	91.14	134.72	AT
CC2005-17	CC2005-17	0	2.2	OB
CC2005-17	CC2005-17	2.2	106.38	MZ
CC2005-18	CC2005-18	0	1.52	OB
CC2005-18	CC2005-18	1.52	9.14	MZ
CC2005-18	CC2005-18	9.14	10	AT
CC2005-18	CC2005-18	10	67.85	MZ
CC2005-18	CC2005-18	67.85	69.05	AT
CC2005-18	CC2005-18	69.05	69.25	DYKE
CC2005-18	CC2005-18	69.25	73.9	AT
CC2005-18	CC2005-18	73.9	74.68	DYKE
CC2005-18	CC2005-18	74.68	106.7	AT
CC2005-19	CC2005-19	0	6.4	OB
CC2005-19	CC2005-19	6.4	102.11	MZ
CC2007-01	CC2007-20	0	2.74	OB
CC2007-01	CC2007-20	2.74	90.4	MZ
CC2007-01	CC2007-20	90.4	91.14	AND
CC2007-01	CC2007-20	91.14	100.58	MZ

CC2007-02	CC2007-21	0	2.74	OB
CC2007-02	CC2007-21	2.74	52	MZ
CC2007-02x3	CC2007-21B	130.15	178.92	MZ
CC2007-02x3	CC2007-21B	178.92	189.58	AND
CC2007-02x3	CC2007-21B	189.58	225.07	MZ
CC2007-03	CC2007-22	0	2.74	OB
CC2007-03	CC2007-22	2.74	99.7	MZ
CC2007-03	CC2007-22	99.7	121.04	AT
CC2007-03	CC2007-22	121.04	128.66	AND

Original DDH ID	Drillhole ID	Easting	Northing	Elevation(m)	Depth(m)	Path	Zone	SURVEY Real time GPS???
CC_04_01	CC2004-01	339748	6458240	1101	239.87	curved	DK	no
CC_04_01A	CC2004-01A	339748	6458240	1101	22.86	linear	DK	no
CC_04_02	CC2004-02	339748	6458240	1101	173.12	linear	DK	no
CC_04_03	CC2004-03	339697	6458233	1092	240.78	curved	DK	no
CC_04_04	CC2004-04	339697	6458233	1092	108.50	linear	DK	no
CC_04_05	CC2004-05	339805	6458258	1103	242.30	curved	DK	no
2004-06	CC2004-06	339850	6458261	1109	190.19	curved	DK	no
2004-06a	CC2004-06A	339850	6458261	1109	22.86	linear	DK	no
2004-07	CC2004-07	339746	6458141	1053	330.38	curved	DK	no
CC2005-08	CC2005-08	339805	6458258	1103	145.08	linear	DK	no
CC2005-09	CC2005-09	339850	6458261	1109	145.08	linear	DK	no
CC2005-10	CC2005-10	339895	6458250	1115	124.05	curved	DK	no
CC2005-11	CC2005-11	339895	6458250	1115	118.87	linear	DK	no
CC2005-11a	CC2005-11A	339895	6458250	1115	15.24	linear	DK	no
CC2005-12	CC2005-12	339835	6458349	1143	122.53	curved	DK	no
CC2005-13	CC2005-13	339908	6458358	1144	118.87	linear	DK	no
CC2005-14	CC2005-14	339490	6458370	1180	120.40	curved	DK	no
CC2005-15	CC2005-15	339854	6458083	1062	158.50	curved	DK	no
CC2005-16	CC2005-16	339854	6458083	1062	134.72	curved	DK	no
CC2005-17	CC2005-17	339791	6458119	1052	106.05	curved	DK	no
CC2005-18	CC2005-18	339791	6458119	1052	106.68	linear	DK	no
CC2005-19	CC2005-19	339791	6458119	1052	102.11	curved	DK	no
CC2007-01	CC2007-20	339837	6458358	1132	100.58	linear	DK	no
CC2007-01x2	CC2007-20A	339837	6458358	1132	110.33	linear	DK	no
CC2007-01x3	CC2007-20B	339837	6458358	1132	337.41	linear	DK	no
CC2007-02	CC2007-21	339837	6458358	1132	52.00	linear	DK	no
CC2007-02x2	CC2007-21A	339837	6458358	1132	133.19	linear	DK	no
CC2007-02x3	CC2007-21B	339837	6458358	1132	225.07	linear	DK	no
CC2007-03	CC2007-22	339839	6458358	1132	128.63	linear	DK	no
CC2007-04	CC2007-23	339838	6458360	1132	293.22	linear	DK	no

Original DDH ID	Drillhole ID	Sample #	From (m)	To (m)	Width (m)	Type	Sample #	Au ppb	Ag ppm	Al%	As ppm	Ba ppm	Be ppm	Bi ppm	Ca%	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe%	Hg ppm	K%	La ppm	Mg%	Mn ppm	Mo ppm	Na%	Ni ppm	P ppm	Pb ppm	S%	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Th ppm	Ti%	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Cu % total	Cu % non-S	% Cu Non S
CC.04.01	CC2004-01	18451	3.0	5.0	2.00	core	18451	115	1.1	1.53	<5	45		<5	3.46	<1	18	73	5489	3.02			<10	0.68	354	10	0.03	6	370	4				<20	20	<0.01		<10	53	<10	20	36		0.55	0.390	70.91%	
CC.04.01	CC2004-01	18452	5.0	7.0	2.00	core	18452	110	0.7	1.78	<5	40		<5	3.98	<1	15	68	3452	2.86			<10	0.80	391	9	0.05	3	520	3				<20	25	<0.01		<10	67	<10	22	30		0.35	0.150	42.86%	
CC.04.01	CC2004-01	18453	7.0	10.0	3.00	core	18453	120	0.6	1.82	<5	40		<5	2.73	<1	15	89	3789	3.13			<10	0.95	355	13	0.14	3	540	5				<20	43	<0.01		<10	84	<10	24	30		0.38	0.050	13.16%	
CC.04.01	CC2004-01	18454	10.0	14.0	4.00	core	18454	115	0.6	1.55	<5	40		<5	2.62	<1	13	101	3989	2.72			<10	0.82	373	1	0.08	5	480	2				<20	27	<0.01		<10	78	<10	24	39		0.40	0.030	7.50%	
CC.04.01	CC2004-01	18455	14.0	18.0	4.00	core	18455	770	9.1	1.40	<5	40		<5	2.50	<1	25	90	2000	3.78			<10	0.56	322	5	0.03	14	<10	4				<20	15	<0.01		<10	69	<10	35	76		2.00	1.900	95.00%	
CC.04.01	CC2004-01	18456	18.0	20.0	2.00	core	18456	95	1.4	0.95	<5	30		<5	3.03	<1	21	81	2258	4.00			<10	0.52	336	1	0.04	9	600	4				<20	13	<0.01		<10	70	<10	25	38		0.23	0.100	43.48%	
CC.04.01	CC2004-01	18457	20.0	23.2	3.20	core	18457	420	0.9	1.29	<5	40		<5	1.62	<1	22	78	898	4.38			<10	0.82	375	<1	0.06	5	240	3				<20	18	<0.01		<10	93	<10	23	61		0.81	0.280	34.57%	
CC.04.01	CC2004-01	18466	23.2	25.0	1.80	core	18466	350	0.6	1.55	<5	50		<5	1.23	<1	19	84	6789	3.95			<10	0.94	355	<1	0.06	6	540	4				<20	21	<0.01		<10	114	<10	24	63		0.68	0.190	27.94%	
CC.04.01	CC2004-01	18467	25.0	27.0	2.00	core	18467	465	1.0	1.67	<5	55		<5	1.65	<1	22	82	10800	3.81			<10	0.90	430	<1	0.06	8	210	4				<20	29	0.12		<10	105	<10	32	94		1.08	0.490	45.37%	
CC.04.01	CC2004-01	18468	27.0	29.0	2.00	core	18468	325	0.6	1.62	<5	55		<5	1.50	<1	25	93	8980	3.92			<10	0.95	512	<1	0.07	8	460	6				<20	26	0.08		<10	109	<10	33	80		0.68	0.240	35.29%	
CC.04.01	CC2004-01	18469	29.0	31.3	2.30	core	18469	250	0.4	1.52	<5	65		<5	1.18	<1	17	96	3633	3.78			<10	0.82	387	<1	0.10	8	830	9				<20	29	0.10		<10	118	<10	22	49		0.36	0.060	16.67%	
CC.04.01	CC2004-01	18470	31.3	33.0	1.70	core	18470	485	0.4	1.30	<5	70		<5	1.24	<1	15	89	7425	3.89			<10	0.77	414	23	0.08	4	330	14				<20	23	0.05		<10	98	<10	7	59		0.76	0.020	2.63%	
CC.04.01	CC2004-01	18471	33.0	35.4	2.40	core	18471	500	0.3	1.10	<5	30		<5	1.40	<1	13	78	6325	3.64			<10	0.77	458	4	0.05	5	370	14				<20	18	0.03		<10	99	<10	9	68		0.64	0.040	6.25%	
CC.04.01	CC2004-01	18472	35.4	37.0	1.60	core	18472	420	0.4	1.07	<5	40		<5	2.02	<1	18	97	4358	5.75			<10	0.76	728	11	0.07	7	390	14				<20	27	0.04		<10	164	<10	<1	74		0.45	0.010	2.22%	
CC.04.01	CC2004-01	18473	37.0	39.0	2.00	core	18473	575	0.4	1.22	<5	60		<5	1.95	<1	21	82	5244	6.87			<10	0.87	746	7	0.05	9	310	16				<20	25	0.07		<10	225	<10	<1	76		0.54	0.010	1.85%	
CC.04.01	CC2004-01	18474	39.0	40.0	1.00	core	18474	710	9.4	0.80	<5	50		<5	1.30	<1	22	121	6605	5.87			<10	0.53	469	8	0.04	16	80	8				<20	18	0.02		<10	149	<10	<1	54		0.66	0.020	3.03%	
CC.04.01	CC2004-01	18475	40.0	41.0	1.00	core	18475	365	0.2	0.67	<5	30		<5	1.58	<1	12	105	3938	5.04			<10	0.41	460	4	0.04	5	190	8				<20	19	<0.01		<10	137	<10	<1	50		0.40	0.010	2.50%	
CC.04.01	CC2004-01	18476	41.0	42.0	1.00	core	18476	1350	1.2	0.59	<5	40		<5	1.10	<1	20	149	15500	4.77			<10	0.31	270	5	0.02	7	<10	4				<20	2	<0.01		<10	103	<10	<1	48		1.55	0.050	3.23%	
CC.04.01	CC2004-01	18477	42.0	43.0	1.00	core	18477	900	0.8	0.43	<5	30		<5	0.80	<1	18	116	9487	4.89			<10	0.28	225	3	0.01	6	<10	6				<20	4	<0.01		<10	109	<10	<1	44		0.92	0.030	3.26%	
CC.04.01	CC2004-01	18478	43.0	44.0	1.00	core	18478	935	0.8	0.59	<5	35		<5	0.87	<1	24	160	12500	5.81			<10	0.34	263	6	0.02	7	<10	10				<20	4	<0.01		<10	117	<10	<1	68		1.25	0.050	4.00%	
CC.04.01	CC2004-01	18479	44.0	45.0	1.00	core	18479	1490	1.9	0.48	<5	35		<5	0.96	<1	28	148	18600	6.27			<10	0.25	249	6	<0.01	6	<10	4				<20	2	<0.01		<10	101	<10	<1	51		1.86	0.070	3.76%	
CC.04.01	CC2004-01	18480	45.0	46.0	1.00	core	18480	555	0.4	0.58	<5	35		<5	0.78	<1	14	141	6231	4.52			<10	0.38	287	6	0.02	4	50	8				<20	5	<0.01		<10	113	<10	<1	38		0.65	0.020	3.08%	
CC.04.01	CC2004-01	18481	46.0	47.0	1.00	core	18481	620	0.6	0.54	<5	35		<5	1.48	<1	17	209	5992	4.09			<10	0.29	369	7	0.02	8	<10	6				<20	3	<0.01		<10	83	<10	<1	58		0.60	0.020	3.33%	
CC.04.01	CC2004-01	18482	47.0	48.0	1.00	core	18482	525	0.3	0.38	<5	30		<5	0.67	<1	14	189	6966	3.41			<10	0.25	231	17	0.01	8	<10	4				<20	3	<0.01		<10	72	<10	<1	29		0.68	0.030	4.41%	
CC.04.01	CC2004-01	18483	48.0	49.0	1.00	core	18483	485	0.3	0.49	<5	25		<5	0.85	<1	17	140	6471	4.19			<10	0.35	248	21	0.02	6	<10	6				<20	4	<0.01		<10	84	<10	<1	30		0.65	0.020	3.08%	
CC.04.01	CC2004-01	18484	49.0	50.0	1.00	core	18484	395	<0.2	0.54	<5	20		<5	0.61	<1	10	198	3630	3.46			<10	0.33	241	7	0.02	7	100	6				<20	3	<0.01		<10	90	<10	<1	26		0.38	0.010	2.63%	
CC.04.01	CC2004-01	18485	50.0	51.0	1.00	core	18485	460	<0.2	0.38	<5	15		<5	0.84	<1	11	206	4261	3.12			<10	0.22	168	3	<0.01	7	<10	4				<20	2	<0.01		<10	70	<10	<1	24		0.43	0.020	4.65%	
CC.04.01	CC2004-01	18486	51.0	52.0	1.00	core	18486	320	<0.2	0.15	<5	10		<5	1.65	<1	11	159	4795	2.45			<10	0.08	134	5	<0.01	4	<10	1				<20	3	<0.01		<10	26	<10	<1	12		0.47	0.020	4.26%	
CC.04.01	CC2004-01	18487	52.0	53.0	1.00	core	18487	160	<0.2	1.55	<5	30		<5	2.39	<1	14	55	2178	4.35			<10	1.02	4																						

Original DDH ID	Drillhole ID	Sample #	From (m)	To (m)	Width (m)	Type	Sample #	Au ppm	Ag ppm	Al%	As ppm	Ba ppm	Be ppm	Bi ppm	Ca%	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe%	Hg ppm	K%	La ppm	Mg%	Mn ppm	Mo ppm	Na%	Ni ppm	P ppm	Pb ppm	S%	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Th ppm	Ti%	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Cu % total	Cu % non-S	% Cu Non S		
CC2005_8	CC2005-08	19001	3.8	6.7	2.9	core	19001	335	0.9	1.04	<5	70		<5	0.61	<1	5	62	1273	3.97			<10	0.50	145	7	0.11	6	430	8		<5		<20	167		0.02		<10	130	<10	<1	30			0.13			
CC2005_8	CC2005-08	19002	6.7	9.75	3.05	core	19002	630	1.2	1.44	<5	50		<5	2.63	<1	8	72	2529	5.84			<10	0.48	111	9	0.14	8	510	6		<5		<20	316		0.02		<10	211	<10	<1	30			0.25			
CC2005_8	CC2005-08	19003	9.75	11.8	2.05	core	19003	525	1.1	1.57	<5	45		<5	1.70	<1	17	73	6229	4.22			<10	0.52	113	11	0.10	8	340	8		<5		<20	294		0.03		<10	140	<10	<1	31			0.62			
CC2005_8	CC2005-08	19004	11.8	12.8	1	core	19004	530	1.1	1.51	<5	45		<5	1.71	<1	11	69	4643	4.37			<10	0.48	117	8	0.12	9	380	6		<5		<20	351		0.04		<10	179	<10	<1	31			0.47			
CC2005_8	CC2005-08	19005	12.8	13.8	1	core	19005	560	1.4	1.70	<5	45		<5	1.76	<1	14	75	7204	5.21			<10	0.60	163	10	0.11	12	420	10		<5		<20	364		0.03		<10	190	<10	<1	37			0.72			
CC2005_8	CC2005-08	19006	13.8	15.8	2	core	19006	475	1.0	1.53	<5	40		<5	2.09	<1	16	70	10700	4.91			<10	0.65	231	9	0.07	17	260	8		<5		<20	272		0.02		<10	203	<10	11	46			1.07			
CC2005_8	CC2005-08	19007	17.8	19.8	2	core	19007	465	0.9	1.85	<5	40		<5	3.84	<1	29	76	12700	5.74			<10	0.84	468	7	0.06	26	310	12		<5		<20	150		<0.01		<10	188	<10	17	77			1.27			
CC2005_8	CC2005-08	19008	17.8	19.8	2	core	19008	410	0.9	1.71	<5	60		<5	1.89	<1	23	82	9056	6.36			<10	0.56	261	16	0.14	20	620	14		<5		<20	333		0.06		<10	248	<10	9	47			1.01			
CC2005_8	CC2005-08	19009	19.8	20.5	0.7	core	19009	500	1.2	1.62	<5	55		<5	1.49	<1	17	80	6304	6.85			<10	0.58	187	8	0.09	16	570	10		<5		<20	402		0.07		<10	249	<10	1	46			0.83			
CC2005_8	CC2005-08	19010	20.5	22	1.5	core	19010	400	1.0	1.66	<5	55		<5	1.88	<1	24	76	8700	5.83			<10	0.70	233	5	0.13	22	680	14		<5		<20	444		0.09		<10	259	<10	6	48			0.87			
CC2005_8	CC2005-08	19011	22	23.5	1.5	core	19011	490	1.1	1.84	<5	45		<5	2.29	<1	26	82	7550	6.55			<10	0.83	366	8	0.13	22	600	12		<5		<20	481		0.04		<10	248	<10	7	48			0.76			
CC2005_8	CC2005-08	19012	23.5	25	1.5	core	19012	640	1.3	1.83	<5	50		<5	1.72	<1	27	101	8614	6.50			<10	0.74	267	9	0.12	17	390	12		<5		<20	550		0.03		<10	197	<10	5	43			0.86			
CC2005_8	CC2005-08	19013	25	28	3	core	19013	610	1.2	1.70	<5	45		<5	0.95	<1	27	88	7857	7.43			<10	0.73	264	19	0.11	19	440	16		<5		<20	466		0.02		<10	207	<10	4	47			0.79			
CC2005_8	CC2005-08	19014	28	32.5	4.5	core	19014	570	1.1	1.56	<5	75		<5	2.61	<1	16	83	6335	5.95			<10	0.59	477	9	0.11	15	720	14		<5		<20	372		0.06		<10	224	<10	8	74			0.63			
CC2005_8	CC2005-08	19015	32.5	34	1.5	core	19015	565	1.2	1.51	<5	60		<5	2.35	<1	19	73	7108	6.37			<10	0.52	401	8	0.12	14	650	12		<5		<20	371		0.06		<10	205	<10	3	60			0.71			
CC2005_8	CC2005-08	19016	34	35.5	1.5	core	19016	465	0.9	1.54	<5	65		<5	2.01	<1	15	74	4934	6.60			<10	0.64	428	8	0.11	11	630	12		<5		<20	385		0.04		<10	223	<10	3	51			0.50			
CC2005_8	CC2005-08	19017	35.5	37	1.5	core	19017	595	1.4	1.40	<5	55		<5	1.62	<1	18	69	7557	6.22			<10	0.65	360	6	0.10	13	680	12		<5		<20	516		0.05		<10	207	<10	3	64			0.76			
CC2005_8	CC2005-08	19018	37	38.5	1.5	core	19018	785	1.6	1.55	<5	70		<5	2.83	<1	18	76	9789	6.11			<10	0.79	552	4	0.07	15	580	10		<5		<20	482		0.02		<10	229	<10	4	78			0.98			
CC2005_8	CC2005-08	19019	38.5	42	3.5	core	19019	495	1.0	1.17	<5	55		<5	2.90	<1	13	58	5856	4.42			<10	0.44	392	5	0.08	10	540	10		<5		<20	277		0.05		<10	135	<10	5	47			0.59			
CC2005_8	CC2005-08	19020	42	43.5	1.5	core	19020	390	0.8	1.24	<5	70		<5	2.25	<1	10	65	4812	3.17			<10	0.50	364	2	0.08	9	630	10		<5		<20	422		0.05		<10	122	<10	5	53			0.48			
CC2005_8	CC2005-08	19021	43.5	45	1.5	core	19021	445	1.1	1.21	<5	75		<5	3.01	<1	14	92	5269	4.82			<10	0.71	570	5	0.08	16	710	12		<5		<20	400		0.14		<10	197	<10	3	55			0.53			
CC2005_8	CC2005-08	19022	45	47	2	core	19022	410	1.4	0.93	<5	25		<5	3.56	<1	18	69	4804	5.12			<10	0.63	670	4	0.03	13	760	8		<5		<20	45		0.12		<10	198	<10	2	57			0.48			
CC2005_8	CC2005-08	19023	47	49.2	2.2	core	19023	515	0.8	0.99	<5	20		<5	6.74	<1	17	69	4668	4.77			<10	0.48	895	3	0.03	14	860	8		<5		<20	35		0.06		<10	187	<10	8	46			0.47			
CC2005_8	CC2005-08	19024	49.2	53	3.8	core	19024	565	0.9	0.98	<5	35		<5	3.41	<1	20	112	7216	6.20			<10	0.66	525	5	0.04	21	740	10		<5		<20	24		0.05		<10	217	<10	5	69			0.72			
CC2005_8	CC2005-08	19025	53	55.5	2.5	core	19025	320	0.8	1.04	<5	25		<5	4.98	<1	16	80	4548	4.34			<10	0.39	583	2	0.04	16	940	10		<5		<20	36		0.06		<10	182	<10	7	53			0.46			
CC2005_8	CC2005-08	19026	55.5	58.57	3.07	core	19026	330	1.0	0.83	<5	185		<5	5.90	<1	19	61	4503	4.75			<10	0.43	696	4	0.03	19	950	6		<5		<20	25		0.03		<10	171	<10	9	62			0.45			
CC2005_8	CC2005-08	19027	61.5	62.79	1.29	core	19027	370	0.6	0.59	<5	50		<5	3.28	<1	17	32	5044	4.82			<10	0.70	512	4	0.08	9	670	16		<5		<20	186		0.09		<10	193	<10	2	46			0.50			
CC2005_8	CC2005-08	19028	62.79	66.45	3.66	core	19028	370	0.7	1.11	<5	40		<5	2.45	<1	14	46	4909	4.74			<10	0.73	512	5	0.04	9	550	10		<5		<20	108		0.05		<10	192	<10	2	50			0.49			
CC2005_8	CC2005-08	19029	66.45	72.24	5.79	core	19029	235	0.5	1.11	<																																						

Original DDH ID	Drillhole ID	Sample #	From (m)	To (m)	Width (m)	Type	Sample #	Au ppb	Ag ppm	Al%	As ppm	Ba ppm	Be ppm	Bi ppm	Ca%	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe%	Hg ppm	K%	La ppm	Mg%	Mn ppm	Mo ppm	Na%	Ni ppm	P ppm	Pb ppm	S%	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Th ppm	Ti%	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Cu % total	Cu % non-S	% Cu Non-S
CC2005_14	CC2005-14	19310	0.91	3.65	2.74	core	19310	5	<0.2	2.41	<5	30		<5	1.84	<1	15	94	521	3.63							0.25	20	430	<2		<5		<20	63		0.10		<10	161	<10	2	23		0.05		
CC2005_14	CC2005-14	19311	3.65	6.1	2.45	core	19311	15	<0.2	2.05	<5	25		<5	1.69	<1	13	88	494	3.06						0.21	18	370	<2		<5		<20	57		0.06		<10	121	<10	2	24		0.05			
CC2005_14	CC2005-14	19312	6.1	7.92	1.82	core	19312	10	<0.2	2.10	<5	15		<5	1.90	<1	11	95	836	2.88					0.12	16	400	<2		<5		<20	48		0.09		<10	116	<10	7	24		0.08				
CC2005_14	CC2005-14	19313	7.92	9.14	1.22	core	19313	10	<0.2	1.85	<5	30		<5	1.51	<1	15	106	392	3.85				0.20	20	380	<2		<5		<20	42		0.08		<10	162	<10	1	73		0.04					
CC2005_14	CC2005-14	19314	9.14	12.8	3.66	core	19314	270	<0.2	1.58	<5	20		<5	1.37	<1	14	97	673	3.53				0.14	17	400	<2		<5		<20	36		0.08		<10	156	<10	3	28		0.07					
CC2005_14	CC2005-14	19315	12.8	16.09	3.29	core	19315	20	<0.2	1.83	<5	25		<5	1.46	<1	11	90	606	3.30				0.19	15	420	<2		<5		<20	42		0.08		<10	147	<10	3	20		0.06					
CC2005_14	CC2005-14	19316	16.09	18.2	2.2	core	19316	20	<0.2	1.99	<5	25		<5	1.48	<1	14	98	920	3.64				0.17	20	400	<2		<5		<20	47		0.09		<10	159	<10	4	28		0.09					
CC2005_14	CC2005-14	19317	18.2	21.03	2.74	core	19317	40	<0.2	2.09	<5	30		<5	1.22	<1	14	24	2554	5.39				0.47	206	4	10	11	450	<2		<20	47		0.05		<10	115	<10	9	37		0.25				
CC2005_14	CC2005-14	19318	21.03	24.08	3.05	core	19318	10	<0.2	1.75	5	40		<5	1.17	<1	6	43	920	2.27				0.34	166	2	0.17	6	660	<2		<20	57		0.06		<10	77	<10	11	21		0.09				
CC2005_14	CC2005-14	19319	24.08	26.37	2.29	core	19319	20	<0.2	1.94	10	25		<5	1.17	<1	7	28	1349	2.77				0.45	188	2	0.12	6	590	<2		<20	42		0.04		<10	70	<10	11	34		0.13				
CC2005_14	CC2005-14	19320	26.37	28.65	2.28	core	19320	10	<0.2	2.00	10	20		<5	1.29	<1	6	32	804	1.61				0.53	206	<1	0.15	6	630	<2		<20	45		0.04		<10	63	<10	9	51		0.08				
CC2005_14	CC2005-14	19321	28.65	30.78	2.13	core	19321	15	<0.2	1.94	10	30		<5	1.31	<1	7	32	828	2.40				0.44	191	2	0.15	6	670	<2		<20	46		0.05		<10	85	<10	10	49		0.06				
CC2005_14	CC2005-14	19322	30.78	33.53	2.75	core	19322	15	<0.2	2.21	<5	20		<5	1.12	<1	19	30	1093	4.70				0.62	430	3	0.10	12	610	<2		<20	36		0.01		<10	104	<10	11	217		0.11				
CC2005_14	CC2005-14	19323	33.53	36.66	2.13	core	19323	5	<0.2	2.16	5	40		<5	1.35	<1	11	35	1218	2.62				0.39	322	2	0.18	9	680	<2		<20	92		0.04		<10	93	<10	11	67		0.12				
CC2005_14	CC2005-14	19324	36.66	37.8	2.14	core	19324	50	<0.2	2.50	<5	25		<5	1.99	<1	17	75	605	3.86				0.68	305	<1	0.24	21	400	<2		<20	74		0.09		<10	144	<10	3	28		0.06				
CC2005_14	CC2005-14	19325	37.8	40.54	2.74	core	19325	15	<0.2	1.80	<5	55		<5	1.35	<1	9	47	281	1.93				0.37	199	1	0.21	6	710	<2		<20	88		0.07		<10	82	<10	8	20		0.03				
CC2005_14	CC2005-14	19326	40.54	42.96	1.52	core	19326	230	<0.2	2.44	<5	85		<5	1.52	<1	16	36	512	3.18				0.65	243	1	0.22	7	700	<2		<20	112		0.08		<10	111	<10	7	25		0.05				
CC2005_14	CC2005-14	19327	42.96	46.72	4.66	core	19327	35	<0.2	1.76	5	55		<5	1.41	<1	13	35	440	1.90				0.44	213	1	0.16	3	690	<2		<20	82		0.06		<10	70	<10	8	12		0.04				
CC2005_14	CC2005-14	19328	46.72	48.16	1.44	core	19328	135	<0.2	1.66	<5	60		<5	1.13	<1	16	40	413	1.86				0.41	248	<1	0.17	2	680	<2		<20	77		0.06		<10	70	<10	8	11		0.04				
CC2005_14	CC2005-14	19329	48.16	50.29	2.13	core	19329	30	<0.2	2.01	20	55		<5	1.29	<1	17	42	510	2.46				0.41	351	2	0.16	3	680	<2		<20	74		0.04		<10	91	<10	7	23		0.05				
CC2005_14	CC2005-14	19330	50.29	53.34	3.05	core	19330	30	<0.2	2.19	<5	75		<5	1.31	<1	14	51	870	3.01				0.64	286	1	0.18	2	640	<2		<20	88		0.05		<10	90	<10	6	15		0.09				
CC2005_14	CC2005-14	19331	53.34	56.99	3.65	core	19331	55	<0.2	1.83	<5	50		<5	1.97	<1	9	42	569	1.73				0.49	305	<1	0.15	3	690	<2		<20	50		0.05		<10	67	<10	9	25		0.06				
CC2005_14	CC2005-14	19332	56.99	60.66	3.67	core	19332	10	<0.2	1.24	<5	30		<5	1.78	<1	6	51	82	0.77				0.22	210	<1	0.15	3	650	<2		<20	43		0.05		<10	30	<10	9	9		0.01				
CC2005_14	CC2005-14	19333	60.66	63.4	2.74	core	19333	20	<0.2	1.27	<5	20		<5	2.07	<1	11	31	122	2.06				0.36	300	<1	0.10	5	740	<2		<20	39		0.07		<10	116	<10	4	14		0.01				
CC2005_14	CC2005-14	19334	63.4	67.36	3.96	core	19334	10	<0.2	1.92	5	30		<5	3.22	<1	8	56	61	1.68				0.52	419	<1	0.13	9	360	<2		<20	58		0.05		<10	60	<10	1	12		0.01				
CC2005_14	CC2005-14	19335	67.36	69.95	2.59	core	19335	10	<0.2	1.37	<5	20		<5	1.76	<1	9	44	293	2.01				0.50	319	<1	0.11	9	630	<2		<20	28		0.05		<10	68	<10	5	22		0.03				
CC2005_14	CC2005-14	19336	69.95	73.76	3.81	core	19336	10	<0.2	1.56	5	40		<5	2.12	<1	7	41	164	1.47				0.34	258	<1	0.14	8	620	<2		<20	60		0.05		<10	59	<10	10	15		0.02				
CC2005_14	CC2005-14	19337	73.76	76.2	2.44	core	19337	30	<0.2	1.42	<5	35		<5	1.58	<1	8	36	167	2.00				0.30	224	<1	0.15	3	650	<2		<20	35		0.04		<10	75	<10	6	15		0.02				
CC2005_14	CC2005-14	19338	76.2	78.44	2.24	core	19338	10	<0.2	1.51	5	35		<5	2.12	<1	6	30	130	1.73				0.38	254	1	0.13	3	670	<2		<20	66		0.04		<10	86	<10	7	24		0.06				
CC2005_14	CC2005-14	19339	78.44	81.38	2.94	core	19339	35	<0.2	1.47	<5	60		<5	1.92	<1	8	31	137	1.79				0.27	229	<1	0.13	3	640	<2		<20	65		0.03		<10	67	<10	5	12		0.01				
CC2005_14	CC2005-14	19340	81.38	84.45	3.07	core	19340																																								

Original DDH ID	Drillhole ID	Sample #	From (m)	To (m)	Width (m)	Type	Sample #	Au ppm	Ag ppm	A16	As ppm	Ba ppm	Be ppm	Bi ppm	Ca%	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe%	Hg ppm	K%	La ppm	Mg ppm	Mn ppm	Mo ppm	Na%	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Th ppm	Ti%	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Cu % total	Cu % non-S	% Cu Non S
CC2007-01x3	CC2007-20B	19847	107.29	108.81	1.52	core	19847	382	0.2	2.16	6	97	<0.5	<0.5	5.66	2	17	65	4665	4.73	<1	0.07	<10	0.78	598	<2	0.06	14	672	<2	1.81	5	8	381	<5	0.05	<10	39	158	<10	31	7	0.47			
CC2007-01x3	CC2007-20B	19848	108.81	110.34	1.53	core	19848	312	<0.2	2.26	5	116	<0.5	<0.5	4.96	2	18	73	4140	5.02	<1	0.08	<10	0.78	590	<2	0.12	15	746	<2	1.39	5	9	356	<5	0.08	<10	44	184	<10	31	8	0.41			
CC2007-01x3	CC2007-20B	19849	110.34	111.36	1.02	core	19849	431	0.4	1.56	9	48	<0.5	<0.5	3.10	2	20	102	5782	5.34	<1	0.07	<10	0.83	457	<2	0.08	15	748	<2	2.33	15	8	144	<5	0.08	<10	163	11	34	9	0.58				
CC2007-01x3	CC2007-20B	19850	111.36	113.39	2.03	core	19850	707	0.9	1.76	8	57	<0.5	<0.5	3.39	2	23	85	7991	5.82	<1	0.08	<10	0.95	551	<2	0.09	17	738	<2	2.50	9	10	201	<5	0.05	<10	15	169	16	39	9	0.80			
CC2007-01x3	CC2007-20B	19851	113.39	114.91	1.52	core	19851	404	0.6	1.62	<5	32	<0.5	<0.5	3.40	2	17	97	4615	4.61	<1	0.07	<10	0.91	507	<2	0.08	15	790	<2	1.71	13	10	87	<5	0.05	<10	16	176	10	23	11	0.46			
CC2007-01x3	CC2007-20B	19852	114.91	116.43	1.52	core	19852	325	0.2	1.64	8	64	<0.5	<0.5	4.00	2	16	53	3615	4.58	<1	0.06	<10	0.78	549	<2	0.06	14	858	<2	1.64	7	7	262	<5	0.02	<10	<10	164	<10	24	9	0.56			
CC2007-01x3	CC2007-20B	19853	116.43	118.95	1.52	core	19853	563	0.3	1.83	<5	124	<0.5	<0.5	2.53	2	17	62	5643	4.81	<1	0.07	<10	0.84	419	<2	0.10	14	823	<2	1.78	15	8	167	<5	0.06	<10	14	163	<10	31	3	0.79			
CC2007-01x3	CC2007-20B	19854	117.95	119.48	1.53	core	19854	471	0.3	1.55	<5	43	<0.5	<0.5	2.32	2	17	78	6043	4.43	<1	0.06	<10	0.64	434	<2	0.06	10	7	93	<5	0.09	<10	11	173	<10	39	10	0.30							
CC2007-01x3	CC2007-20B	19855	119.48	121.01	1.53	core	19855	429	0.5	1.52	13	87	<0.5	<0.5	2.38	2	17	93	5363	4.52	<1	0.06	<10	0.62	497	<2	0.08	12	857	<2	0.92	13	7	256	<5	0.06	<10	20	168	10	54	9	0.54			
CC2007-01x3	CC2007-20B	19856	121.01	122.53	1.52	core	19856	628	0.5	1.67	<5	48	<0.5	<0.5	2.01	3	22	72	7659	6.01	<1	0.06	<10	0.89	576	<2	0.06	12	840	3	1.30	10	8	153	<5	0.06	<10	15	195	16	60	7	0.77			
CC2007-01x3	CC2007-20B	19857	122.53	124.05	1.52	core	19857	534	0.7	1.53	<5	78	<0.5	<0.5	2.22	2	21	124	7332	5.78	<1	0.05	<10	1.09	705	<2	0.06	19	718	2	1.57	12	11	177	<5	0.06	<10	11	179	15	62	9	0.73			
CC2007-01x3	CC2007-20B	19858	124.05	125.57	1.52	core	19858	304	0.7	0.91	<5	38	<0.5	<0.5	1.41	2	13	131	3900	4.85	<1	0.04	<10	0.62	435	<2	0.04	16	523	3	0.59	7	5	98	<5	0.04	<10	19	157	<10	49	7	0.39			
CC2007-01x3	CC2007-20B	19859	125.57	127.10	1.53	core	19859	443	1.6	1.13	8	43	<0.5	<0.5	2.86	2	19	130	8740	4.75	<1	0.04	<10	0.60	609	<2	0.03	15	543	5	1.27	<5	7	33	<5	0.01	<10	16	145	<10	63	6	0.87			
CC2007-01x3	CC2007-20B	19860	127.10	128.62	1.52	core	19860	137	1.0	0.97	<5	38	<0.5	<0.5	1.46	2	16	135	5500	5.21	<1	0.04	<10	0.66	438	<2	0.04	15	503	5	0.99	8	5	86	<5	0.03	<10	18	165	10	45	7	0.55			
CC2007-01x3	CC2007-20B	19861	128.62	130.14	1.52	core	19861	397	0.3	0.78	5	52	<0.5	<0.5	1.24	2	13	126	5480	4.50	<1	0.04	<10	0.48	335	<2	0.03	11	435	5	0.90	5	3	26	<5	0.01	<10	16	119	<10	34	5	0.55			
CC2007-01x3	CC2007-20B	19862	130.14	131.67	1.53	core	19862	459	1.4	1.00	5	27	<0.5	<0.5	1.42	2	22	112	12400	5.49	<1	0.04	<10	0.57	345	<2	0.03	15	544	6	1.90	6	5	13	<5	0.02	<10	15	152	<10	54	6	1.24			
CC2007-01x3	CC2007-20B	19863	131.67	133.19	1.52	core	19863	202	0.1	1.02	<5	<10	<0.5	<0.5	2.11	2	17	132	4170	5.22	<1	0.04	<10	0.54	591	<2	0.03	14	762	<2	0.67	6	7	4	<5	0.02	<10	11	161	<10	57	5	0.42			
CC2007-01x3	CC2007-20B	19864	133.19	134.72	1.53	core	19864	378	1.4	0.93	17	15	<0.5	<0.5	1.14	2	23	125	11700	4.26	<1	0.03	<10	0.36	511	<2	0.02	17	355	6	1.46	<5	4	3	<5	<0.01	<10	<10	90	<10	80	4	1.17			
CC2007-01x3	CC2007-20B	19865	134.72	136.24	1.52	core	19865	323	1.1	1.04	15	14	<0.5	<0.5	2.34	2	13	116	4750	4.07	<1	0.05	<10	0.41	469	<2	0.02	8	430	6	0.91	<5	3	3	<5	<0.01	15	12	92	<10	58	4	0.48			
CC2007-01x3	CC2007-20B	19866	136.24	137.76	1.52	core	19866	256	1.1	0.95	16	15	<0.5	<0.5	2.05	2	13	121	4470	3.72	<1	0.05	<10	0.31	297	<2	0.02	8	387	<2	1.05	<5	2	1	<5	<0.01	<10	17	76	<10	35	4	0.45			
CC2007-01x3	CC2007-20B	19867	137.76	139.29	1.53	core	19867	264	0.4	0.29	17	<10	<0.5	<0.5	1.55	1	10	192	3680	2.14	<1	0.03	<10	0.12	208	<2	0.02	10	191	2	1.03	<5	1	3	<5	<0.01	<10	<10	44	<10	16	3	0.37			
CC2007-01x3	CC2007-20B	19868	139.29	140.81	1.52	core	19868	284	0.5	0.34	33	<10	<0.5	<0.5	2.11	1	10	146	4360	2.35	<1	0.02	<10	0.12	220	<2	0.01	9	192	3	1.07	<5	1	2	<5	<0.01	<10	11	47	<10	25	2	0.44			
CC2007-01x3	CC2007-20B	19869	140.81	142.34	1.53	core	19869	41	<0.2	2.20	<5	110	<0.5	<0.5	1.37	2	18	39	1152	4.44	<1	0.08	<10	1.58	300	<2	0.09	4	844	<2	1.44	<5	8	169	<5	0.11	<10	12	132	<10	17	17	0.12			
CC2007-01x3	CC2007-20B	19870	142.34	143.86	1.52	core	19870	439	0.8	0.11	67	<10	<0.5	<0.5	9	2.16	1	12	262	6420	2.14	<1	0.01	10	0.03	219	<2	0.01	13	130	4	1.72	6	<1	3	<5	<0.01	<10	<10	22	<10	19	2	0.64		
CC2007-01x3	CC2007-20B	19871	143.86	145.38	1.52	core	19871	299	1.0	0.74	19	18	<0.5	<0.5	1.33	2	10	141	4080	3.38	<1	0.06	<10	0.33	384	<2	0.02	8	337	4	1.12	5	2	3	<5	<0.01	<10	<10	71	<10	73	5	0.41			
CC2007-01x3	CC2007-20B	19872	145.38	146.91	1.53	core	19872	355	0.8	0.95	7	<10	<0.5	<0.5	1.52	2	14	119	6100	4.35	<1	0.04	<10	0.23	208	<2	0.01	9	336	2	1.50	5	2	3	<5	<0.01	14	17	71	<10	37	4	0.61			
CC2007-01x3	CC2007-20B	19873	146.91	148.43	1.52	core	19873	379	0.9	0.91	5	<10	<0.5	<0.5	1.51	2	14	130	4850	4.50	<1	0.04	<10	0.20	244	<2	0.02	8	328	5	1.11	<5	2	4	<5	<0.01	13	14	90	<10	36	4	0.49			
CC2007-01x3	CC2007-20B	19874	148.43	149.96	1.53	core	19874	232	0.8	0.47	16	<10	<0.5	<0.5	7	1.97	1	17</																												

Original DDH ID	Drillhole ID	Sample #	From (m)	To (m)	Width (m)	Type	Sample #	Au ppb	Ag ppm	Al%	As ppm	Ba ppm	Be ppm	Bi ppm	Ca%	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe%	Hg ppm	K%	La ppm	Mg%	Mn ppm	Mo ppm	Na%	Ni ppm	P ppm	Pb ppm	Se%	Sb ppm	Sc ppm	Sr ppm	Tb ppm	Ti%	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Cu % total	Cu % non-S	% Cu Non-S
CC2007-01x3	CC2007-20B	19971	297.78	299.31	1.53	core	19971	132	0.8	2.23	<5	83	<0.5	<5	2.28	1	21	89	3760	3.23	<1	0.20	<10	1.12	220	11	0.15	4	689	<2	1.97	6	7	169	<5	0.08	<10	17	99	<10	25	6	0.38			
CC2007-01x3	CC2007-20B	19972	299.31	300.83	1.52	core	19972	92	1.5	1.95	<5	74	<0.5	<5	1.35	2	28	75	3680	4.03	<1	0.19	<10	1.20	221	42	0.14	4	728	<2	2.40	7	8	117	<5	0.12	<10	19	112	<10	25	8	0.37			
CC2007-01x3	CC2007-20B	19973	300.83	302.36	1.53	core	19973	76	0.6	1.99	<5	60	<0.5	<5	1.58	1	22	97	2691	3.48	<1	0.19	<10	1.25	245	12	0.15	3	715	<2	1.76	10	8	70	<5	0.13	<10	15	116	<10	27	8	0.27			
CC2007-01x3	CC2007-20B	19974	302.36	303.88	1.52	core	19974	106	0.9	1.86	<5	67	<0.5	<5	1.50	1	26	88	3480	3.42	<1	0.19	<10	1.03	224	10	0.14	4	665	<2	1.88	9	6	86	<5	0.08	<10	10	92	<10	26	6	0.35			
CC2007-01x3	CC2007-20B	19975	303.88	305.40	1.52	core	19975	54	0.3	2.02	<5	73	<0.5	<5	1.57	1	18	96	1976	3.27	<1	0.22	<10	1.15	221	17	0.17	4	676	<2	1.54	5	6	90	<5	0.07	<10	21	97	<10	23	5	0.20			
CC2007-01x3	CC2007-20B	19976	305.40	305.93	0.53	core	19976	87	1.1	2.03	<5	70	<0.5	<5	1.50	1	31	80	3130	3.49	<1	0.19	<10	1.19	234	12	0.14	4	677	<2	1.97	9	7	144	<5	0.12	<10	16	109	<10	41	7	0.31			
CC2007-01x3	CC2007-20B	19977	305.93	308.45	2.52	core	19977	52	<0.2	2.23	<5	82	<0.5	<5	1.84	1	30	87	2657	4.01	<1	0.25	<10	1.11	220	20	0.17	4	761	<2	2.51	13	8	173	<5	0.13	<10	27	115	<10	22	7	0.27			
CC2007-01x3	CC2007-20B	19978	308.45	309.98	1.53	core	19978	46	1.2	1.90	<5	67	<0.5	<5	1.63	2	33	102	2851	4.48	<1	0.28	<10	0.98	221	6	0.17	5	663	<2	3.21	13	7	62	<5	0.12	<10	30	104	<10	25	6	0.29			
CC2007-01x3	CC2007-20B	19979	309.98	311.50	1.52	core	19979	62	1.2	2.11	<5	72	<0.5	<5	1.65	2	38	112	3260	4.59	<1	0.26	<10	1.12	251	11	0.17	5	692	<2	3.12	9	7	99	<5	0.13	<10	28	110	<10	30	6	0.33			
CC2007-01x3	CC2007-20B	19980	311.50	313.02	1.52	core	19980	47	<0.2	2.14	<5	84	<0.5	<5	2.22	2	29	78	2990	4.02	<1	0.30	<10	1.05	213	7	0.13	4	694	<2	2.70	7	6	92	<5	0.06	<10	20	97	<10	22	5	0.30			
CC2007-01x3	CC2007-20B	19981	313.02	314.54	1.53	core	19981	178	0.8	2.36	<5	113	<0.5	<5	2.36	1	18	91	4780	3.49	<1	0.22	<10	1.15	237	5	0.13	4	679	<2	1.58	7	7	173	<5	0.07	<10	12	102	<10	34	5	0.42			
CC2007-01x3	CC2007-20B	19982	314.54	316.07	1.52	core	19982	124	1.0	2.26	<5	75	<0.5	<5	1.83	1	17	101	3310	3.08	<1	0.13	<10	1.15	374	7	0.16	4	677	<2	1.24	9	6	138	<5	0.11	<10	16	92	<10	39	8	0.33			
CC2007-01x3	CC2007-20B	19983	316.07	317.60	1.53	core	19983	29	0.5	2.30	<5	57	<0.5	<5	1.78	1	32	98	3250	3.54	<1	0.09	<10	1.19	514	10	0.15	4	722	<2	1.52	6	6	175	<5	0.08	<10	11	88	<10	47	6	0.33			
CC2007-01x3	CC2007-20B	19984	317.60	319.12	1.52	core	19984	31	0.6	2.58	<5	87	<0.5	<5	1.88	1	28	88	2652	3.52	<1	0.12	<10	1.20	399	3	0.19	5	726	<2	1.55	9	6	254	<5	0.07	<10	21	90	<10	38	6	0.27			
CC2007-01x3	CC2007-20B	19985	319.12	320.64	1.52	core	19985	43	1.0	2.32	<5	63	<0.5	<5	1.86	1	15	107	3160	3.12	<1	0.12	<10	1.22	404	15	0.18	4	715	<2	1.20	8	6	173	<5	0.07	<10	<10	90	<10	40	6	0.32			
CC2007-01x3	CC2007-20B	19986	320.64	322.17	1.53	core	19986	47	0.5	2.23	<5	38	<0.5	<5	1.91	1	18	98	2511	3.50	<1	0.10	<10	1.23	446	6	0.18	5	792	<2	1.35	10	6	91	<5	0.12	<10	16	104	<10	46	7	0.25			
CC2007-01x3	CC2007-20B	19987	322.17	323.69	1.52	core	19987	90	0.3	1.74	<5	45	<0.5	<5	2.36	1	18	94	3490	3.11	<1	0.11	<10	0.96	253	9	0.12	5	713	<2	1.66	8	6	40	<5	0.05	<10	23	80	<10	37	6	0.35			
CC2007-01x3	CC2007-20B	19988	323.69	325.22	1.53	core	19988	135	1.7	2.08	<5	60	<0.5	<5	2.81	1	23	90	4140	3.28	<1	0.14	<10	0.89	241	5	0.16	4	697	<2	2.01	10	5	128	<5	0.03	<10	22	74	<10	33	6	0.41			
CC2007-01x3	CC2007-20B	19989	325.22	326.74	1.52	core	19989	111	0.5	2.20	<5	69	<0.5	<5	2.34	1	22	114	3420	3.42	<1	0.25	<10	1.13	214	2	0.21	5	759	<2	2.45	12	8	41	<5	0.17	<10	20	114	<10	30	5	0.34			
CC2007-01x3	CC2007-20B	19990	326.74	328.26	1.52	core	19990	140	1.3	2.05	<5	45	<0.5	<5	2.64	1	22	96	4110	3.41	<1	0.19	<10	1.25	238	2	0.15	5	732	<2	2.55	14	8	11	<5	0.18	<10	25	120	<10	37	5	0.41			
CC2007-01x3	CC2007-20B	19991	328.26	329.79	1.53	core	19991	110	1.1	2.30	<5	41	<0.5	<5	2.66	1	21	107	3480	3.66	<1	0.12	<10	1.34	296	8	0.16	4	777	<2	2.24	12	8	23	<5	0.15	<10	21	125	<10	35	5	0.35			
CC2007-01x3	CC2007-20B	19992	329.79	331.31	1.52	core	19992	128	1.2	2.61	1	57	<0.5	<5	2.57	1	17	58	4060	3.49	<1	0.11	<10	1.26	269	<2	0.11	4	753	<2	1.56	5	7	23	<5	0.08	<10	18	102	<10	34	6	0.41			
CC2007-01x3	CC2007-20B	19993	331.31	332.84	1.53	core	19993	176	0.8	2.31	<5	40	<0.5	<5	2.56	1	16	73	5000	3.17	11	0.10	<10	1.22	281	<2	0.10	5	1057	<2	1.47	5	6	53	<5	0.03	<10	11	83	<10	46	3	0.50			
CC2007-01x3	CC2007-20B	19994	332.84	334.36	1.52	core	19994	125	0.8	1.99	<5	55	<0.5	<5	3.25	1	14	66	3800	2.74	<1	0.10	<10	0.93	245	7	0.10	3	720	<2	1.43	7	6	102	<5	0.03	<10	20	81	<10	34	6	0.38			
CC2007-01x3	CC2007-20B	19995	334.36	335.88	1.52	core	19995	87	0.7	2.48	<5	77	<0.5	<5	1.77	1	20	104	3000	3.93	1	0.14	<10	1.43	279	6	0.18	5	767	<2	1.10	10	9	133	<5	0.15	<10	17	143	<10	29	6	0.30			
CC2007-01x3	CC2007-20B	19996	335.88	337.41	1.53	core	19996	77	0.5	2.27	<5	56	<0.5	<5	2.12	1	20	105	2769	3.96	<1	0.15	<10	1.25	261	<2	0.18	6	780	<2	2.04	15	8	70	<5	0.16	<10	17	132	<10	25	6	0.28			
Original DDH ID	Drillhole ID	Sample #	From (m)	To (m)	Width (m)	Type	Sample #	Au ppb	Ag ppm	Al%	As ppm	Ba ppm	Be ppm	Bi ppm	Ca%	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe%	Hg ppm	K%	La ppm	Mg%	Mn ppm	Mo ppm	Na%	Ni ppm	P ppm	Pb ppm	Se%	Sb ppm	Sc ppm	Sr ppm	Tb ppm	Ti%	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Cu % total	Cu % non-S	% Cu Non-S
CC2007-02	CC2007-21	56096	2.74	3.74	1.00	core	56096	432	1.4	1.81	<5	134	<0.5	<5	0.55	1	16	69	3067	3.67	1	0.10	<10	0.98	280	4	0.04	6	825	3	0.23	5	8	37												

Original DDH ID	Drillhole ID	Sample #	From (m)	To (m)	Width (m)	Type	Sample #	Au ppb	Ag ppm	Al%	As ppm	Ba ppm	Be ppm	Bi ppm	Ca%	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe%	Hg ppm	K%	La ppm	Mg%	Mn ppm	Mo ppm	Na%	Ni ppm	P ppm	Pb ppm	S%	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Th ppm	Ti%	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Cu % total	Cu % non-S	% Cu Non S					
CC2007-023	CC2007-21B	19998	130.15	131.67	1.52	core	19998	201	0.2	2.13	<5	95	<0.5	<5	2.89	1	17	61	3946	4.46	<1	0.12	<10	0.99	476	<2	0.15	11	1048	6	0.52	<5	9	221	<5	0.15	<10	<10	165	<10	165	<10	32	7								
CC2007-023	CC2007-21B	19999	131.67	133.2	1.53	core	19999	304	<0.2	1.99	<5	87	<0.5	<5	2.7	1	17	34	5152	4.80	<1	0.12	<10	1.3	521	<2	0.09	10	992	8	0.6	<5	9	250	<5	0.1	<10	<10	152	<10	152	<10	32	7								
CC2007-023	CC2007-21B	20000	133.2	134.72	1.52	core	20000	190	<0.2	1.67	<5	75	<0.5	<5	2.41	1	13	63	2863	3.55	<1	0.08	<10	0.85	382	<2	0.1	6	757	5	0.56	7	6	211	<5	0.09	<10	<10	117	<10	117	<10	20	8								
CC2007-023	CC2007-21B	20001	134.72	136.25	1.53	core	20001	301	<0.2	1.56	5	70	<0.5	<5	1.65	1	15	45	5585	3.32	<1	0.07	<10	0.81	268	<2	0.09	8	771	5	0.65	<5	6	177	<5	0.11	<10	<10	99	<10	99	<10	24	10								
CC2007-023	CC2007-21B	20002	136.25	137.77	1.52	core	20002	378	<0.2	2.31	<5	71	<0.5	<5	2.98	2	23	76	7205	5.18	<1	0.09	<10	0.95	433	<2	0.11	19	1052	10	0.69	<5	9	185	<5	0.14	<10	<10	110	<10	110	<10	29	8								
CC2007-023	CC2007-21B	20003	137.77	139.29	1.52	core	20003	272	<0.2	1.77	<5	34	<0.5	<5	3.1	1	22	71	5633	4.53	<1	0.07	<10	0.87	492	<2	0.09	17	979	7	0.69	<5	9	100	<5	0.16	<10	<10	114	<10	114	<10	34	8								
CC2007-023	CC2007-21B	20004	139.29	140.82	1.53	core	20004	294	0.5	2.08	<5	72	<0.5	<5	4.83	1	17	74	5112	4.34	1	0.09	<10	0.82	670	38	0.09	18	895	4	0.65	<5	10	262	<5	0.11	<10	<10	115	<10	115	<10	36	6								
CC2007-023	CC2007-21B	20005	140.82	142.34	1.52	core	20005	214	<0.2	2.26	<5	155	<0.5	<5	4.37	1	18	96	3920	4.93	<1	0.12	<10	0.78	595	<2	0.13	17	896	10	0.59	<5	9	592	<5	0.13	<10	<10	113	<10	113	<10	45	8								
CC2007-023	CC2007-21B	20006	142.34	143.87	1.53	core	20006	239	<0.2	2.06	<5	121	<0.5	<5	3.74	1	19	77	4052	4.77	<1	0.08	<10	0.82	550	<2	0.12	19	898	5	0.68	6	8	447	<5	0.1	<10	<10	113	<10	113	<10	27	6								
CC2007-023	CC2007-21B	20007	143.87	145.39	1.52	core	20007	160	<0.2	1.99	<5	80	<0.5	<5	3.16	1	16	93	2626	3.54	<1	0.08	<10	0.86	462	<2	0.11	20	785	3	0.62	<5	7	272	<5	0.08	<10	<10	112	<10	112	<10	19	5								
CC2007-023	CC2007-21B	20008	145.39	146.91	1.52	core	20008	164	<0.2	1.85	<5	74	<0.5	<5	2.57	1	19	79	2980	4.84	<1	0.07	<10	0.6	347	<2	0.14	21	908	4	0.53	5	6	257	<5	0.1	<10	<10	119	<10	119	<10	31	6								
CC2007-023	CC2007-21B	20009	146.91	148.44	1.53	core	20009	170	<0.2	1.68	<5	24	<0.5	<5	2.91	1	19	87	3389	4.93	<1	0.07	<10	0.78	442	<2	0.14	24	916	5	0.56	<5	6	57	<5	0.17	<10	<10	117	<10	117	<10	32	8								
CC2007-023	CC2007-21B	20010	148.44	149.96	1.52	core	20010	279	<0.2	1.38	<5	57	<0.5	<5	3.31	2	24	101	5001	5.61	1	0.07	<10	0.75	519	<2	0.09	27	878	5	0.83	<5	8	74	<5	0.17	<10	<10	114	<10	114	<10	45	9								
CC2007-023	CC2007-21B	20011	149.96	151.49	1.53	core	20011	427	0.6	0.98	13	136	<0.5	<5	1.8	1	20	98	7419	4.40	1	0.11	<10	0.9	353	5	0.07	14	921	7	0.83	<5	9	32	<5	0.2	<10	<10	115	<10	115	<10	33	6								
CC2007-023	CC2007-21B	20012	151.49	153.01	1.52	core	20012	244	0.3	1.13	<5	58	<0.5	<5	2.05	1	13	101	3901	3.90	<1	0.11	<10	1.08	324	5	0.06	14	1015	3	0.74	<5	9	26	<5	0.18	<10	<10	117	<10	117	<10	18	7								
CC2007-023	CC2007-21B	20013	153.01	154.53	1.52	core	20013	342	<0.2	1.23	<5	152	<0.5	<5	2.03	1	20	108	5753	3.87	1	0.35	<10	1.04	275	3	0.07	15	908	5	0.83	<5	10	28	<5	0.16	<10	<10	124	<10	124	<10	16	8								
CC2007-023	CC2007-21B	20014	154.53	156.06	1.53	core	20014	371	<0.2	1.92	<5	120	<0.5	<5	3.89	11	13	49	2941	4.43	<1	0.18	<10	1.17	386	<2	0.09	6	880	5	1.1	5	8	47	<5	0.07	<10	<10	119	<10	119	<10	19	7								
CC2007-023	CC2007-21B	20015	156.06	157.58	1.52	core	20015	123	<0.2	2.17	<5	118	<0.5	<5	1.75	1	15	62	1477	4.42	<1	0.28	<10	1.37	258	<2	0.1	4	860	5	0.75	<5	8	57	<5	0.15	<10	<10	117	<10	117	<10	12	8								
CC2007-023	CC2007-21B	20016	157.58	159.11	1.53	core	20016	121	<0.2	2.09	5	45	<0.5	<5	1.5	1	12	54	2088	3.70	<1	0.12	<10	1.47	195	<2	0.08	4	896	4	1.07	<5	8	42	<5	0.12	<10	<10	110	<10	110	<10	13	8								
CC2007-023	CC2007-21B	20017	159.11	160.63	1.52	core	20017	162	<0.2	2.06	8	149	<0.5	<5	1.35	1	17	68	3593	3.92	1	0.3	<10	1.3	215	<2	0.11	5	903	6	0.73	<5	8	72	<5	0.17	<10	<10	112	<10	112	<10	12	6								
CC2007-023	CC2007-21B	20018	169.77	171.29	1.52	core	20018	197	<0.2	2.01	<5	148	<0.5	<5	1.48	1	18	49	3989	4.23	<1	0.31	<10	1.3	304	<2	0.1	5	896	7	0.78	<5	9	59	<5	0.16	<10	<10	136	<10	136	<10	23	4								
CC2007-023	CC2007-21B	20019	171.29	172.82	1.53	core	20019	123	<0.2	2	<5	83	<0.5	<5	1.98	1	15	70	2425	3.90	<1	0.19	<10	1.28	314	<2	0.09	5	833	6	0.57	<5	8	48	<5	0.15	<10	<10	129	<10	129	<10	18	5								
CC2007-023	CC2007-21B	20020	172.82	174.34	1.52	core	20020	132	<0.2	2.25	<5	93	<0.5	<5	1.87	1	17	47	2639	4.66	<1	0.21	<10	1.43	376	<2	0.12	5	1005	7	0.73	<5	9	91	<5	0.18	<10	<10	115	<10	115	<10	23	5								
CC2007-023	CC2007-21B	20021	174.34	175.86	1.52	core	20021	184	<0.2	2.07	<5	82	<0.5	<5	1.57	1	17	67	3588	4.07	<1	0.21	<10	1.35	301	<2	0.09	5	953	6	0.82	<5	9	53	<5	0.17	<10	<10	125	<10	125	<10	23	4								
CC2007-023	CC2007-21B	20022	175.86	177.39	1.53	core	20022	194	<0.2	2.03	<5	103	<0.5	<5	1.38	2	21	54	3829	4.65	<1	0.38	<10	1.43	287	<2	0.08	11	824	<2	1.55	<5	10	53	<5	0.15	21	<10	124	<10	124	<10	30	6								
CC2007-023	CC2007-21B	20023	177.39	178.91	1.52	core	20023	301	0.8	1.74	<5	159	<0.5	<5	1.48	2	24																																			

Original DDH ID	Drillhole ID	Sample #	From (m)	To (m)	Width (m)	Type	Sample #	Au ppb	Ag ppm	Al%	As ppm	Ba ppm	Be ppm	Bi ppm	Ca%	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe%	Hg ppm	K%	La ppm	Mg%	Mn ppm	Mo ppm	Na%	Ni ppm	P ppm	Pb ppm	Se ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Th ppm	Ti%	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Cu % total	Cu % non-S	% Cu Non S						
CC2007-04	CC2007-23	56956	3.04	5.18	2.14	core	56956	83	0.50	1.72	6.5	44	<1	0.1	0.94	0.3	14.9	38	4625.5	3.79	0.1	0.09	4	0.91	1180	0.9	0.1	3.9	0.079	<0.1	0.06	0.1	6.8	24	0.6	0.131	0.1	0.4	140	1	148	15.1											
CC2007-04	CC2007-23	56957	5.18	6.7	1.52	core	56957	123	0.10	1.62	6.5	24	<1	<0.1	0.97	0.4	12.4	31	3224.1	3.62	<0.1	0.09	4	0.82	1186	0.6	0.09	3.9	0.082	0.2	<0.05	0.1	5.3	21	0.6	0.117	0.1	0.3	118	0.5	168	18											
CC2007-04	CC2007-23	56958	6.7	8.22	1.52	core	56958	208	0.30	1.92	9.4	46	<1	<0.1	1.22	0.8	8.5	30	455.3	4.03	<0.1	0.14	3	1.03	1317	1	0.07	3.8	0.086	0.1	0.19	<0.1	5.4	21	0.6	0.14	0.1	0.4	124	0.5	213	19.4											
CC2007-04	CC2007-23	56959	8.22	9.75	1.53	core	56959	58	0.10	1.86	7.2	30	<1	<0.1	1.32	0.4	6.3	29	125.3	3.76	<0.1	0.11	3	0.98	1184	0.5	0.07	2.9	0.079	0.1	<0.05	0.1	6.4	27	0.7	0.127	<0.1	0.4	119	0.5	176	19.4											
CC2007-04	CC2007-23	56960	9.75	11.22	1.47	core	56960	148	0.20	1.76	4.8	35	<1	<0.1	1.76	0.9	8.1	43	357.2	4.19	<0.1	0.12	3	1.19	1509	0.7	0.04	3.8	0.081	<0.1	0.05	<0.1	7.6	18	0.8	0.111	<0.1	0.3	116	0.4	340	23.5											
CC2007-04	CC2007-23	56961	11.22	12.8	1.58	core	56961	115	0.20	1.91	5.9	48	<1	<0.1	1.95	0.7	7.4	29	429.1	4.56	0.1	0.16	3	1.28	1735	0.5	0.05	3.1	0.081	<0.1	<0.05	0.1	8.1	14	0.9	0.115	0.1	0.3	119	0.7	456	25											
CC2007-04	CC2007-23	56962	12.8	14.32	1.52	core	56962	177	0.30	1.76	5.4	21	<1	<0.1	1.96	1.7	12.3	30	781.7	3.86	<0.1	0.11	4	1.17	1308	0.9	0.05	3.5	0.083	<0.1	0.08	0.1	8.3	25	0.9	0.123	<0.1	0.3	116	0.6	387	25											
CC2007-04	CC2007-23	56963	14.32	15.84	1.52	core	56963	277	1.10	2.09	5.5	26	<1	0.1	3.04	0.5	27	66	6016.6	2.88	<0.1	0.09	4	1.17	545	3.8	0.05	4.1	0.074	0.5	0.48	0.4	8.9	26	1.1	0.121	<0.1	0.3	116	0.7	102	12.1											
CC2007-04	CC2007-23	56964	15.84	17.37	1.53	core	56964	127	1.00	2.02	6.2	100	<1	0.2	3.01	0.2	16.7	38	3089.1	3.47	<0.1	0.11	4	1.03	989	1.4	0.11	4.3	0.082	0.5	0.58	0.1	7.4	40	1	0.157	<0.1	0.3	129	0.8	98	18.7											
CC2007-04	CC2007-23	56965	17.37	18.89	1.52	core	56965	266	2.10	2.27	5	89	<1	0.4	0.96	0.2	18.9	58	5155.5	3.26	<0.1	0.11	4	1.17	733	1.6	0.15	4.2	0.079	0.5	1.09	0.1	9.3	47	1.1	0.188	<0.1	0.3	132	0.3	70	18.3											
CC2007-04	CC2007-23	56966	18.89	20.42	1.53	core	56966	456	3.50	2.08	4.9	70	<1	0.4	0.77	0.3	17.6	76	9166.9	3.17	<0.1	0.15	4	1.15	544	3	0.13	7	0.068	0.2	0.83	<0.1	9.6	40	1	0.176	<0.1	0.3	124	0.3	90	16.1											
CC2007-04	CC2007-23	56967	20.42	21.94	1.52	core	56967	469	2.00	2.09	4.8	94	<1	0.2	0.65	0.3	27.6	78	>10000	4.65	<0.1	0.27	5	1.5	593	2	0.08	10.1	0.102	0.4	1.2	<0.1	14.3	47	0.9	0.215	0.1	0.4	185	0.2	91	10.4											
CC2007-04	CC2007-23	56968	21.94	23.46	1.52	core	56968	468	1.40	2.09	4.8	137	<1	0.1	0.84	0.3	26.1	69	>10000	4.87	<0.1	0.31	5	1.26	445	1.5	0.09	8.4	0.118	<0.1	0.94	<0.1	13.1	106	0.7	0.245	0.1	0.3	201	0.2	61	5.6											
CC2007-04	CC2007-23	56969	23.46	24.99	1.53	core	56969	454	1.90	1.71	4.1	120	<1	0.1	0.66	0.3	22.2	97	>10000	4.37	<0.1	0.25	5	1.05	453	1.5	0.1	0.2	0.101	<0.1	0.92	<0.1	10.6	88	0.6	0.21	0.1	0.3	163	0.3	74	5.1											
CC2007-04	CC2007-23	56970	24.99	26.51	1.52	core	56970	248	1.30	1.71	3.8	49	<1	0.1	0.65	0.3	24.5	71	>10000	4.24	<0.1	0.13	6	1.12	714	2.2	0.09	7.8	0.108	0.2	0.9	<0.1	8.9	52	0.7	0.149	<0.1	0.3	140	0.2	88	5.9											
CC2007-04	CC2007-23	56971	26.51	28.04	1.53	core	56971	82	0.70	1.92	7.1	21	<1	<0.1	2.2	0.3	9.4	47	3865.3	4.36	<0.1	0.18	5	1.17	1393	1	0.05	6.5	0.088	0.4	0.28	0.1	7.9	28	0.7	0.014	0.1	0.4	109	0.1	143	12											
CC2007-04	CC2007-23	56972	28.04	29.57	1.53	core	56972	206	0.40	1.49	6	82	<0.5	<0.5	2.47	2	21	50	3869	4.57	1	0.12	<0.1	1.13	672	<2	0.05	8	1112	<2	0.92	5	6	9	<5	0.12	<0.1	<0.1	155	<0.1	94	11											
CC2007-04	CC2007-23	56973	29.57	31.09	1.52	core	56973	347	1.10	1.77	11	86	<0.5	<0.5	2.28	2	24	53	7619	4.37	1	0.21	<0.1	1.36	514	<2	0.06	10	1054	<2	0.91	5	9	25	<5	0.09	<0.1	<0.1	154	<0.1	108	8											
CC2007-04	CC2007-23	56975	31.09	32.61	1.52	core	56975	310	0.80	1.53	<5	124	<0.5	<0.5	1.8	2	29	73	5718	4	1	0.29	<0.1	1.17	374	<2	0.09	8	1011	<2	1.19	7	8	<1	<5	0.14	<0.1	15	133	<0.1	35	8											
CC2007-04	CC2007-23	56976	32.61	34.14	1.53	core	56976	279	0.40	1.40	<5	126	<0.5	<0.5	1.72	2	34	80	4436	4.17	<1	0.11	<0.1	1.12	505	<2	0.08	10	1026	<2	1.07	10	8	<1	<5	0.2	<0.1	11	157	<0.1	44	8											
CC2007-04	CC2007-23	56977	34.14	35.66	1.52	core	56977	70	0.2	1.55	<5	33	<0.5	<0.5	1.69	2	14	93	2003	3.96	<1	0.11	<0.1	1.06	1036	2	0.08	6	775	<2	0.42	5	5	<1	<5	0.04	<0.1	<0.1	95	<0.1	263	12											
CC2007-04	CC2007-23	56978	35.66	37.19	1.53	core	56978	247	<0.2	2.04	<5	49	<0.5	<0.5	1.57	4	11	48	195	5.39	1	0.09	<0.1	1.31	1775	<2	0.11	4	875	<2	0.14	7	8	1	<5	0.12	<0.1	<0.1	131	<0.1	511	23											
CC2007-04	CC2007-23	56979	37.19	38.71	1.52	core	56979	53	<0.2	1.91	<5	22	<0.5	<0.5	1.88	4	10	50	243	5.03	1	0.1	<0.1	1.33	1707	<2	0.1	4	864	<2	0.07	10	8	9	<5	0.11	<0.1	<0.1	128	<0.1	443	30											
CC2007-04	CC2007-23	56980	38.71	40.23	1.52	core	56980	199	0.30	1.74	<5	53	<0.5	<0.5	1.62	3	23	63	4657	4.61	1	0.13	<0.1	1.31	1057	<2	0.1	11	939	<2	1	8	8	35	<5	0.16	<0.1	<0.1	168	<0.1	230	14											
CC2007-04	CC2007-23	56981	40.23	41.76	1.53	core	56981	289	0.30	1.57	<5	81	<0.5	<0.5	1.37	2	24	58	6019	3.8	<1	0.17	<0.1	0.94	287	<2	0.1	9	985	<2	1.4	9	5	32	<5	0.17	<0.1	12	139	<0.1	35	7											
CC2007-04	CC2007-23	56982	41.76	43.28	1.52	core	56982	194	0.30	1.57	<5																																										

Original DDH ID	Drillhole ID	Sample #	From (m)	To (m)	Width (m)	Type	Sample #	Au ppb	Ag ppm	Al%	As ppm	Ba ppm	Be ppm	Bi ppm	Ca%	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe%	Hg ppm	K%	La ppm	Mg%	Mn ppm	Mo ppm	Na%	Ni ppm	P ppm	Pb ppm	S%	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Th ppm	Ti%	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Cu % total	Cu % non-S	% Cu Non S				
2004-07	CC2004-07	18845	1.0	3.0	2.0	core	18845	135	0.5	2.40	10	85		<-5	1.88	<1	20	30	2211	3.48			<10	1.03	437	8	0.09	6	730	28	5%	<-5		<-20	260		0.11		<10	114	<10	11	60		0.23	0.160	69.57%				
2004-07	CC2004-07	18846	3.0	5.0	2.0	core	18846	140	0.5	2.84	20	105		<-5	2.77	<1	19	17	2905	3.02			<10	0.96	342	10	0.10	4	570	32	5%	<-5		<-20	396		0.08		<10	112	<10	12	49		0.30	0.210	70.00%				
2004-07	CC2004-07	18847	5.0	8.0	3.0	core	18847	160	0.6	2.24	10	70		<-5	1.71	<1	17	31	4029	3.12			<10	1.10	251	3	0.12	2	620	20	5%	<-5		<-20	180		0.13		<10	114	<10	11	45		0.41	0.180	43.90%				
2004-07	CC2004-07	18848	8.0	11.0	3.0	core	18848	115	0.4	2.00	5	60		<-5	1.64	<1	26	22	3393	4.55			<10	1.08	307	5	0.10	3	920	40	5%	<-5		<-20	210		0.11		<10	117	<10	12	63		0.33	0.150	45.45%				
2004-07	CC2004-07	18849	11.0	14.0	3.0	core	18849	105	0.6	2.78	10	70		<-5	2.27	<1	24	21	4080	4.20			<10	0.99	322	6	0.18	5	850	48	5%	<-5		<-20	536		0.15		<10	131	<10	12	57		0.41	0.150	36.59%				
2004-07	CC2004-07	18850	14.0	17.0	3.0	core	18850	100	0.3	1.53	10	95		<-5	1.96	<1	15	30	3682	3.13			<10	0.76	276	19	0.09	2	500	12	5%	<-5		<-20	168		0.07		<10	103	<10	9	34		0.37	0.080	21.62%				
2004-07	CC2004-07	18851	17.0	20.0	3.0	core	18851	80	0.2	2.31	10	40		<-5	1.77	<1	17	27	2459	3.56			<10	0.81	218	10	0.17	4	670	20	5%	<-5		<-20	501		0.10		<10	115	<10	6	28		0.25	0.090	36.00%				
2004-07	CC2004-07	18852	20.0	23.0	3.0	core	18852	30	0.2	2.58	5	55		<-5	2.08	<1	11	27	1551	3.47			<10	0.56	206	3	0.19	3	690	20	5%	<-5		<-20	896		0.05		<10	118	<10	3	19		0.16	0.100	62.50%				
2004-07	CC2004-07	18853	23.0	26.0	3.0	core	18853	45	<0.2	1.92	<-5	35		<-5	1.62	<1	11	39	1396	3.42			<10	0.71	262	4	0.13	4	690	16	5%	<-5		<-20	241		0.04		<10	122	<10	6	28		0.14	0.080	57.14%				
2004-07	CC2004-07	18854	26.0	29.0	3.0	core	18854	95	0.3	2.25	5	50		<-5	1.65	<1	16	22	3102	3.62			<10	0.92	239	6	0.14	2	650	22	5%	<-5		<-20	404		0.05		<10	124	<10	7	31		0.32	0.080	25.00%				
2004-07	CC2004-07	18855	29.0	32.0	3.0	core	18855	40	0.3	2.42	10	115		<-5	2.01	<1	13	18	1432	3.53			<10	0.82	251	5	0.14	2	710	20	5%	<-5		<-20	472		0.04		<10	132	<10	8	28		0.15	0.050	33.33%				
2004-07	CC2004-07	18856	32.0	35.0	3.0	core	18856																							5%	<-5		<-20																		
2004-07	CC2004-07	18857	35.0	38.0	3.0	core	18857																							5%	<-5		<-20																		
2004-07	CC2004-07	18858	38.0	41.0	3.0	core	18858	145	0.5	1.67	<-5	130		<-5	1.49	<1	18	42	4435	3.63			<10	0.81	276	14	0.14	3	480	12	5%	<-5		<-20	266		0.09		<10	111	<10	11	39		0.45	0.080	17.78%				
2004-07	CC2004-07	18859	41.0	44.0	3.0	core	18859	110	0.4	1.79	<-5	125		<-5	1.30	<1	17	46	3477	3.26			<10	0.92	269	11	0.17	2	590	16	5%	<-5		<-20	197		0.09		<10	89	<10	13	37		0.36	0.120	33.33%				
2004-07	CC2004-07	18860	44.0	47.0	3.0	core	18860	135	0.5	1.67	<-5	90		<-5	1.17	<1	18	49	3855	3.64			<10	0.86	248	10	0.14	2	540	18	5%	<-5		<-20	115		0.10		<10	91	<10	13	39		0.39	0.123	31.54%				
2004-07	CC2004-07	18861	47.0	50.5	3.5	core	18861	145	0.5	1.67	<-5	100		<-5	1.25	<1	17	48	3800	3.17			<10	0.82	234	11	0.15	3	520	16	5%	<-5		<-20	109		0.10		<10	90	<10	11	35		0.38	0.120	31.58%				
2004-07	CC2004-07	18862	50.5	52.8	2.3	core	18862	330	0.9	1.39	5	140		<-5	1.11	<1	17	54	3940	3.00			<10	0.76	209	10	0.13	3	330	10	5%	<-5		<-20	101		0.10		<10	99	<10	9	47		0.66	0.070	10.61%				
2004-07	CC2004-07	18863	52.8	56.0	3.2	core	18863	170	0.5	1.56	10	85		<-5	1.20	<1	14	42	3736	3.10			<10	0.83	241	13	0.13	3	530	14	5%	<-5		<-20	172		0.09		<10	99	<10	9	34		0.38	0.180	47.37%				
2004-07	CC2004-07	18864	56.0	59.0	3.0	core	18864	180	0.5	1.79	5	95		<-5	1.54	<1	15	39	3964	3.51			<10	0.92	330	12	0.14	3	620	18	5%	<-5		<-20	199		0.07		<10	126	<10	12	38		0.39	0.180	46.15%				
2004-07	CC2004-07	18865	59.0	62.0	3.0	core	18865	180	0.5	1.79	<-5	110		<-5	1.17	<1	14	51	3289	3.49			<10	0.92	274	9	0.16	3	580	14	5%	<-5		<-20	265		0.10		<10	123	<10	9	33		0.33	0.230	69.70%				
2004-07	CC2004-07	18866	62.0	65.0	3.0	core	18866	140	0.5	1.41	55	110		<-5	2.50	<1	16	50	3827	2.97			<10	0.66	352	19	0.13	2	530	12	5%	<-5		<-20	84		0.05		<10	107	<10	14	40		0.39	0.120	30.77%				
2004-07	CC2004-07	18867	65.0	68.0	3.0	core	18867	105	0.3	1.81	5	125		<-5	1.20	<1	15	54	2422	3.67			<10	0.93	324	6	0.18	3	620	18	5%	<-5		<-20	219		0.12		<10	125	<10	10	37		0.24	0.080	33.33%				
2004-07	CC2004-07	18868	68.0	71.0	3.0	core	18868	150	0.5	1.52	<-5	140		<-5	1.18	<1	13	68	3228	3.34			<10	0.74	298	40	0.16	3	530	14	5%	<-5		<-20	139		0.06		<10	117	<10	6	34		0.33	0.120	36.36%				
2004-07	CC2004-07	18869	71.0	75.0	4.0	core	18869	150	0.5	1.64	5	140		<-5	1.53	<1	13	44	2850	3.35			<10	0.93	362	10	0.09	5	580	16	5%	<-5		<-20	155		0.05		<10	134	<10	11	40		0.29	0.130	44.83%				
2004-07	CC2004-07	18870	75.0	79.0	4.0	core	18870	190	0.9	1.39	<-5	75		<-5	0.98	<1	17	52	3183	3.18			<10	0.89	368	5	0.07	2	450	16	5%	<-5		<-20	119		0.05		<10	94	<10	7	58		0.72	0.120	16.67%				
2004-07	CC2004-07	18871	79.0	82.0	3.0	core	18871	195	0.5	1.18	<-5	105		<-5	1.03	<1	14	52	4475	3.35			<10	0.59	259	4	0.11	4	540	16	5%	<-5		<-20	75		0.05		<10	99	<10	6	36		0.45	0.060	13.33%				
2004-07	CC2004-07	18872	82.0	85.0	3.0	core	18872	50	<0.2	1.45	5	105		<-5	1.22	<1	12	51	1451	3.39			<10	0.58	263	3	0.15	3	630	12	5%	<-5		<-20	153		0.11		<10	114	<10	5	19		0.16	0.010	6.25%				
2004-07	CC2004-07	18873	85.0	88.0	3.0	core	18873	50	<0.2	1.28	<-5	85		<-5	1.19	<1	12	60	1003	3.36			<10																												

Original DDH ID	Drillhole ID	Sample #	From (m)	To (m)	Width (m)	Type	Sample #	Au ppb	Ag ppm	Al%	As ppm	Ba ppm	Be ppm	Bi ppm	Ca%	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe%	Hg ppm	K%	La ppm	Mg%	Mn ppm	Mo ppm	Na%	Ni ppm	P ppm	Pb ppm	S%	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Th ppm	Ti%	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Cu % total	Cu % non-S	% Cu Non-S		
CC2005_8	CC2005-08	19001	3.8	6.7	2.9	core	19001	335	0.9	1.04	<5	70		<5	0.61	<1	5	62	1273	3.97			<10	0.50	145	7	0.11	6	430	8		<5		<20	167		0.02		<10	130	<10	<1	30			0.13			
CC2005_8	CC2005-08	19002	6.7	9.75	3.05	core	19002	638	1.2	1.44	<5	50		<5	2.63	<1	8	72	2529	5.84			<10	0.48	111	9	0.14	8	510	6		<5		<20	316		0.02		<10	211	<10	<1	30			0.25			
CC2005_8	CC2005-08	19003	9.75	11.8	2.05	core	19003	515	1.1	1.57	<5	45		<5	1.70	<1	17	73	4229	4.22			<10	0.52	113	11	0.10	8	340	8		<5		<20	294		0.03		<10	140	<10	<1	31			0.62			
CC2005_8	CC2005-08	19004	11.8	12.8	1	core	19004	539	1.1	1.51	<5	45		<5	1.71	<1	11	69	4643	4.37			<10	0.48	117	8	0.12	9	380	6		<5		<20	351		0.04		<10	179	<10	<1	31			0.47			
CC2005_8	CC2005-08	19005	12.8	13.8	1	core	19005	569	1.4	1.70	<5	45		<5	1.76	<1	14	75	7504	5.21			<10	0.60	163	10	0.11	12	420	10		<5		<20	364		0.03		<10	190	<10	<1	37			0.72			
CC2005_8	CC2005-08	19006	13.8	15.8	2	core	19006	475	1.0	1.53	<5	40		<5	2.09	<1	16	70	10700	4.91			<10	0.65	231	9	0.07	17	260	8		<5		<20	272		0.02		<10	203	<10	11	46			1.07			
CC2005_8	CC2005-08	19007	17.8	18.8	2	core	19007	465	0.9	1.85	<5	40		<5	3.84	<1	29	76	12760	5.74			<10	0.84	468	7	0.06	25	310	12		<5		<20	150		<0.01		<10	188	<10	17	77			1.27			
CC2005_8	CC2005-08	19008	17.8	19.8	2	core	19008	410	0.9	1.71	<5	60		<5	1.89	<1	23	82	6366	6.36			<10	0.56	261	16	0.14	20	620	14		<5		<20	333		0.06		<10	248	<10	9	47			1.01			
CC2005_8	CC2005-08	19009	19.8	20.5	0.7	core	19009	500	1.2	1.62	<5	55		<5	1.49	<1	17	80	7304	6.85			<10	0.58	187	8	0.09	16	570	10		<5		<20	402		0.07		<10	249	<10	1	46			0.83			
CC2005_8	CC2005-08	19010	20.5	22	1.5	core	19010	400	1.0	1.66	<5	55		<5	1.88	<1	24	76	9700	5.83			<10	0.70	233	5	0.13	22	680	14		<5		<20	444		0.09		<10	259	<10	6	48			0.87			
CC2005_8	CC2005-08	19011	22	23.5	1.5	core	19011	490	1.1	1.84	<5	45		<5	2.29	<1	26	82	9500	6.55			<10	0.83	366	8	0.13	22	600	12		<5		<20	481		0.04		<10	248	<10	7	48			0.76			
CC2005_8	CC2005-08	19012	23.5	25	1.5	core	19012	648	1.3	1.83	<5	50		<5	1.72	<1	27	101	9614	6.50			<10	0.74	267	9	0.12	17	390	12		<5		<20	550		0.03		<10	197	<10	5	43			0.86			
CC2005_8	CC2005-08	19013	25	28	3	core	19013	618	1.2	1.70	<5	45		<5	0.95	<1	27	88	7857	7.43			<10	0.73	264	19	0.11	19	440	16		<5		<20	466		0.02		<10	207	<10	4	47			0.79			
CC2005_8	CC2005-08	19014	28	32.5	4.5	core	19014	570	1.1	1.56	<5	75		<5	2.61	<1	16	83	6336	5.95			<10	0.59	477	9	0.11	15	720	14		<5		<20	372		0.06		<10	224	<10	8	74			0.63			
CC2005_8	CC2005-08	19015	32.5	34	1.5	core	19015	563	1.2	1.51	<5	60		<5	2.35	<1	19	73	7108	6.37			<10	0.52	401	8	0.12	14	650	12		<5		<20	371		0.06		<10	205	<10	3	60			0.71			
CC2005_8	CC2005-08	19016	34	35.5	1.5	core	19016	465	0.9	1.54	<5	65		<5	2.01	<1	15	74	4834	6.60			<10	0.64	428	8	0.11	11	630	12		<5		<20	385		0.04		<10	223	<10	3	51			0.50			
CC2005_8	CC2005-08	19017	35.5	37	1.5	core	19017	595	1.4	1.40	<5	55		<5	1.62	<1	18	69	7557	6.22			<10	0.65	360	6	0.10	13	680	12		<5		<20	516		0.05		<10	207	<10	3	64			0.76			
CC2005_8	CC2005-08	19018	37	38.5	1.5	core	19018	525	1.0	1.55	<5	70		<5	2.83	<1	18	76	9794	6.11			<10	0.79	552	4	0.07	15	580	10		<5		<20	482		0.02		<10	229	<10	4	78			0.98			
CC2005_8	CC2005-08	19019	38.5	42	3.5	core	19019	495	1.0	1.17	<5	55		<5	2.90	<1	13	58	5856	4.42			<10	0.44	392	5	0.08	10	540	10		<5		<20	277		0.03		<10	135	<10	5	47			0.59			
CC2005_8	CC2005-08	19020	42	43.5	1.5	core	19020	390	1.0	1.24	<5	70		<5	2.25	<1	10	65	4812	3.17			<10	0.50	364	2	0.08	9	630	10		<5		<20	422		0.05		<10	122	<10	5	53			0.48			
CC2005_8	CC2005-08	19021	43.5	45	1.5	core	19021	445	1.1	1.21	<5	75		<5	3.01	<1	14	92	5200	4.82			<10	0.71	570	5	0.08	16	710	12		<5		<20	400		0.14		<10	197	<10	3	55			0.53			
CC2005_8	CC2005-08	19022	45	47	2	core	19022	410	1.4	0.93	<5	25		<5	3.56	<1	18	69	4904	5.12			<10	0.63	670	4	0.03	13	760	8		<5		<20	45		0.12		<10	198	<10	2	57			0.48			
CC2005_8	CC2005-08	19023	47	49.2	2.2	core	19023	515	0.8	0.99	<5	20		<5	6.74	<1	17	69	4668	4.77			<10	0.48	895	3	0.03	14	860	8		<5		<20	35		0.06		<10	187	<10	8	46			0.47			
CC2005_8	CC2005-08	19024	49.2	53	3.8	core	19024	562	0.9	0.98	<5	35		<5	3.41	<1	20	112	7216	6.20			<10	0.66	525	5	0.04	21	740	10		<5		<20	24		0.05		<10	217	<10	5	69			0.72			
CC2005_8	CC2005-08	19025	53	55.5	2.5	core	19025	320	0.8	1.04	<5	25		<5	4.98	<1	16	80	4548	4.34			<10	0.39	583	2	0.04	16	940	10		<5		<20	36		0.06		<10	182	<10	7	53			0.46			
CC2005_8	CC2005-08	19026	55.5	58.57	3.07	core	19026	330	1.0	0.83	<5	185		<5	5.90	<1	19	61	4503	4.75			<10	0.43	696	4	0.03	19	950	6		<5		<20	25		0.03		<10	171	<10	9	62			0.45			
CC2005_8	CC2005-08	19027	61.5	62.79	1.29	core	19027	370	0.6	1.59	<5	50		<5	3.28	<1	17	32	5044	4.82			<10	0.70	512	4	0.08	9	670	16		<5		<20	186		0.09		<10	193	<10	2	46			0.50			
CC2005_8	CC2005-08	19028	62.79	66.45	3.66	core	19028	370	0.7	1.11	<5	40		<5	2.45	<1	14	46	4909	4.74			<10	0.73	512	5	0.04	9	550	10		<5		<20	108		0.05		<10	192	<10	2	50			0.49			
CC2005_8	CC2005-08	19029	66.45	72.24	5.79	core	19029	335	0.5	1.11	<																																						

CC2007-01x3	CC2007-20B	19925	227.66	229.20	1.54	core	19925	142	1.2	2.25	<5	42	<0.5	<5	1.96	2	14	62	2953	3.68	1	0.09	<10	1.15	329	2	0.16	5	773	<2	1.14	<5	6	84	<5	0.09	<10	<10	106	<10	35	4	0.30
CC2007-01x3	CC2007-20B	19926	229.20	230.73	1.53	core	19926	135	1.2	2.08	<5	46	<0.5	<5	2.07	1	15	63	2990	3.59	<1	0.11	<10	1.13	304	<2	0.14	5	789	<2	1.74	7	6	50	<5	0.08	13	15	98	<10	26	4	0.30
CC2007-01x3	CC2007-20B	19927	230.73	232.25	1.52	core	19927	54	0.6	1.83	<5	35	<0.5	<5	3.00	1	11	57	1268	3.57	1	0.12	10	0.87	426	3	0.13	4	839	<2	0.89	<5	6	50	<5	0.02	<10	<10	93	<10	38	4	0.13
CC2007-01x3	CC2007-20B	19928	232.25	233.78	1.53	core	19928	153	0.8	2.45	<5	85	<0.5	<5	3.80	1	13	45	3670	3.29	<1	0.10	10	0.99	409	<2	0.16	5	788	<2	1.28	<5	7	471	<5	0.02	<10	<10	99	<10	41	5	0.37
CC2007-01x3	CC2007-20B	19929	233.78	235.30	1.52	core	19929	115	0.9	2.90	6	134	<0.5	<5	2.69	2	13	56	2733	3.60	<1	0.14	<10	1.30	425	<2	0.22	6	800	<2	1.15	6	8	764	5	0.06	<10	<10	121	<10	41	5	0.27
CC2007-01x3	CC2007-20B	19930	235.30	236.82	1.52	core	19930	214	1.2	3.33	8	132	<0.5	<5	3.45	2	18	51	4550	3.73	<1	0.12	<10	1.46	414	<2	0.19	6	850	<2	2.06	5	9	821	<5	0.05	<10	23	123	<10	48	4	0.46
CC2007-01x3	CC2007-20B	19931	236.82	238.35	1.53	core	19931	160	1.1	2.95	6	112	<0.5	<5	2.96	2	21	56	4130	4.12	<1	0.09	<10	1.55	395	7	0.17	11	931	<2	1.89	5	8	640	<5	0.08	<10	12	136	<10	49	6	0.41
CC2007-01x3	CC2007-20B	19932	238.35	239.87	1.52	core	19932	221	1.4	3.14	8	106	<0.5	<5	3.09	2	19	45	4870	3.87	<1	0.11	<10	1.54	393	13	0.14	8	820	<2	1.91	5	8	546	<5	0.05	<10	24	122	<10	50	5	0.49
CC2007-01x3	CC2007-20B	19933	239.87	241.40	1.53	core	19933	120	0.8	2.45	<5	74	<0.5	<5	2.09	1	16	75	2942	3.52	<1	0.11	<10	1.26	366	23	0.18	5	792	<2	1.39	5	7	218	<5	0.15	<10	14	120	<10	36	5	0.29
CC2007-01x3	CC2007-20B	19934	241.40	242.92	1.52	core	19934	72	1.0	2.47	<5	78	<0.5	<5	1.38	1	16	75	2156	3.51	1	0.12	<10	1.35	419	3	0.17	5	763	<2	0.74	5	7	136	<5	0.14	<10	<10	124	<10	42	5	0.22
CC2007-01x3	CC2007-20B	19935	242.92	244.44	1.52	core	19935	186	1.4	2.51	6	19	<0.5	<5	2.32	1	16	71	4510	3.02	<1	0.10	<10	1.23	331	25	0.08	4	721	<2	1.20	5	6	20	<5	0.06	<10	10	87	<10	50	4	0.48
CC2007-01x3	CC2007-20B	19936	244.44	245.97	1.53	core	19936	386	1.7	1.99	<5	18	<0.5	<5	1.93	1	16	76	3960	3.07	<1	0.10	<10	1.29	395	3	0.08	5	718	<2	1.53	<5	6	<1	<5	0.04	<10	<10	90	<10	58	7	0.77
CC2007-01x3	CC2007-20B	19937	245.97	247.49	1.52	core	19937	336	1.8	2.15	12	<10	<0.5	<5	3.86	1	16	65	3750	2.97	<1	0.08	10	1.06	266	7	0.06	4	697	<2	1.67	<5	6	<1	<5	0.01	<10	26	70	<10	51	3	0.76
CC2007-01x3	CC2007-20B	19938	247.49	249.02	1.53	core	19938	194	1.7	1.86	<5	19	<0.5	<5	1.94	1	17	70	3510	3.16	<1	0.11	<10	1.13	347	<2	0.09	4	766	<2	1.23	<5	5	12	<5	0.04	<10	12	80	<10	52	4	0.55
CC2007-01x3	CC2007-20B	19939	249.02	250.54	1.52	core	19939	198	2.2	2.25	8	15	<0.5	5	2.86	1	14	68	3540	3.05	<1	0.10	<10	1.09	398	5	0.08	5	770	<2	1.24	6	5	19	<5	<0.01	11	<10	73	<10	49	3	0.66
CC2007-01x3	CC2007-20B	19940	250.54	252.06	1.52	core	19940	154	1.5	2.35	<5	44	<0.5	<5	2.24	1	14	57	4310	3.08	<1	0.09	<10	1.38	398	3	0.12	4	804	<2	1.12	<5	6	141	<5	0.02	<10	17	99	<10	51	3	0.43
CC2007-01x3	CC2007-20B	19941	252.06	253.59	1.53	core	19941	125	1.4	2.54	13	27	<0.5	<5	2.29	2	18	69	3430	3.62	<1	0.08	<10	1.30	423	9	0.14	6	800	<2	1.38	5	8	73	<5	0.10	<10	<10	117	<10	46	5	0.54
CC2007-01x3	CC2007-20B	19942	253.59	255.11	1.52	core	19942	116	1.4	2.55	<5	29	<0.5	<5	2.09	1	19	57	3480	3.63	<1	0.08	<10	1.45	445	9	0.15	5	888	<2	0.97	6	9	76	<5	0.14	<10	17	136	<10	47	5	0.35
CC2007-01x3	CC2007-20B	19943	255.11	256.64	1.53	core	19943	66	1.5	2.43	<5	35	<0.5	<5	1.98	1	15	65	4090	2.96	<1	0.07	<10	1.32	478	8	0.16	5	860	<2	1.14	<5	7	110	<5	0.07	<10	<10	103	<10	53	4	0.41
CC2007-01x3	CC2007-20B	19944	256.64	258.16	1.52	core	19944	41	1.3	2.38	6	24	<0.5	<5	3.00	1	12	85	3510	2.68	<1	0.08	<10	1.11	549	39	0.13	5	692	<2	1.83	6	5	61	<5	0.04	<10	10	78	<10	44	5	0.35
CC2007-01x3	CC2007-20B	19945	258.16	259.68	1.52	core	19945	35	0.8	3.00	8	33	<0.5	<5	3.06	1	15	52	3090	3.22	<1	0.07	10	1.18	686	8	0.10	3	1049	<2	0.92	5	5	113	<5	0.08	<10	<10	102	<10	69	11	0.31
CC2007-01x3	CC2007-20B	19946	259.68	261.21	1.53	core	19946	109	1.2	2.48	5	33	<0.5	<5	2.10	1	15	63	4430	2.96	<1	0.07	<10	1.27	411	12	0.12	5	781	<2	1.22	8	7	71	<5	0.14	<10	14	108	<10	39	9	0.44
CC2007-01x3	CC2007-20B	19947	261.21	262.73	1.52	core	19947	85	1.2	2.23	<5	42	<0.5	<5	2.40	1	15	64	3920	2.97	<1	0.07	<10	1.20	537	72	0.12	5	795	<2	1.45	8	7	101	<5	0.14	<10	<10	102	<10	55	9	0.39
CC2007-01x3	CC2007-20B	19948	262.73	264.26	1.53	core	19948	59	0.9	1.86	<5	39	<0.5	<5	1.98	1	13	79	3420	3.16	1	0.11	<10	1.05	611	24	0.12	6	750	<2	1.30	6	4	25	<5	0.02	<10	<10	78	<10	53	5	0.34
CC2007-01x3	CC2007-20B	19949	264.26	265.08	0.82	core	19949	276	2.2	1.36	<5	77	<0.5	<5	2.66	1	16	78	3530	2.96	<1	0.17	<10	0.91	308	153	0.06	6	558	9	2.69	<5	3	<1	<5	0.01	<10	12	58	<10	24	5	0.69
CC2007-01x3	CC2007-20B	19950	265.08	267.30	2.22	core	19950	176	1.3	1.75	<5	96	<0.5	<5	2.08	1	16	79	4990	2.80	<1	0.18	<10	0.96	230	74	0.11	5	630	<2	2.14	<5	4	118	<5	0.02	<10	17	75	<10	16	6	0.49
CC2007-01x3	CC2007-20B	19951	267.30	268.83	1.53	core	19951	83	1.0	2.22	<5	94	<0.5	<5	1.64	1	21	67	2579	3.56	<1	0.15	<10	1.28	306	26	0.15	5	794	<2	1.82	<5	6	204	<5	0.04	<10	<10	92	<10	19	6	0.26
CC2007-01x3	CC2007-20B	19952	268.83	270.35	1.52	core	19952	44	0.4	2.33	<5	81	<0.5	<5	1.49	1	16	76	1769	3.31	<1	0.16	<10	1.27	272	6	0.19	5	751	<2	1.37	5	6	207	<5	0.07	<10	<10	102	<10	19	11	0.18
CC2007-01x3	CC2007-20B	19953	270.35	271.88	1.53	core	19953	55	0.9	2.14	<5	91	<0.5	<5	1.78	1	18	69	2191	2.73	<1	0.15	<10	1.03	242	8	0.15	4	589	<2	1.46	7	6	210	<5	0.07	<10	13	85	<10	18	10	0.22
CC2007-01x3	CC2007-20B	19954	271.88	273.40	1.52	core	19954	126	0.9	2.64	<5	132	<0.5	<5	2.21	1	18	72	4310	2.78	<1	0.22	<10	0.89	210	22	0.19	5	630	<2	1.76	6	6	402	<5	0.07	<10	10	82	<10	18	8	0.43
CC2007-01x3	CC2007-20B	19955	273.40	274.92	1.52	core	19955	55	0.5	2.13	<5	69	<0.5	<5	1.87	1	16	86	2581	2.52	<1	0.13	<10	0.91	226	21	0.13	5	544	<2	1.52	<5	5	169	<5	0.06	<10	18	72	<10	17	9	0.26
CC2007-01x3	CC2007-20B	19956	274.92	276.45	1.53	core	19956	79	0.2	1.99	<5	79	<0.5	<5	1.16	1	20	88	2506	3.17	<1	0.27	<10	1.16	213	10	0.17	4	639	<2	1.74	11	7	107	<5	0.13	<10	<10	108	<10	17	12	0.25
CC2007-01x3	CC2007-20B	19957	276.45	277.97	1.52	core	19957	144	1.2	2.07	<5	77	<0.5	<5	1.88	1	24	89	4280	3.52	<1	0.25	<10	1.20	280	22	0.14	4	691	<2													

Original DDH ID	Drillhole ID	Sample #	From (m)	To (m)	Width (m)	Type	Sample #	Au ppb	Ag ppm	Al%	As ppm	Ba ppm	Be ppm	Bi ppm	Ca%	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe%	Hg ppm	K%	La ppm	Mg%	Mn ppm	Mo ppm	Na%	Ni ppm	P ppm	Pb ppm	S%	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Th ppm	Ti%	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Cu % total	Cu % non-S	% Cu Non-S							
CC2007-03	CC2007-22	56114	0	1.52	1.52	core	56114	50	0.60	1.99	<5	47	<5	<5	2.45	3	14	49	851	5.36	<1	0.10	<10	1.30	1956	<2	0.08	20	984	5	0.05	6	8	37	<5	0.07	<10	19	139	41	415	19	869	17										
CC2007-03	CC2007-22	56115	1.52	2.74	1.22	core	56115	38	0.90	1.73	<5	43	<5	<5	1.04	5	7	44	778	4.89	<1	0.10	<10	1.34	2180	<2	0.07	11	979	3	0.07	7	7	19	<5	0.06	<10	19	126	<10	466	16												
CC2007-03	CC2007-22	56116	2.74	2.77	0.03	core	56116	63	2.00	1.74	<5	42	<5	<5	0.99	3	2	32	1129	4.94	<1	0.13	<10	1.37	2406	<2	0.07	24	895	2	0.06	6	7	12	<5	0.02	<10	20	124	<10	466	16												
CC2007-03	CC2007-22	56117	2.77	5.79	3.02	core	56117	213	1.40	1.62	<5	86	<5	<5	0.67	1	18	33	354	3.29	<1	0.11	<10	0.96	406	4	0.05	24	963	8	0.17	<5	7	60	<5	0.04	<10	<10	91	<10	48	11												
CC2007-03	CC2007-22	56118	5.79	6.71	0.92	core	56118	231	1.40	1.64	9	113	<5	<5	0.5	1	9	50	3225	3.64	<1	0.18	<10	0.92	311	5	0.05	8	840	6	0.22	<5	7	32	<5	0.06	<10	11	100	11	28	12												
CC2007-03	CC2007-22	56119	6.71	8.23	1.52	core	56119	359	0.40	2.07	<5	94	<5	<5	0.41	1	14	37	2551	3.49	<1	0.34	<10	1.22	260	4	0.04	4	823	12	0.11	<5	8	18	<5	0.05	<10	<10	130	<10	22	10												
CC2007-03	CC2007-22	56120	8.23	9.30	1.07	core	56120	282	0.30	2.12	<5	160	<5	<5	0.60	1	14	37	2551	3.49	<1	0.34	<10	1.22	260	4	0.04	4	823	12	0.11	<5	8	18	<5	0.05	<10	<10	130	<10	22	10												
CC2007-03	CC2007-22	56121	9.30	12.8	3.50	core	56121	236	1.40	2.07	<5	154	<5	<5	0.77	1	23	40	3336	3.43	<1	0.28	<10	1.3	293	3	0.08	3	975	8	0.59	<5	10	26	<5	0.15	<10	<10	103	<10	32	15												
CC2007-03	CC2007-22	56122	12.8	15.84	3.04	core	56122	216	1.10	2.06	<5	88	<5	<5	0.92	1	14	59	4655	3.58	<1	0.19	<10	1.24	251	2	0.11	4	920	5	0.81	6	10	25	<5	0.15	<10	<10	136	<10	31	15												
CC2007-03	CC2007-22	56123	15.84	18.9	3.06	core	56123	178	0.70	1.79	<5	74	<5	<5	1.24	1	16	45	3143	3.64	<1	0.14	<10	1.19	257	<2	0.09	4	924	9	1.23	5	9	26	<5	0.14	<10	<10	130	<10	31	16												
CC2007-03	CC2007-22	56124	18.9	21.96	3.05	core	56124	176	0.80	1.89	<5	100	<5	<5	1.58	1	16	57	4284	3.75	<1	0.17	<10	1.21	234	<2	0.12	4	883	8	1.37	<5	9	26	<5	0.16	13	<10	135	<10	26	16												
CC2007-03	CC2007-22	56125	21.96	25	3.05	core	56125	163	0.90	1.81	14	115	<5	<5	1.73	2	19	54	5113	4.05	<1	0.21	<10	1.02	264	<2	0.07	5	905	13	2.15	10	7	63	<5	0.05	12	<10	94	<10	43	13												
CC2007-03	CC2007-22	56126	25	28.04	3.04	core	56126	162	1.00	1.89	<5	106	<5	<5	3.3	1	15	32	4020	3.73	<1	0.13	<10	1.12	382	11	0.07	5	1015	18	1.8	10	6	156	<5	0.02	<10	<10	91	<10	37	8												
CC2007-03	CC2007-22	56127	28.04	31.09	3.05	core	56127	181	0.80	1.97	<5	99	<5	<5	2.56	2	24	43	4580	4.82	<1	0.28	<10	1.31	425	<2	0.08	7	1291	3	2.13	7	10	46	<5	0.09	<10	14	153	<10	32	7												
CC2007-03	CC2007-22	56128	31.09	34.14	3.05	core	56128	165	0.50	2.19	<5	138	<5	<5	1.26	2	36	42	3901	5.34	<1	0.32	<10	1.65	414	2	0.1	9	1316	12	1.97	9	11	112	<5	0.21	19	13	167	<10	39	10												
CC2007-03	CC2007-22	56129	34.14	37.19	3.05	core	56129	115	0.60	2.28	<5	143	<5	<5	0.86	2	21	51	3600	4.43	<1	0.29	<10	1.15	267	<2	0.12	4	922	5	1.44	<5	9	82	<5	0.09	18	10	125	<10	27	13												
CC2007-03	CC2007-22	56130	37.19	40.24	3.05	core	56130	146	0.80	1.92	<5	112	<5	<5	1.53	1	17	39	2948	3.58	<1	0.19	<10	0.98	302	<2	0.09	4	909	5	1.02	11	8	106	<5	0.04	<10	<10	104	<10	23	10												
CC2007-03	CC2007-22	56131	40.24	43.29	3.05	core	56131	150	0.80	2.38	<5	150	<5	<5	1.27	2	21	70	3826	4.29	<1	0.25	<10	1.17	399	<2	0.1	4	897	39	1.65	<5	8	186	<5	0.04	<10	14	102	<10	34	11												
CC2007-03	CC2007-22	56132	43.29	46.34	3.05	core	56132	105	0.90	1.83	<5	64	<5	<5	1.59	2	22	51	3593	4.4	<1	0.12	<10	1.01	402	<2	0.11	6	813	14	1.52	<5	7	182	<5	0.07	<10	14	111	<10	29	8												
CC2007-03	CC2007-22	56133	46.34	49.39	3.05	core	56133	112	0.20	2.12	6	53	<5	<5	1.53	2	27	75	4521	4.29	<1	0.2	<10	0.99	719	<2	0.16	6	899	23	1.04	6	7	185	<5	0.14	<10	15	122	<10	36	11												
CC2007-03	CC2007-22	56134	49.39	52.44	3.05	core	56134	123	<0.2	2.20	<5	81	<5	<5	1.1	2	19	58	4233	4.08	<1	0.15	<10	1.08	311	<2	0.18	7	956	9	0.63	<5	7	82	<5	0.19	<10	11	139	<10	32	10												
CC2007-03	CC2007-22	56135	52.44	55.49	3.05	core	56135	98	<0.2	2.64	<5	210	<5	<5	1.15	2	15	68	3755	3.96	<1	0.31	<10	1.3	323	<2	0.24	6	941	19	0.48	<5	9	97	<5	0.17	<10	10	152	<10	38	12												
CC2007-03	CC2007-22	56136	55.49	58.54	3.05	core	56136	103	0.30	2.52	<5	226	<5	<5	1.31	1	15	45	3396	3.94	<1	0.28	<10	1.38	282	<2	0.18	10	979	10	0.61	<5	10	123	<5	0.18	11	15	148	<10	57	10												
CC2007-03	CC2007-22	56137	58.54	61.59	3.05	core	56137	159	0.30	2.62	<5	145	<5	<5	1.31	2	18	87	4293	3.88	<1	0.27	<10	1.17	247	<2	0.28	8	946	15	0.94	<5	9	165	<5	0.16	<10	12	145	<10	43	10												
CC2007-03	CC2007-22	56138	61.59	64.64	3.05	core	56138	144	0.90	2.44	7	212	<5	<5	1.95	2	16	54	3675	4.08	<1	0.4	<10	1.43	341	2	0.2	7	1035	10	1.18	<5	10	126	<5	0.15	<10	12	145	<10	41	10												
CC2007-03	CC2007-22	56139	64.64	67.68	3.04	core	56139	134	0.20	2.38	<5	126	<5	<5	1.51	1	14	72	3243	3.76	<1	0.31	<10	1.27	331	<2	0.19	5	873	13	0.68																							

CC2007-04	CC2007-23	57034	121	122.62	1.52	core	57034	208	0.50	2.08	<5	124	<0.5	<5	1.91	1	15	69	4347	3.65	<1	0.24	<10	1.12	226	<2	0.12	5	740	<2	0.8	5	7	79	<5	0.11	<10	<10	111	<10	19	8	
CC2007-04	CC2007-23	57035	122.52	124.05	1.53	core	57035	209	0.80	1.93	<5	88	<0.5	<5	1.79	2	16	79	4486	3.74	<1	0.19	<10	1.21	236	<2	0.11	5	761	<2	0.76	10	8	57	<5	0.14	<10	<10	123	<10	23	9	
CC2007-04	CC2007-23	57036	124.05	125.57	1.52	core	57036	272	0.80	1.79	<5	63	<0.5	<5	1.93	1	14	82	4596	3.5	1	0.15	<10	1.14	244	6	0.11	5	745	<2	0.72	10	7	36	<5	0.16	<10	<10	118	<10	21	10	
CC2007-04	CC2007-23	57037	125.57	127.1	1.53	core	57037	207	0.50	1.92	5	33	<0.5	<5	2.99	1	14	56	3653	3.46	<1	0.13	<10	1.04	246	<2	0.08	4	719	<2	0.85	<5	6	<1	<5	0.09	<10	<10	100	<10	22	8	
CC2007-04	CC2007-23	57038	127.1	128.62	1.52	core	57038	275	0.80	1.71	<5	55	<0.5	<5	1.76	1	16	86	4543	3.38	<1	0.15	<10	1.1	214	<2	0.1	6	670	<2	1.12	5	7	<1	<5	0.15	<10	<10	106	<10	31	9	
CC2007-04	CC2007-23	19752	128.62	130.14	1.52	core	19752																																				
CC2007-04	CC2007-23	57039	130.14	131.67	1.53	core	57039	223	1.00	2.13	5	81	<0.5	<5	2.89	1	15	63	4996	3.19	1	0.17	<10	1.1	283	<2	0.07	5	672	<2	1.06	<5	7	22	<5	0.08	<10	<10	100	<10	22	8	
CC2007-04	CC2007-23	57040	131.67	134.72	3.05	core	57040	97	0.40	1.66	<5	52	<0.5	<5	2.54	1	12	89	2126	3.36	1	0.11	<10	0.97	400	<2	0.11	4	766	<2	0.85	8	5	24	<5	0.06	<10	<10	102	<10	24	9	
CC2007-04	CC2007-23	57041	134.72	136.24	1.52	core	57041	117	0.20	1.84	<5	67	<0.5	<5	1.97	1	13	75	2528	3.73	1	0.1	<10	0.87	315	<2	0.18	4	802	<2	0.55	8	5	29	<5	0.14	<10	<10	126	<10	18	10	
CC2007-04	CC2007-23	57042	136.24	137.76	1.52	core	57042	122	0.40	1.82	<5	83	<0.5	<5	1.8	1	14	80	2662	3.75	1	0.1	<10	0.79	311	<2	0.2	4	840	<2	0.43	7	4	18	<5	0.14	<10	<10	124	<10	18	9	
CC2007-04	CC2007-23	57043	137.76	139.29	1.53	core	57043	184	0.80	2.01	<5	86	<0.5	<5	1.78	2	18	85	4181	4.05	1	0.14	<10	1.11	267	<2	0.15	5	805	<2	1.15	7	6	2	<5	0.15	<10	<10	132	<10	18	10	
CC2007-04	CC2007-23	57044	139.29	140.81	1.52	core	57044	152	0.20	1.81	<5	110	<0.5	<5	2.74	1	16	89	3374	3.56	<1	0.09	<10	0.97	238	<2	0.16	4	810	<2	0.87	7	6	41	<5	0.14	<10	<10	12	<10	15	9	
CC2007-04	CC2007-23	57045	140.81	142.39	1.58	core	57045	176	<0.2	1.78	<5	63	<0.5	<5	3.28	2	14	74	2690	3.67	<1	0.08	<10	0.82	354	11	0.14	4	780	<2	0.72	<5	5	35	<5	0.12	<10	<10	118	<10	19	9	
CC2007-04	CC2007-23	57046	142.39	143.86	1.47	core	57046	115	0.30	1.77	<5	78	<0.5	<5	1.78	1	14	73	2322	3.58	1	0.09	<10	0.82	301	<2	0.18	4	819	<2	0.48	8	4	22	<5	0.14	<10	<10	124	<10	19	9	
CC2007-04	CC2007-23	57047	143.86	145.38	1.52	core	57047	167	0.80	1.93	<5	88	<0.5	<5	1.68	2	15	84	3685	3.69	1	0.11	<10	0.96	284	<2	0.16	4	817	<2	1	7	6	20	<5	0.14	<10	<10	124	<10	20	8	
CC2007-04	CC2007-23	57048	145.38	146.91	1.53	core	57048	141	0.30	1.88	8	64	<0.5	<5	2.77	1	14	58	2864	3.43	1	0.14	<10	0.97	325	7	0.09	4	767	<2	1.12	5	5	1	<5	0.1	<10	<10	104	<10	28	5	
CC2007-04	CC2007-23	57049	146.91	148.43	1.52	core	57049	92	<0.2	1.80	5	46	<0.5	<5	2.93	1	13	59	1824	3.24	<1	0.11	<10	0.85	397	8	0.11	3	760	<2	0.68	7	5	13	<5	0.11	<10	<10	106	<10	22	5	
CC2007-04	CC2007-23	57050	148.43	149.96	1.53	core	57050	81	0.40	1.81	<5	47	<0.5	<5	2.64	1	14	66	1924	3.69	1	0.1	<10	0.93	467	<2	0.14	4	834	<2	0.52	7	6	14	<5	0.14	<10	<10	122	<10	26	8	
CC2007-04	CC2007-23	19751	149.96	151.8	1.84	core	19751	94	0.60	1.98	7	43	<0.5	<5	3.64	2	14	45	2372	3.78	<1	0.12	<10	0.91	429	<2	0.09	4	787	<2	0.91	8	5	28	<5	0.1	<10	13	112	<10	20	9	
CC2007-04	CC2007-23	19753	151.8	153	1.2	core	19753	71	<0.2	1.80	<5	72	<0.5	<5	2.25	1	14	70	1379	3.41	<1	0.09	<10	0.79	274	<2	0.15	3	759	<2	0.86	9	5	31	<5	0.11	<10	14	109	<10	12	9	
CC2007-04	CC2007-23	19754	153	154.53	1.53	core	19754	73	0.20	1.80	<5	95	<0.5	<5	2.5	1	13	54	1519	3.49	<1	0.09	<10	0.72	325	<2	0.13	4	781	<2	0.5	7	4	37	<5	0.11	<10	16	114	<10	16	9	
CC2007-04	CC2007-23	19755	154.53	156.05	1.52	core	19755	85	0.40	1.90	<5	88	<0.5	<5	2.44	1	13	72	1911	3.51	<1	0.09	<10	0.8	383	<2	0.16	4	790	<2	0.38	9	4	31	<5	0.12	<10	<10	115	<10	15	9	
CC2007-04	CC2007-23	19756	156.05	157.58	1.53	core	19756	95	0.30	2.11	<5	161	<0.5	<5	2.74	2	14	54	2474	3.86	<1	0.09	<10	0.93	343	<2	0.16	4	635	<2	0.57	9	6	41	<5	0.14	<10	<10	11	<10	13	8	
CC2007-04	CC2007-23	19757	157.58	159.1	1.52	core	19757	93	<0.2	2.00	<5	181	<0.5	<5	1.75	2	14	83	2193	3.95	<1	0.11	<10	0.96	315	6	0.17	4	818	<2	0.65	8	6	24	<5	0.13	<10	15	134	<10	15	7	
CC2007-04	CC2007-23	19758	159.1	160.62	1.52	core	19758	77	0.30	1.71	<5	137	<0.5	<5	1.86	1	12	65	1707	3.52	1	0.08	<10	0.74	267	<2	0.15	4	694	<2	0.5	8	4	66	<5	0.09	<10	14	112	<10	16	6	
CC2007-04	CC2007-23	19759	160.62	162.15	1.53	core	19759	201	0.90	1.66	<5	49	<0.5	<5	2.79	1	12	77	4694	2.77	1	0.08	<10	0.83	298	<2	0.06	4	487	<2	0.89	5	4	52	<5	0.01	<10	16	67	<10	20	5	
CC2007-04	CC2007-23	19760	162.15	163.67	1.52	core	19760	120	0.60	1.54	<5	35	<0.5	<5	2.99	1	9	57	3951	2.99	1	0.05	<10	0.87	314	<2	0.07	4	657	<2	0.69	5	4	2	<5	0.04	<10	16	83	<10	17	5	
CC2007-04	CC2007-23	19761	163.67	165.2	1.53	core	19761	68	0.30	1.81	7	48	<0.5	<5	7.15	1	9	51	1695	2.86	<1	0.09	<10	0.72	427	<2	0.07	3	679	<2	0.7	8	3	62	<5	0.01	<10	<10	76	<10	23	4	
CC2007-04	CC2007-23	19762	165.2	166.72	1.52	core	19762	96	0.60	1.68	<5	33	<0.5	<5	2.16	2	9	70	2027	3.28	<1	0.14	<10	0.88	383	5	0.11	4	757	<2	0.41	6	4	<1	<5	0.03	<10	13	95	<10	85	6	
CC2007-04	CC2007-23	19763	166.72	168.24	1.52	core	19763	137	0.70	1.64	<5	52	<0.5	<5	2.11	1	10	88	3292	3.1	<1	0.15	<10	0.82	308	<2	0.11	4	669	<2	0.67	8	5	26	<5	0.07	<10	<10	95	<10	13	5	
CC2007-04	CC2007-23	19764	168.24	169.77	1.53	core	19764	89	0.20	1.83	<5	56	<0.5	<5	1.71	1	13	83	2213	3.33	<1	0.11	<10	0.79	301	<2	0.16	5	740	<2	0.57	7	4	51	<5	0.13	<10	15	111	<10	13	6	
CC2007-04	CC2007-23	19765	169.77	171.29	1.52	core	19765	109	0.20	1.97	5	73	<0.5	<5	1.49	1	15	96	2276	3.43	<1	0.12	<10	0.86	256	<2	0.17	3	723	<2	0.86	10	5	102	<5	0.14	<10	22	114	<10	11	7	
CC2007-04	CC2007-23	19766	171.29	172.82	1.53	core	19766	67	<0.2	1.68	<5	53	<0.5	<5	2.39	1	11	79	1811	3.38	<1	0.08	<10	0.8	319	<2	0.13	5	710	<2	0.41	8	4	24	<5	0.13	<10	16	114	<10	16	6	
CC2007-04	CC2007-23	19767	172.82	174.34	1.52	core	19767	289	0.80	1.69	<5	29	<0.5	<5	2.25	1	23	71	2671	3.51	<1	0.12	<10	1.08	240	<2	0.08	5	730	<2	1.25	8	6	<1	<5	0.12	<10	17	103	<10	24	6	
CC2007-04	CC2007-23	19768	174.34	1																																							

Drillhole ID	Depth	Azimuth	Dip
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Drillhole ID	From(m)	To(m)	Rock_Type
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COMMENTS

OB	overburden
DYKE	dyking

Drillhole ID	Easting	Northing	Elevation(m)	Depth(m)	Path	Zone
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SURVEY Real time GPS???

Drillhole ID	Sample #	From (m)	To (m)	Width (m)	Type	S.G.	Sample	Au ppm	Ag ppm	Al%	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca%	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe%	Ga ppm	Hg ppm	K%	La ppm	Mg%	Mn ppm	Mo ppm	Na%	Ni ppm	P ppm	Pb ppm	S%	Sb ppm	Sc ppm	Sr ppm	Ti%	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ag ppm	Pb%	Zn%	Cu%
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Drillhole ID	Depth	Azimuth	Dip
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Drillhole ID	From(m)	To(m)	Rock_Type
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COMMENTS

OB	overburden
DYKE	dyking

Drillhole ID	Easting	Northing	Elevation(m)	Depth(m)	Path	Zone	SURVEY Real time GPS???
DH1996-1	340590	6457875	1120	21.3	Linear	DKE	no

Drillhole ID	Sample #	From (m)	To (m)	Width (m)	Type	S.G.	Sample	Au ppm	Ag ppm	Al%	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca%	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe%	Ga ppm	Hg ppm	K%	La ppm	Mg%	Mn ppm	Mo ppm	Na%	Ni ppm	P ppm	Pb ppm	S%	Sb ppm	Sc ppm	Sr ppm	Ti%	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ag ppm	Pb%	Zn%	Cu%
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Drillhole ID	From(m)	To(m)	Rock_Type
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COMMENTS

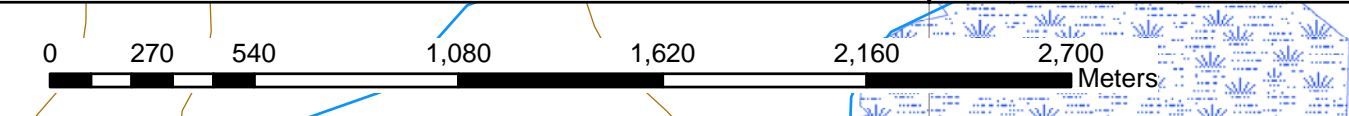
OB	overburden
DYKE	dyking
MZ	Qz monzonite
AND	andesite
AT	andesitic tuff or lithic tuff

Drillhole ID	Easting	Northing	Elevation(m)	Depth(m)	Path	Zone	SURVEY Real time GPS???
G-1-70	341084	6456357					no
G-2-70	341084	6456357					
G-3-70	341178	6456357					
G-4-70	341178	6456357					
G-5-70	341665	6455848					
G-6-70	341497	6455859					

Firesteel Resources Inc.
Claim Map

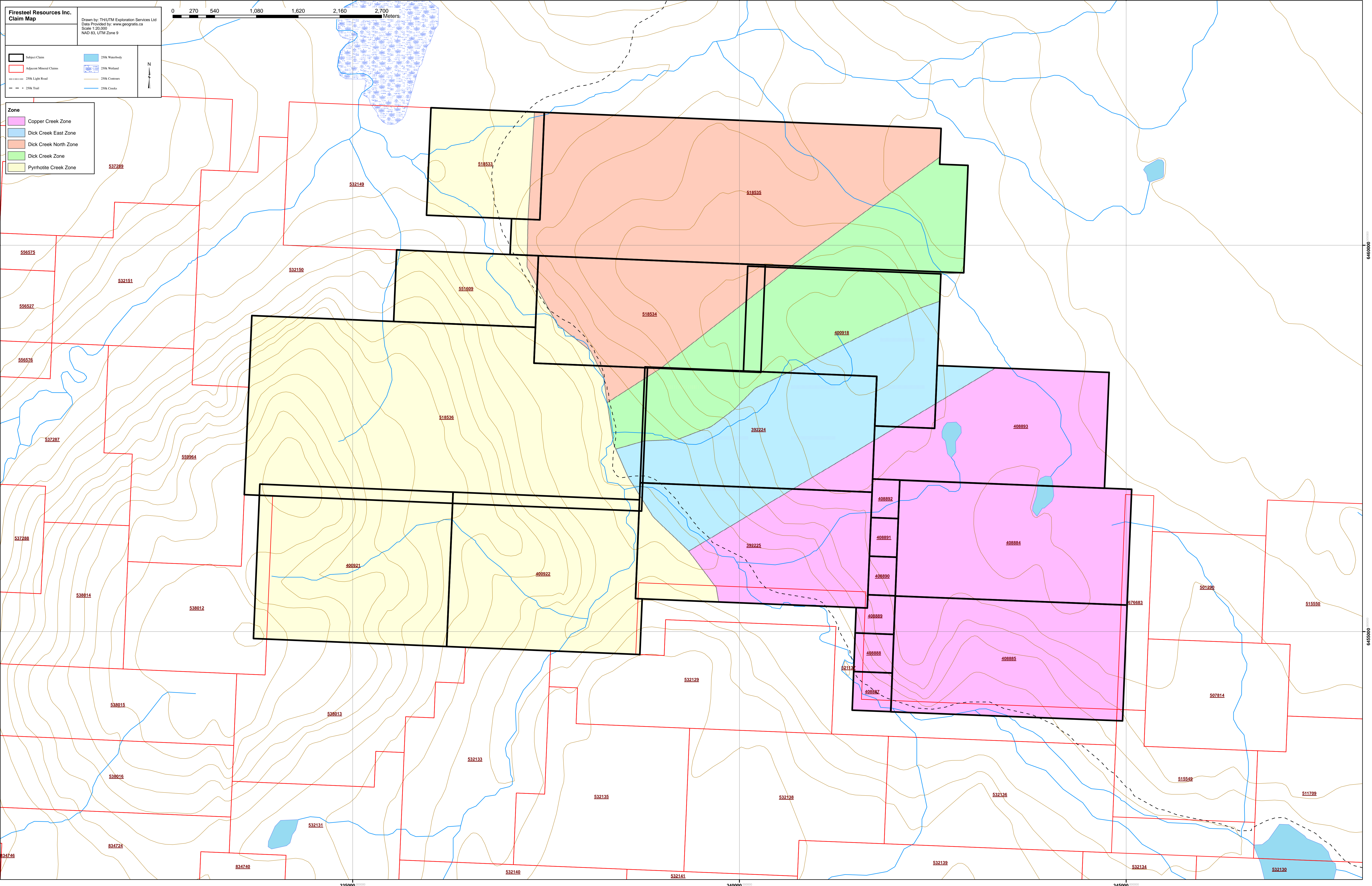
Drawn by: TITMUTM Exploration Services Ltd
 Data Provided by: www.geographic.ca
 Scale: 1:20,000
 NAD 83, UTM Zone 9

	Subject Claim		25k Waterbody
	Adjacent Mineral Claims		25k Wetland
	25k Light Road		25k Contour
	25k Trail		25k Creek



Zone

	Copper Creek Zone
	Dick Creek East Zone
	Dick Creek North Zone
	Dick Creek Zone
	Pyrrhotite Creek Zone

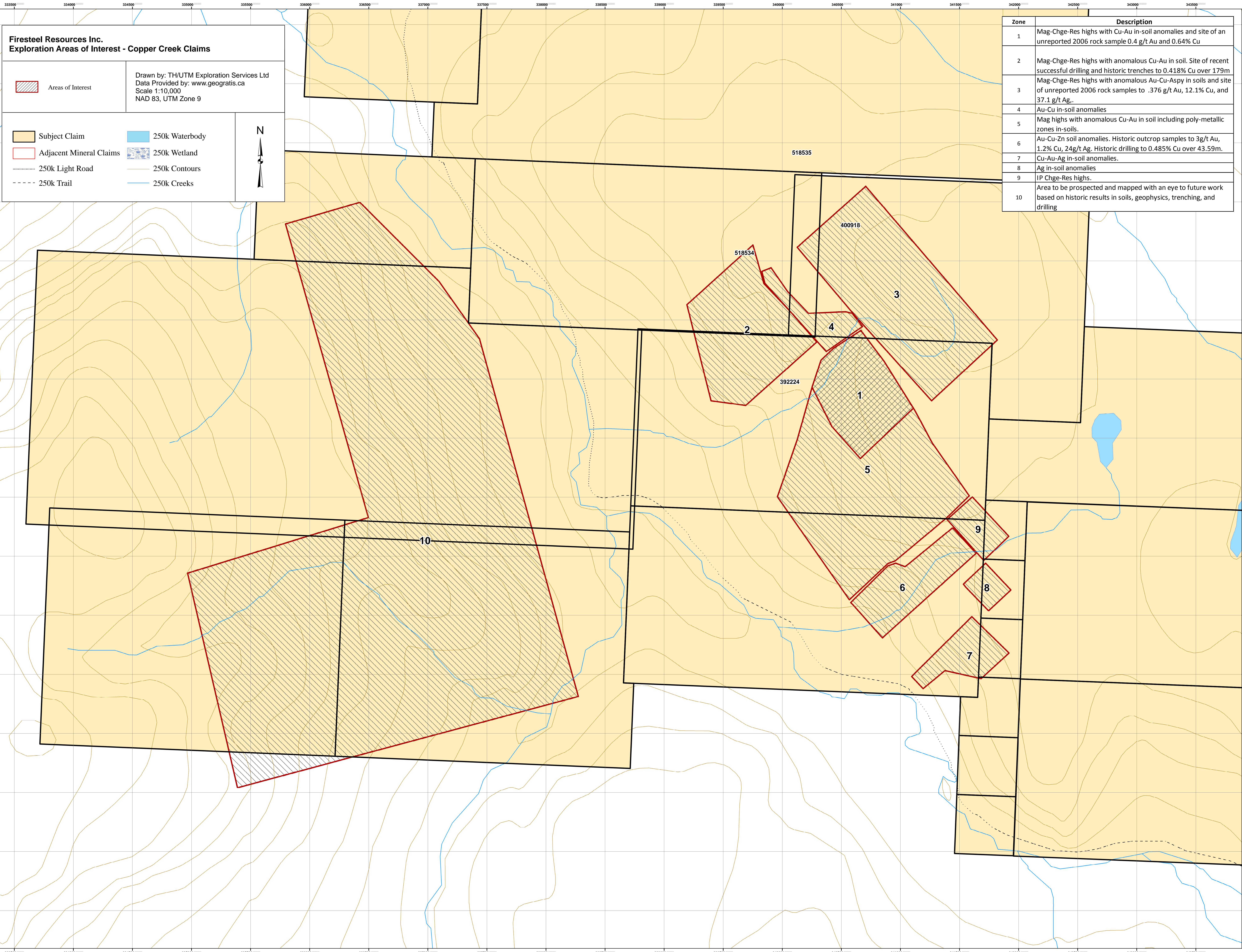


Year	Certificate Number	Sample Name	Sample Type	UTM East	UTM North	Description	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Cu %	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
2006	6S0025RJ	56432	T	339765	6458719		10	<0.2	2.13	17	93	<0.5	<5	1.49	<1	29	52	166	0.01	4.94		<1	0.16	<10	1.34	909	3	0.07	46	950	12	0.03	<5	8	52	<5	0.17	<10	16	136	<10	91	19	
2006	6S0025RJ	56433	T	339765	6458122		16	<0.2	2.4	19	114	<0.5	<5	1.31	<1	30	54	307	0.03	5.11		<1	0.2	<10	1.16	963	3	0.06	39	885	10	0.03	<5	10	50	<5	0.16	<10	152	<10	99	16		
2006	6S0025RJ	56435	T	339764	6458091		24	<0.2	2.43	19	103	<0.5	<5	2.09	<1	28	39	390	0.04	5.09		<1	0.13	<10	1.18	821	6	0.09	32	986	7	0.07	5	9	88	<5	0.18	<10	24	153	<10	84	17	
2006	6S0025RJ	56436	T	339800	6458071		182	<0.2	1.72	<5	47	<0.5	<5	0.92	<1	8	13	771	0.07	3.84		<1	0.06	<10	0.77	244	<2	0.1	4	797	<2	0.03	<5	4	87	<5	0.11	<10	15	122	<10	28	10	
2006	6S0025RJ	56437	T	339798	6458071		160	<0.2	1.8	<5	39	<0.5	<5	0.86	<1	8	21	902	0.09	3.84		<1	0.07	<10	0.71	222	<2	0.13	5	756	<2	0.03	<5	5	67	<5	0.12	<10	17	129	<10	28	9	
2006	6S0025RJ	56438	T	339807	6458072		172	<0.2	1.99	12	86	<0.5	<5	1.46	<1	19	38	884	0.08	4.74		<1	0.09	<10	0.98	567	4	0.09	21	863	8	0.05	<5	8	94	<5	0.14	<10	27	148	<10	70	12	
2006	6S0025RJ	56439	T	339804	6458064		182	<0.2	1.67	8	62	<0.5	<5	0.89	<1	12	35	1170	0.11	4.41		<1	0.07	<10	0.77	357	3	0.09	14	836	3	0.05	<5	6	76	<5	0.12	<10	19	127	<10	55	9	
2006	6S0035RJ	56566	T	339809	6458069		205	<0.2	1.98	6	68	<0.5	<5	1.22	<1	12	47	1474	0.15	4.15		<1	0.08	<10	0.68	253	<2	0.13	11	898	3	0.27	<5	6	113	<5	0.16	<10	<10	137	<10	40	8	
2006	6S0025RJ	56463	T	339888	6458018		15	<0.2	1.77	17	106	<0.5	<5	1.74	<1	25	44	185	0.02	4.3		<1	0.11	<10	1.07	830	4	0.05	33	959	13	0.03	<5	7	46	<5	0.08	<10	<10	116	<10	85	13	
2006	6S0025RJ	56464	T	339844	6458006		5	<0.2	1.74	16	97	<0.5	<5	2.43	<1	25	43	145	0.01	4.26		<1	0.09	<10	1.19	829	4	0.05	36	947	17	0.03	<5	7	59	<5	0.07	<10	19	110	<10	97	13	
2006	6S0061RJ	56156	B	340611	6459085	Chip across 1 m vein, a bd mt, cpy, py, epi, limonite on trace	129	0.6	0.93	7		15	<0.5	<5	1.2	<1	47	99	3151	0.3	9.4		<1	0.1	<10	0.65	161	<2	0.06	48	1293	15	0.65	<5	3	51	6	0.13	<10	69	161	21	13	12
2006	6S0061RJ	56157	O	340754	6458971	Hard rock chip sample - Massive f.g. mt, limonite on trace, epidote alteration	10	<0.2	0.32	22	29	<0.5	14	0.35	<1	17	81	172		>15.00			<1	0.06	<10	0.19	54	<2	0.01	6	831	24	0.23	<5	<1	38	5	0.15	<10	139	198	48	8	25
2006	6S0061RJ	56158	B	340668	6459102	Pick sample, Tuff? cpy, mal, cal, lim, epi, py, py (possible vein material)	12	2.6	1.45	13	38	<0.5	5	2.87	<1	24	65	7733	0.797	4.08			<1	0.01	<10	1.06	756	2	0.01	19	1128	5	0.66	<5	4	90	<5	0.07	<10	23	74	<10	60	7
2006	6S0061RJ	56159	O	340617	6459077	Chip across vein semi-massive vein, cpy, mal, py, lim, epi	378	37.1	1.37	276	<10	<0.5	273	0.81	17	331	26	>10000	12.1	13.84			<1	<0.01	<10	0.97	812	4	<0.01	93	1709	249	>5.00	<5	3	33	5	0.05	<10	64	56	61	2194	13
2006	6S0061RJ	56160	O	340625	6458999	Poss vein - cal, cpy, py, mt, mal, lim, epi	37	32.2	3.39	77	<10	<0.5	80	2.35	39	85	126	>10000	4.18	9.54			<1	<0.07	<10	2.92	2184	4	<0.01	79	1134	61	3.37	8	8	17	<5	0.06	<10	<10	120	<10	>10000	10
2006	6S0061RJ	56161	O	340610	6459026	Rock chip sample - semi-massive vein, mt, lim, epi	377	0.6	0.51	28	<10	<0.5	19	0.6	<1	29	77	1550		>15.00			<1	0.01	<10	0.22	78	<2	0.01	24	559	34	0.37	<5	<1	64	<5	0.11	<10	141	1018	50	53	23
2006	6S0061RJ	56162	O	340598	6459031	Semi-massive vein, mt, cpy, py, lim, epi	123	<0.2	0.15	<5	11	<0.5	12	0.31	<1	98	115	930	>15.00			<1	0.01	<10	0.14	49	<2	0.01	50	469	30	2.52	<5	<1	39	<5	0.21	12	159	1023	58	171	32	
2006	6S0061RJ	56163	O	341301	6459171	Grab-chip Kam, mt, minor py, cpy, lim, ckr? Pyx?	21	<0.2	0.7	<5	10	<0.5	<5	1.03	<1	23	85	246	6.93			<1	0.03	<10	0.94	448	<2	0.04	23	166	4	0.1	<5	6	16	<5	0.16	<10	30	314	13	35	7	
2006	6S0061RJ	56166	O	340708	6459363	Chip sample - Andesite? Py frac fills, ampb, feld, epi, minor mt	6	<0.2	2.34	<5	16	<0.5	<5	1.96	<1	33	62	200	4.75			<1	0.04	<10	1.76	1418	<2	0.06	28	1438	<2	0.3	<5	6	39	6	0.11	<10	<10	137	<10	74	8	
2006	6S0061RJ	56167	B	340697	6459364	Floot, Andesite? mal, cpy, lim, feld, py	32	<0.2	2.52	<5	23	<0.5	<5	2.33	<1	33	72	3788	0.394	4.88		<1	0.02	<10	2.42	2394	2	0.01	41	1270	<2	0.26	<5	8	38	<5	0.11	<10	114	<10	141	7		
2006	6S0061RJ	56168	B	340708	6459363	Floot, Tuff? cpy, py, cal, epi, possible vein material	110	<0.2	0.68	11		11	<0.5	<5	0.49	<1	10	97	183	3.9			<1	0.05	<10	0.31	398	<2	0.01	10	707	4	0.28	<5	3	48	<5	0.1	<10	19	67	<10	38	7
2006	6S0025RJ	56432	T	339765	6458719		10	<0.2	2.13	17	93	<0.5	<5	1.49	<1	29	52	166	0.01	4.94		<1	0.16	<10	1.34	909	3	0.07	46	950	12	0.03	<5	8	52	<5	0.17	<10	16	136	<10	91	19	
2006	6S0025RJ	56433	T	339765	6458122		16	<0.2	2.4	19	114	<0.5	<5	1.31	<1	30	54	307	0.03	5.11		<1	0.2	<10	1.16	963	3	0.06	39	885	10	0.03	<5	10	50	<5	0.16	<10	<10	152	<10	99	16	
2006	6S0025RJ	56435	T	339764	6458091		24	<0.2	2.43	19	103	<0.5	<5	2.09	<1	28	39	390	0.04	5.09		<1	0.13	<10	1.18	821	6	0.09	32	986	7	0.07	5	9	88	<5	0.18	<10	24	153	<10	84	17	
2006	6S0025RJ	56436	T	339800	6458071		182	<0.2	1.72	<5	47	<0.5	<5	0.92	<1	8	13	771	0.07	3.84		<1	0.06	<10	0.77	244	<2	0.1	4	797	<2	0.03	<5	4	87	<5	0.11	<10	15	122	<10	28	10	
2006	6S0025RJ	56437	T	339798	6458071		160	<0.2	1.8	<5	39	<0.5	<5	0.86	<1	8	21	902	0.09	3.84		<1	0.07	<10	0.71	222	<2	0.13	5	756	<2	0.03	<5	5	67	<5	0.12	<10	17	129	<10	28	9	
2006	6S0025RJ	56438	T	339807	6458072		172	<0.2	1.99	12	86	<0.5	<5	1.46	<1	19	38	884	0.08	4.74		<1	0.09	<10	0.98	567	4	0.09	21	863	8	0.05	<5	8	94	<5	0.14	<10	27	148	<10	70	12	
2006	6S0025RJ	56439	T	339804	6458064		182	<0.2	1.67	8	62	<0.5	<5	0.89	<1	12	35	1170	0.11	4.41		<1	0.07	<10	0.77	357	3	0.09	14	836	3	0.05	<5	6	76	<5	0.12	<10	19	127	<10	55	9	
2006	6S0035RJ	56566	T	339809	6458069		205	<0.2	1.98	6	68	<0.5	<5	1.22	<1	12	47	1474	0.15	4.15		<1	0.08	<10	0.68	253	<2	0.13	11	898	3	0.27	<5											

Year	Certificate Number	Sample Name	Sample Type	UTM East	UTM North	Description	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Ti	U	V	W	Zn	Zr
							ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
2010	848851	O	341533	645855	645855	Hornblende-rich oic. coarse grained	<2	0.4	4.25	5	<20	169		<3	3.22	0.9	11	19	28		3.43	7	0.13	4	0.76	400	<1	0.55	7	0.217	<3	<35	<3	7	290	<2	0.11		220	<2	31			
2010	848852	O	341482	645855	645855	Basalt-rich w/minor hornblende and olivine (?) lg to mg	<2	0.5	1.53	4	<20	147		<3	1.89	<5	13	18	38		3.75	<5		0.07	3	0.87	548	<1	0.18	9	0.168	<3	0.11	<3	6	80	<2	0.117		197	<2	31		
2010	848860	O	339754	645883	645883	hornblende/olivine in lg matrix groundmass w/feldspar porphyry 2-4mm class	<2	0.7	2.22	9	<20	21		<3	1.95	0.6	17	9	121		3.01	6		0.09	3	0.88	601	<1	0.07	12	0.087	<3	0.16	<3	<5	23	<2	0.201		92	<2	58		
2010	848861	O	339691	645886	645886	Hg. green outcrop, volcanic?; feldspar lathes 1mm set in olivine qtz groundmass	<2	0.6	3.01	20	<20	29		<3	1.49	<5	23	29	105		3.8	6		0.08	2	1.61	801	<1	0.17	21	0.083	<3	0.16	<3	6	48	<2	0.161		114	<2	81		

Year	Certificate Number	Sample Name	Sample Type	UTM East	UTM North	Description	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Cu %	Fe %	G ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
2006	6S0061RJ	56151		341042	6458327	Grab-chip Dunitite - fracture fillings, pyrite, chalcocite, minor malachite, limonite	405	0.8	1.27	<5		146	<0.5	9	1.07	<1	23	34	6444	0.633	4.31		<1	0.07	<10	0.42	365	<2	0.1	6	1236	5	0.79	<5	2	135	<5	0.06	<10	28	132	<10	89	6
2006	6S0061RJ	56152		340956	6458206	Grab - chip Tuff? Silica-rich chert? Abd py, frac fills, limonite	13	<0.2	1.7	11		59	<0.5	<5	0.95	<1	57	24	346		6.99		<1	0.09	<10	0.63	271	4	0.07	17	1108	6	2.58	<5	9	18	<5	0.16	<10	34	144	11	32	9
2006	6S0061RJ	56153		3401030	6458330	Grab-chip Andesite? Abd py, frac fills, qtz stringers, chalcocite, limonite	26	<0.2	2.53	<5		351	<0.5	<5	1.4	<1	26	37	380		6.17		<1	0.56	<10	1.1	360	2	0.28	7	1384	<2	0.37	<5	4	78	<5	0.25	<10	36	203	12	39	7
2006	6S0061RJ	56156	O	340611	6459085	Chip across 1 m vein, a bd mt, cpy, py, epi, limonite on frac	129	0.6	0.93	7		15	<0.5	<5	1.2	<1	47	99	3151	0.3	9.4		<1	0.1	<10	0.65	161	<2	0.06	48	1293	15	0.65	<5	3	51	6	0.13	<10	69	161	21	13	12
2006	6S0061RJ	56157	O	340754	6458971	Hard rock chip sample - Massive lg. mt, limonite on frac, epidote alteration	10	<0.2	0.32	22		29	<0.5	14	0.35	<1	17	81	172		>15.00		<1	0.06	<10	0.19	54	<2	0.01	6	831	24	0.23	<5	<1	38	5	0.15	<10	139	198	48	8	25
2006	6S0061RJ	56161		340610	6459026	Rock chip sample - semi-massive vein, mt, lim, epi	377	0.6	0.51	28		<10	<0.5	19	0.6	<1	29	77	1550		>15.00		<1	0.01	<10	0.22	78	<2	0.01	24	559	34	0.37	<5	<1	54	<5	0.11	<10	141	1018	50	53	23
2006	6S0061RJ	56162		340598	6459031	Semi-massive vein, mt, cpy, py, lim, epi	123	<0.2	0.15	<5		11	<0.5	12	0.31	<1	98	115	930		>15.00		<1	0.01	<10	0.14	49	<2	0.01	50	469	30	2.52	<5	<1	39	<5	0.21	12	159	1023	58	171	32
2006	6S0061RJ	56163		341301	6459171	Grab-chip Kam, mt, minor py, cpy, lim, ch? Pyx?	21	<0.2	0.7	<5		10	<0.5	<5	1.03	<1	23	85	246		6.93		<1	0.03	<10	0.94	448	<2	0.04	23	166	4	0.1	<5	6	16	<5	0.16	<10	30	314	13	35	7
2006	6S0061RJ	56166		340708	6459363	Chip sample - Andesite? Py frac fills, amphib, feld, epi, minor mt	6	<0.2	2.34	<5		16	<0.5	<5	1.96	<1	33	62	200		4.75		<1	0.04	<10	1.76	1418	<2	0.06	28	1438	<2	0.3	<5	6	39	6	0.11	<10	<10	137	<10	74	8
2006	6S0061RJ	56167	B	340697	6459364	Float, Andesite?, mat, cpy, lim, feld, py	32	<0.2	2.52	<5		23	<0.5	<5	2.33	<1	33	72	3788	0.394	4.88		<1	0.02	<10	2.42	2394	2	0.01	41	1270	<2	0.26	<5	8	38	<5	0.11	<10	<10	114	<10	141	7
2006	6S0061RJ	56168	B	340708	6459363	Float, Tuff?, cpy, py, cal, epi, possible vein material	110	<0.2	0.68	11		11	<0.5	<5	0.49	<1	10	97	183		3.9		<1	0.05	<10	0.31	398	<2	0.01	10	707	4	0.28	<5	3	48	<5	0.1	<10	19	67	<10	38	7
				341364	6457311	Wg, volcanic green w/ 2% lg diss sulphides (py?) but silvery in colour - rock is strongly Fe-stained, subcrop near CC	<2	0.8	2.45	4	<20	52		<3	2.43	0.7	39	8	444		4.82	8		0.24	8	0.52	590	<1	0.28	8	0.138	17	0.98	<3	11	62	<2	0.193		152	<2	38		
2010	848866	S		341364	6457311	Same as 848866 but more Fe-staining	<2	0.6	0.87	4	<20	24		<3	1.24	<5	14	10	231		3	<5		0.05	5	0.24	252	<1	0.07	12	0.156	<3	0.96	<3	<5	46	<2	0.157		180	<2	11		

Year	Certificate Number	Sample Name	Sample Type	UTM East	UTM North	Description	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Cu %	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm	
2006	650061RJ	56169		341125	6456225	Breccia vein?, Mal, lim, Grey dtz, galena?	884	0.8	1.2	64		15	<0.5	<5	1.39	1	25	27	6790	0.674	4.87		<1	0.05	<10	0.48	403	3	0.06	18	1673	9	0.97	<5	4	12	<5	0.1	<10	30	66	16	43	11	
2006	650061RJ	56170	O	341374	6456065	Chip sample - Tuff? Py, ch, limonite on fracs, gossan	5	<0.2	1.98	<5		46	<0.5	<5	2.66	<1	13	38	369		5.39		<1	0.15	<10	0.29	542	2	0.01	4	717	<2	0.35	<5	6	18	<5	0.09	<10	33	87	<10	23	10	
2006	650061RJ	56171	O	341547	6455934	Chip sample, Tuff?, py, ch, lim on fracs, gossan	13	<0.2	1.98	<5		<10	<0.5	<5	1.91	<1	35	14	533		5.68		<1	0.03	<10	0.58	292	3	0.05	13	1610	3	1.91	<5	7	8	5	0.25	<10	38	132	<10	13	22	
2006	650061RJ	56172	O	341593	6455875	Over 1 meter chip, Tuff? Decomposing material, abd limonite, clay alteration	4	<0.2	1.73	5		15	<0.5	<5	0.76	<1	16	26	130		9.04		<1	0.05	<10	0.94	305	18	0.04	5	1742	11	0.68	7	11	11	<5	0.49	<10	52	365	17	10	47	
2006	650061RJ	56173	O	341565	6455790	Chip sample, Tuff? Ssd py, limonite, chlorite	3	1.6	1.42	6		20	<0.5	<5	1.01	<1	26	17	206		6		<1	0.07	<10	0.65	366	14	0.05	7	1679	55	1.39	8	8	15	<5	0.43	<10	47	231	11	111	39	
							Au ppm																																						
2010	848853			341830	6455211	Hg, bluish grey volcanic w/diss Pyrite and diss arsenopyrite (?)	<2	1.2	4.26	5	<20	22		3	4.14	1	28	25	132		5.76	8		0.04	3	1.76	789	<1	0.28	23	0.072	4	1.93	<3	6	75	<2	0.317			173	<2	71		
2010	848854			342047	6454734	Hg, intrusive, orange oxide crust (2mm) w/grayish-green ground mass, trace pyrite	<2	0.5	2.72	4	<20	26		<3	1.53	0.6	12	2	77		4.21	9		0.1	4	1.28	577	<1	0.16	3	0.125	<3	<0.05	<3	<5	59	<2	0.153			131	<2	44		
2010	848855	S		340802	6456128	Heterolithic breccia - looks like froth at top of outcrop; mineralized qb?	<2	0.5	1.98	22	26	18		<3	9.52	1.2	19	10	208		3.99	7		0.04	8	0.59	2185	2	0.03	14	0.165	3	0.56	<3	9	43	<2	0.107			90	<2	87		
2010	848859			343020	6457847	Hg, hornblende-rich w/Qtz, musc and 0.5% pyrite diss	<2	0.4	0.72	3	<20	11		3	0.88	<5	12	3	271		2.63	<5		0.06	4	0.3	100	<1	0.1	6	0.154	<3	0.27	<3	<5	41	<2	0.063			51	<2	6		



**Firesteel Resources Inc.
Exploration Areas of Interest - Copper Creek Claims**

Areas of Interest

Subject Claim

Adjacent Mineral Claims

250k Light Road

250k Trail

250k Waterbody

250k Wetland

250k Contours

250k Creeks

Drawn by: TH/UTM Exploration Services Ltd
 Data Provided by: www.geogratis.ca
 Scale 1:10,000
 NAD 83, UTM Zone 9

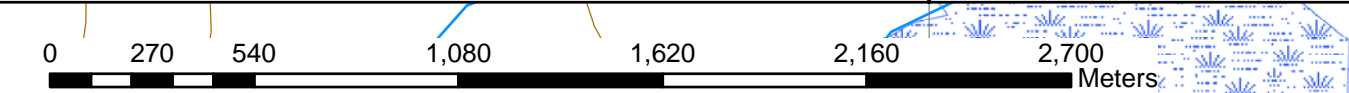
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Zone	Description
1	Mag-Chge-Res highs with Cu-Au in-soil anomalies and site of an unreported 2006 rock sample 0.4 g/t Au and 0.64% Cu
2	Mag-Chge-Res highs with anomalous Cu-Au in soil. Site of recent successful drilling and historic trenches to 0.418% Cu over 179m
3	Mag-Chge-Res highs with anomalous Au-Cu-Aspy in soils and site of unreported 2006 rock samples to .376 g/t Au, 12.1% Cu, and 37.1 g/t Ag..
4	Au-Cu in-soil anomalies
5	Mag highs with anomalous Cu-Au in soil including poly-metallic zones in-soils.
6	Au-Cu-Zn soil anomalies. Historic outcrop samples to 3g/t Au, 1.2% Cu, 24g/t Ag. Historic drilling to 0.485% Cu over 43.59m.
7	Cu-Au-Ag in-soil anomalies.
8	Ag in-soil anomalies
9	IP Chge-Res highs.
10	Area to be prospected and mapped with an eye to future work based on historic results in soils, geophysics, trenching, and drilling

Firesteel Resources Inc.
Claim Map

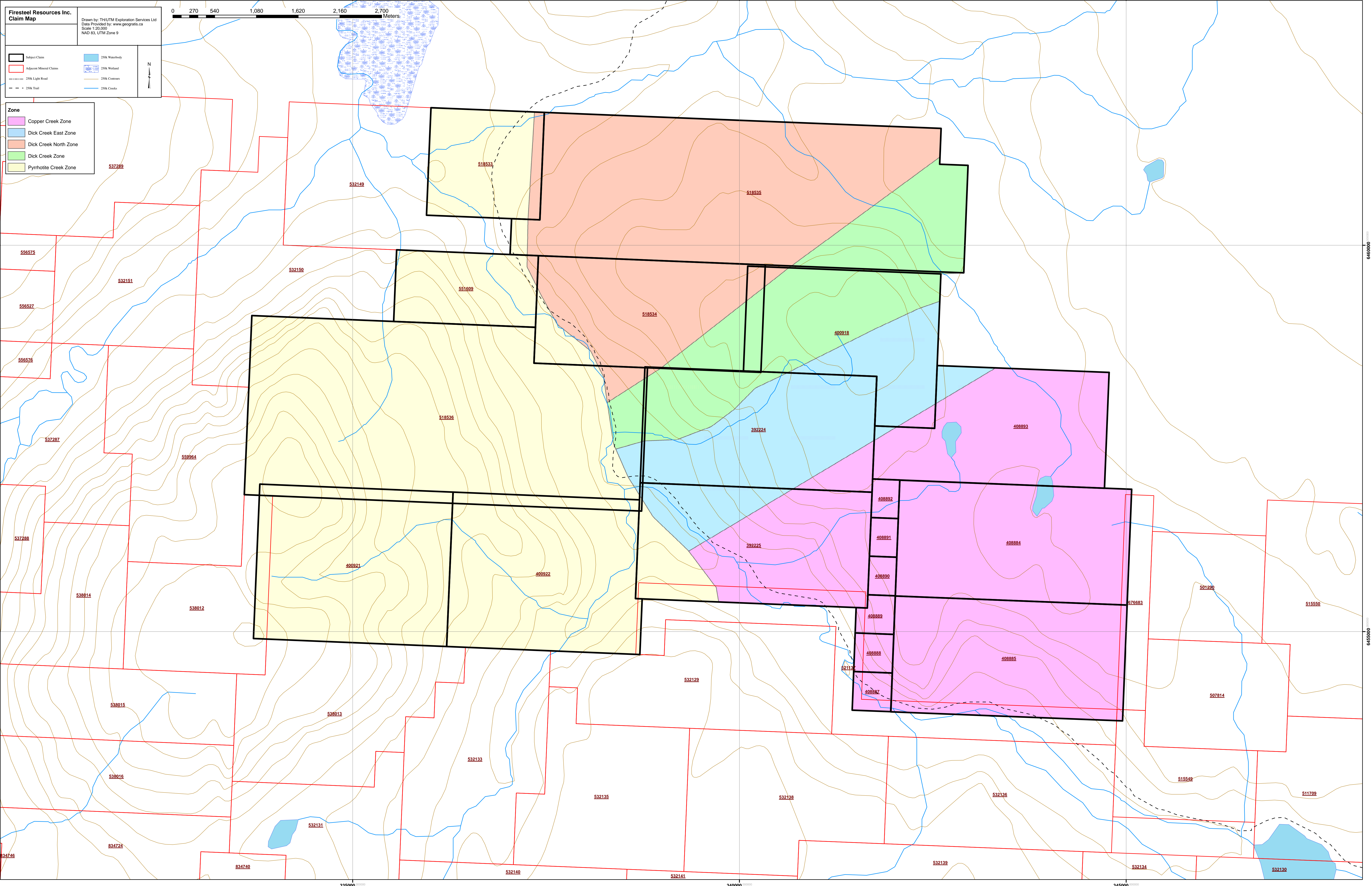
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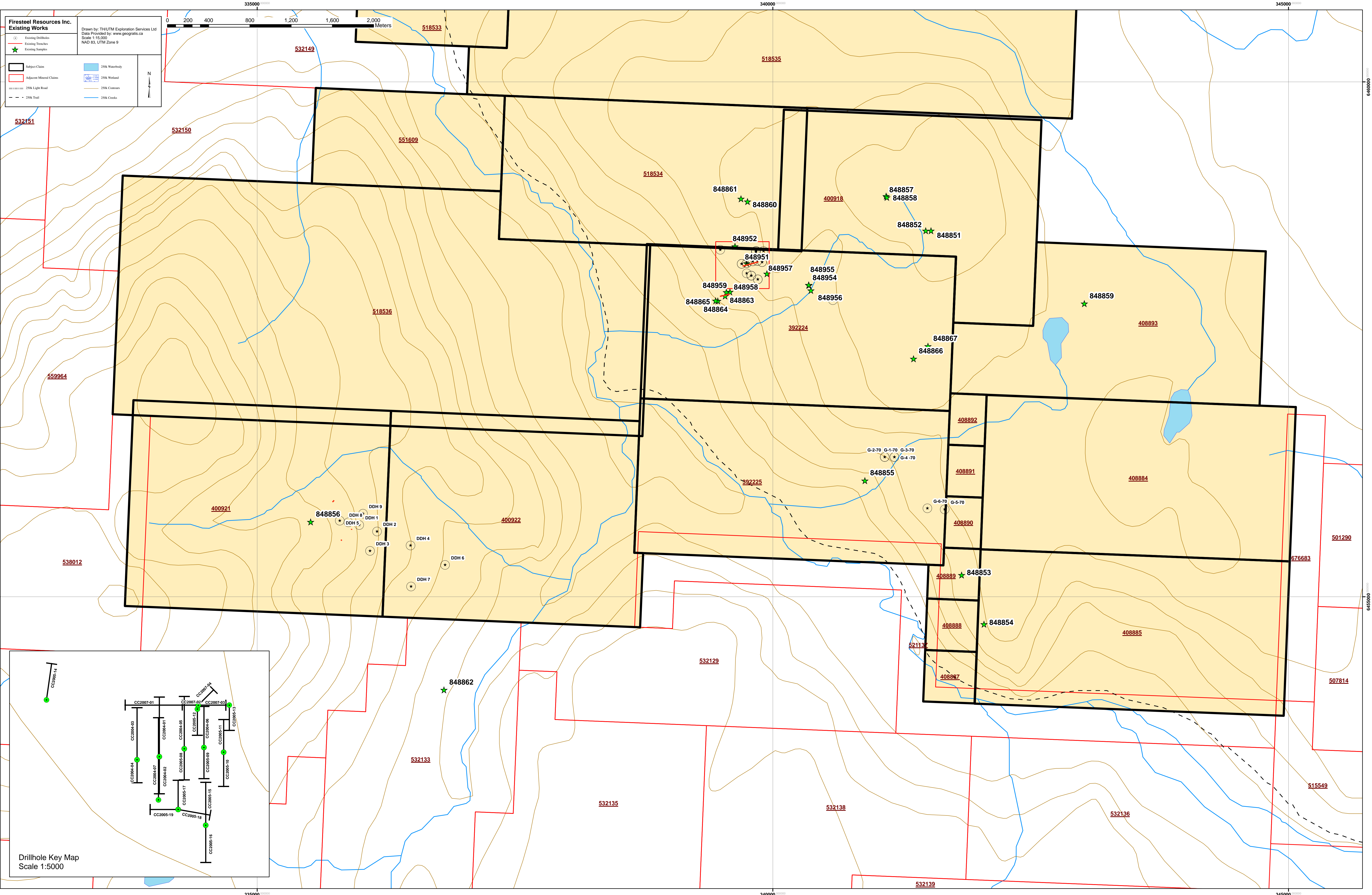
	Subject Claim		25k Waterbody
	Adjacent Mineral Claims		25k Wetland
	25k Light Road		25k Contour
	25k Trail		25k Creeks



Zone

	Copper Creek Zone
	Dick Creek East Zone
	Dick Creek North Zone
	Dick Creek Zone
	Pyrrhotite Creek Zone

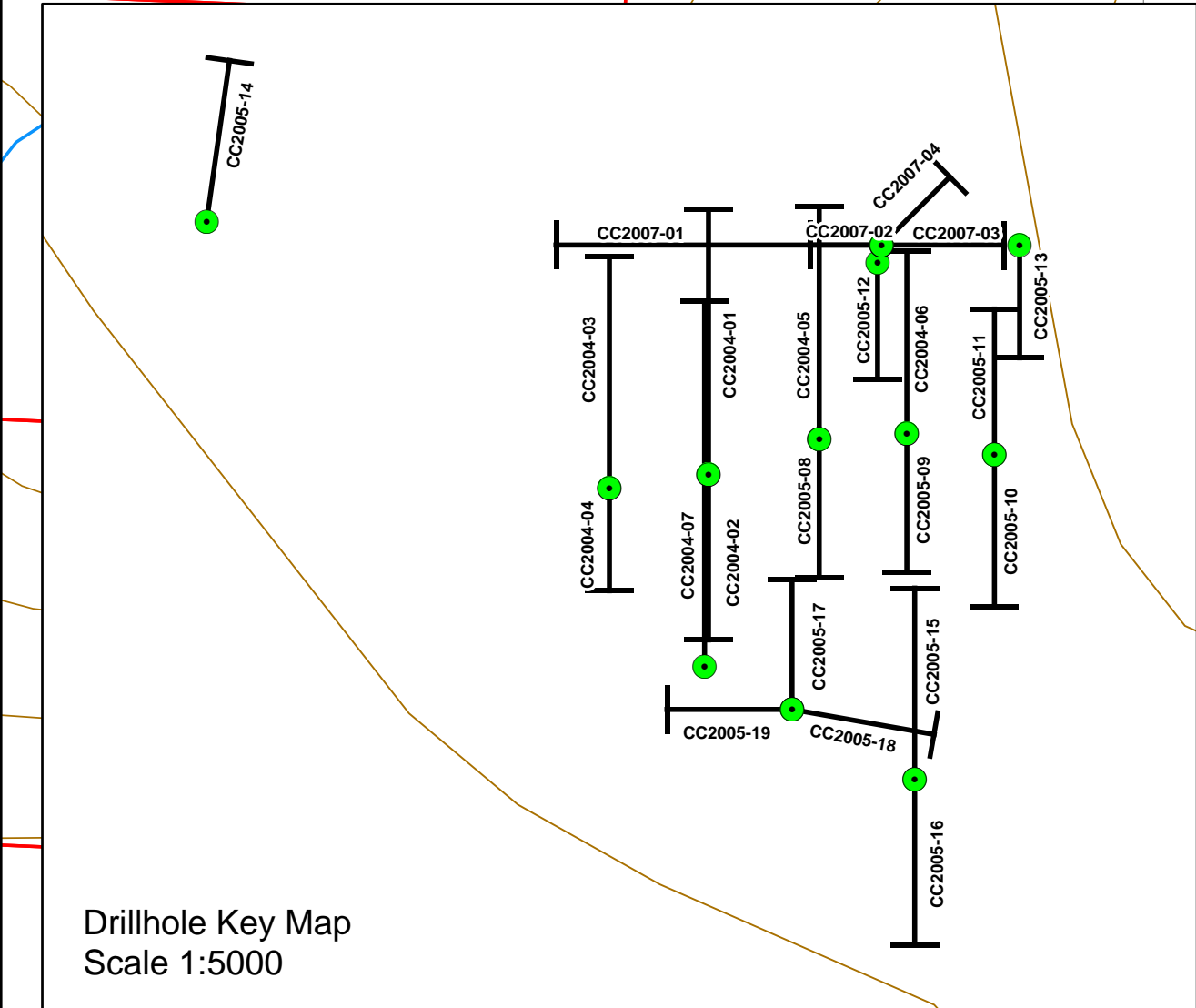


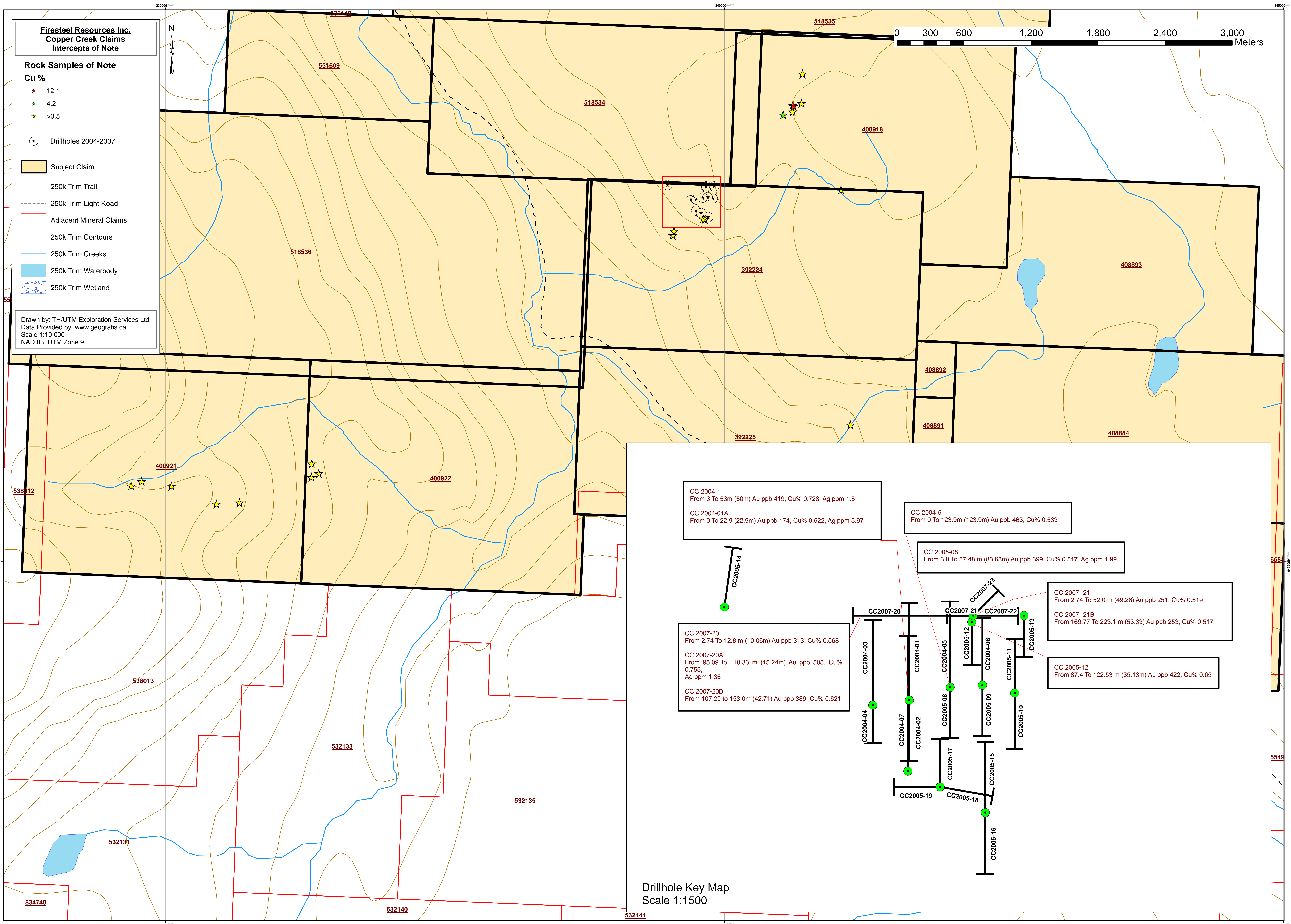


Firesteel Resources Inc.
Existing Works

- Existing Drillholes
- Existing Trenches
- Existing Samples
- Subject Claim
- Adjacent Mineral Claims
- 25k Waterbody
- 25k Wetland
- 25k Contour
- 25k Light Road
- 25k Trail

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 Scale: 1:15,000
 NAD 83, UTM Zone 9



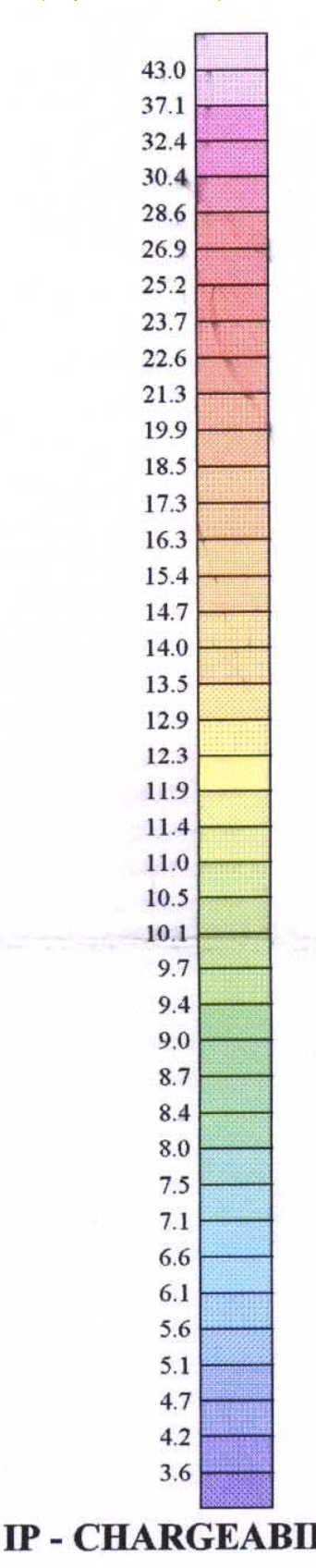
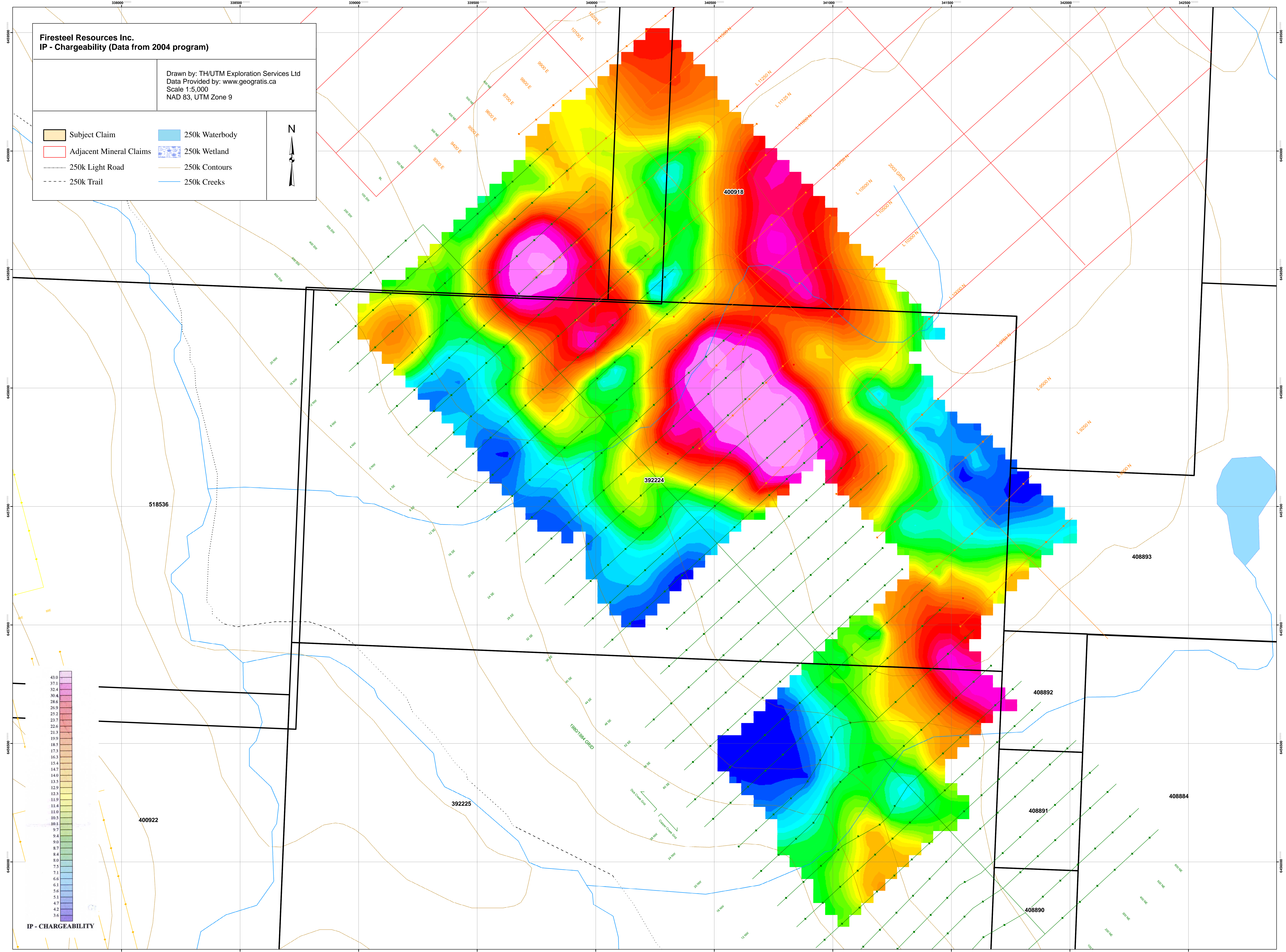


**Firesteel Resources Inc.
IP - Chargeability (Data from 2004 program)**

Drawn by: TH/UTM Exploration Services Ltd
Data Provided by: www.geogratis.ca
Scale 1:5,000
NAD 83, UTM Zone 9

	Subject Claim		250k Waterbody
	Adjacent Mineral Claims		250k Wetland
	250k Light Road		250k Contours
	250k Trail		250k Creeks

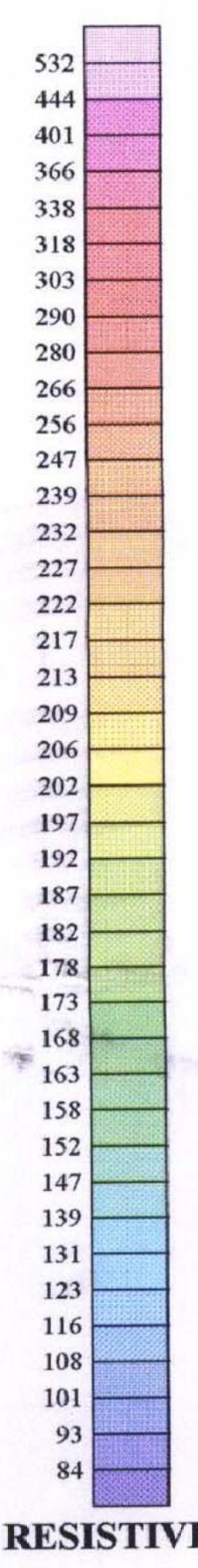
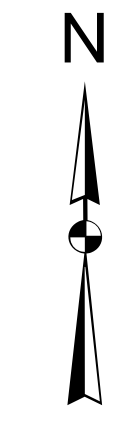
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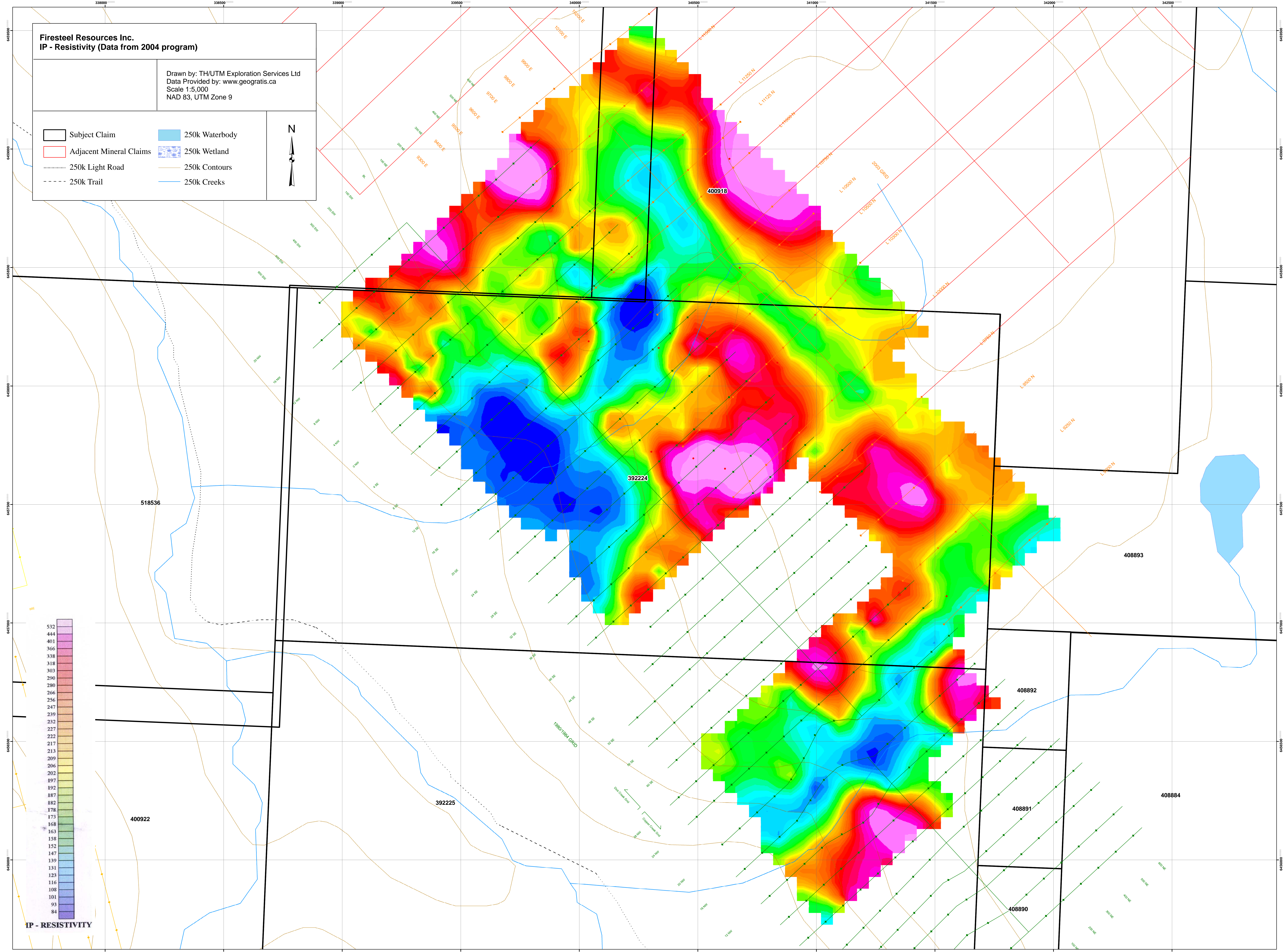
**Firesteel Resources Inc.
IP - Resistivity (Data from 2004 program)**

Drawn by: TH/UTM Exploration Services Ltd
Data Provided by: www.geogratix.ca
Scale 1:5,000
NAD 83, UTM Zone 9

- Subject Claim
- Adjacent Mineral Claims
- 250k Light Road
- 250k Trail
- 250k Waterbody
- 250k Wetland
- 250k Contours
- 250k Creeks



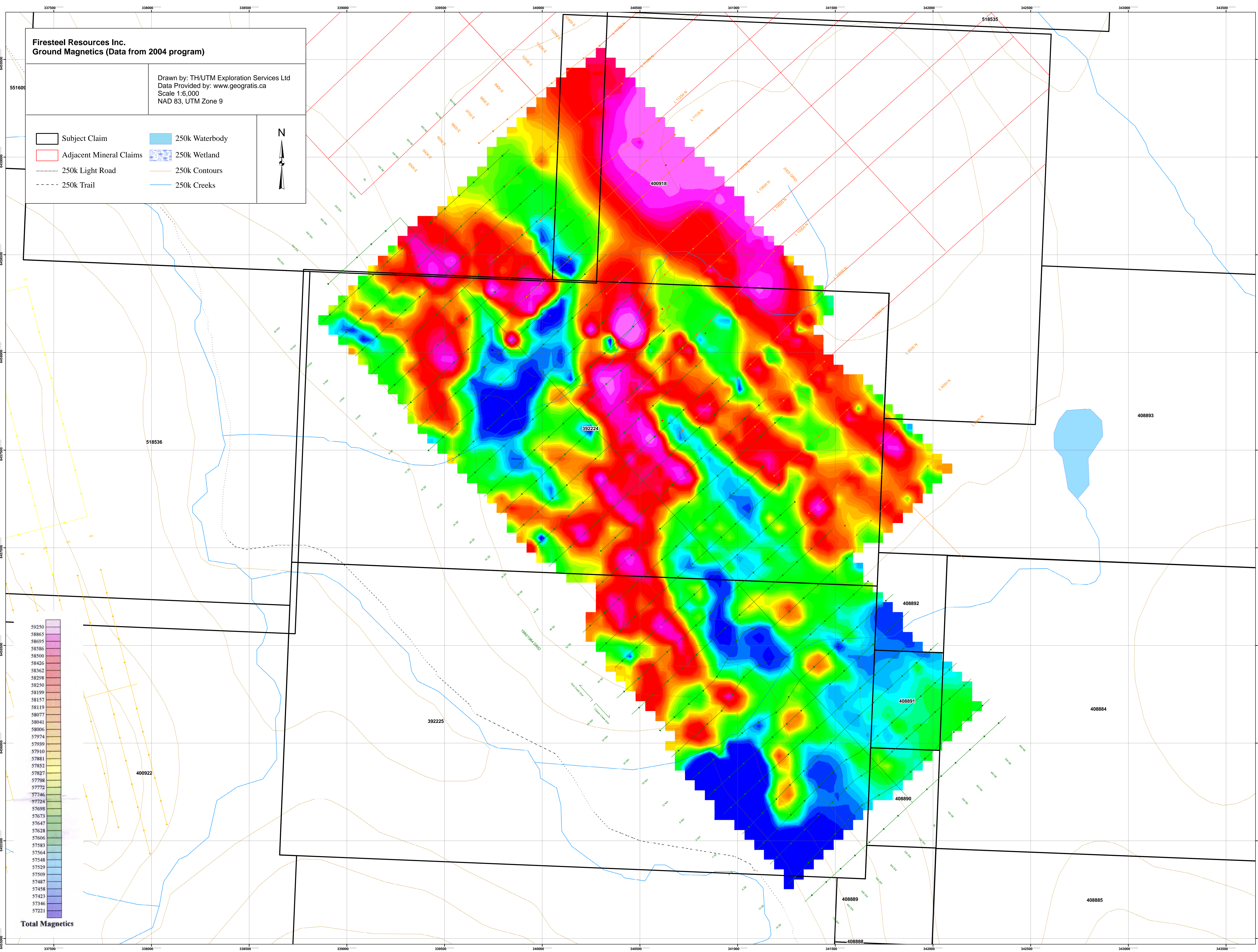
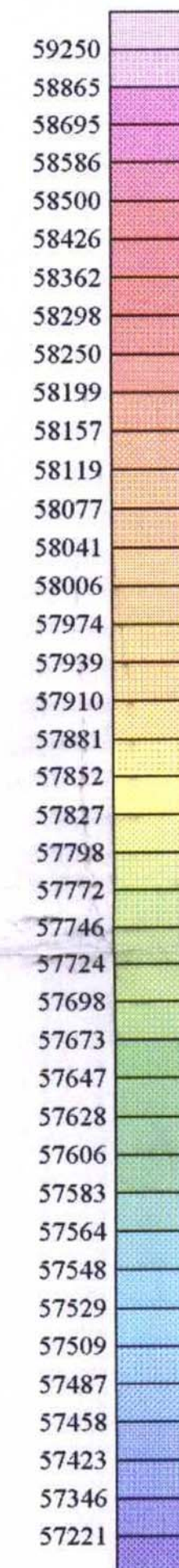
IP - RESISTIVITY



**Firesteel Resources Inc.
Ground Magnetis (Data from 2004 program)**

Drawn by: TH/UTM Exploration Services Ltd
Data Provided by: www.geogratia.ca
Scale 1:6,000
NAD 83, UTM Zone 9

- Subject Claim
- Adjacent Mineral Claims
- 250k Light Road
- 250k Trail
- 250k Waterbody
- 250k Wetland
- 250k Contours
- 250k Creeks



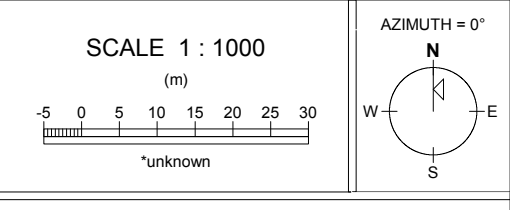


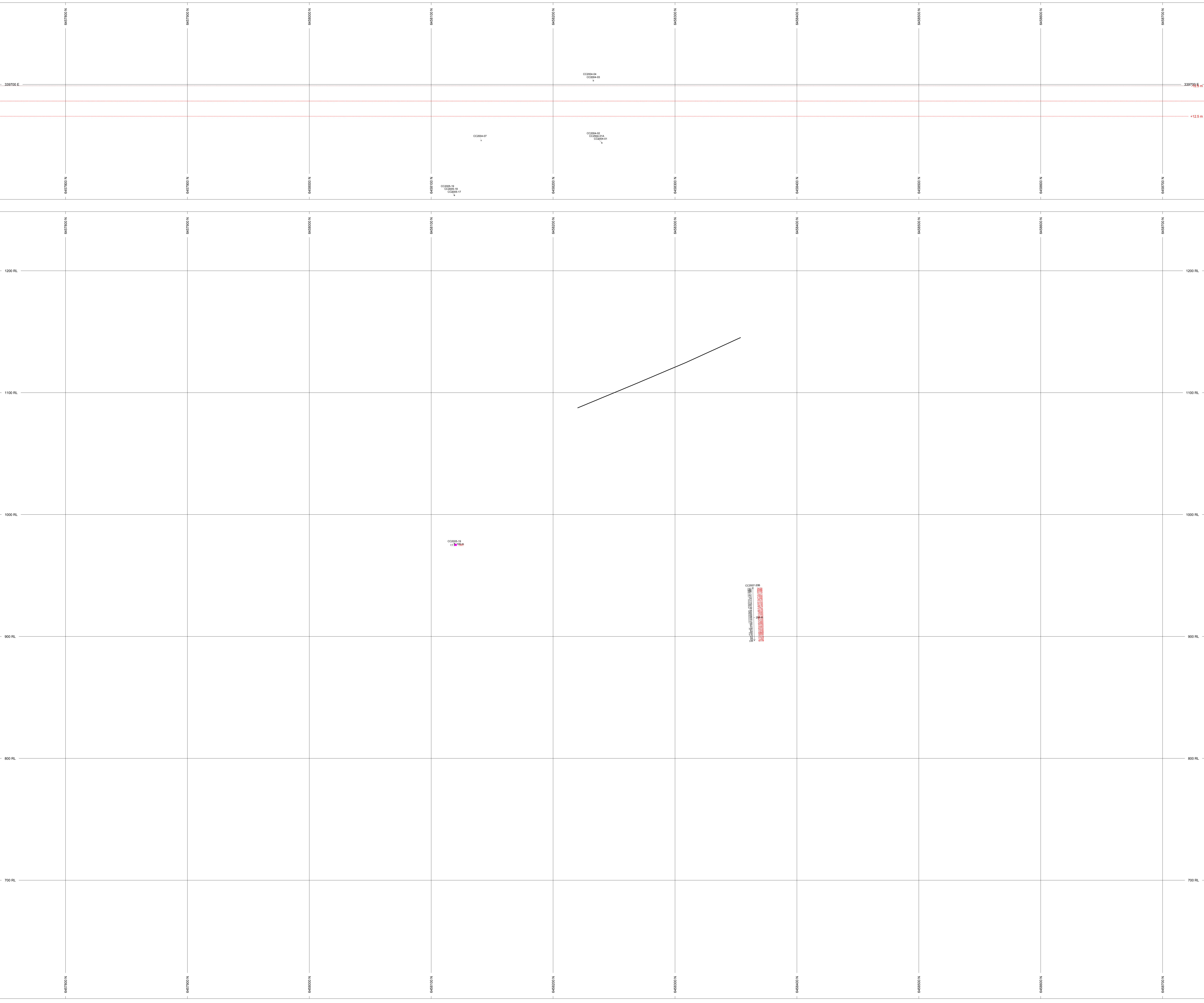
Rock Color	Rock Type	Unit	Level	Description
Green	And	Andesite		
Purple	Int			

Values	LR	CR	OR	SR	BR	DR	DR	DR
And								
And								
And								
And								
And								
And								

SECTION SPECS

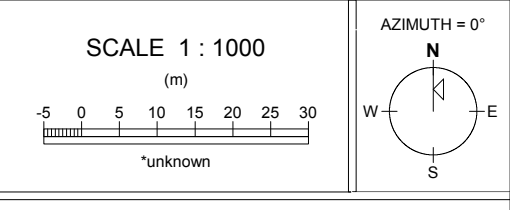
REF PT. E. N.	339700	645700
SECTION TOP	1240 m	852.3 m
SECTION TOP BOT	1240 m	852.3 m
TOLERANCE	±0.1	

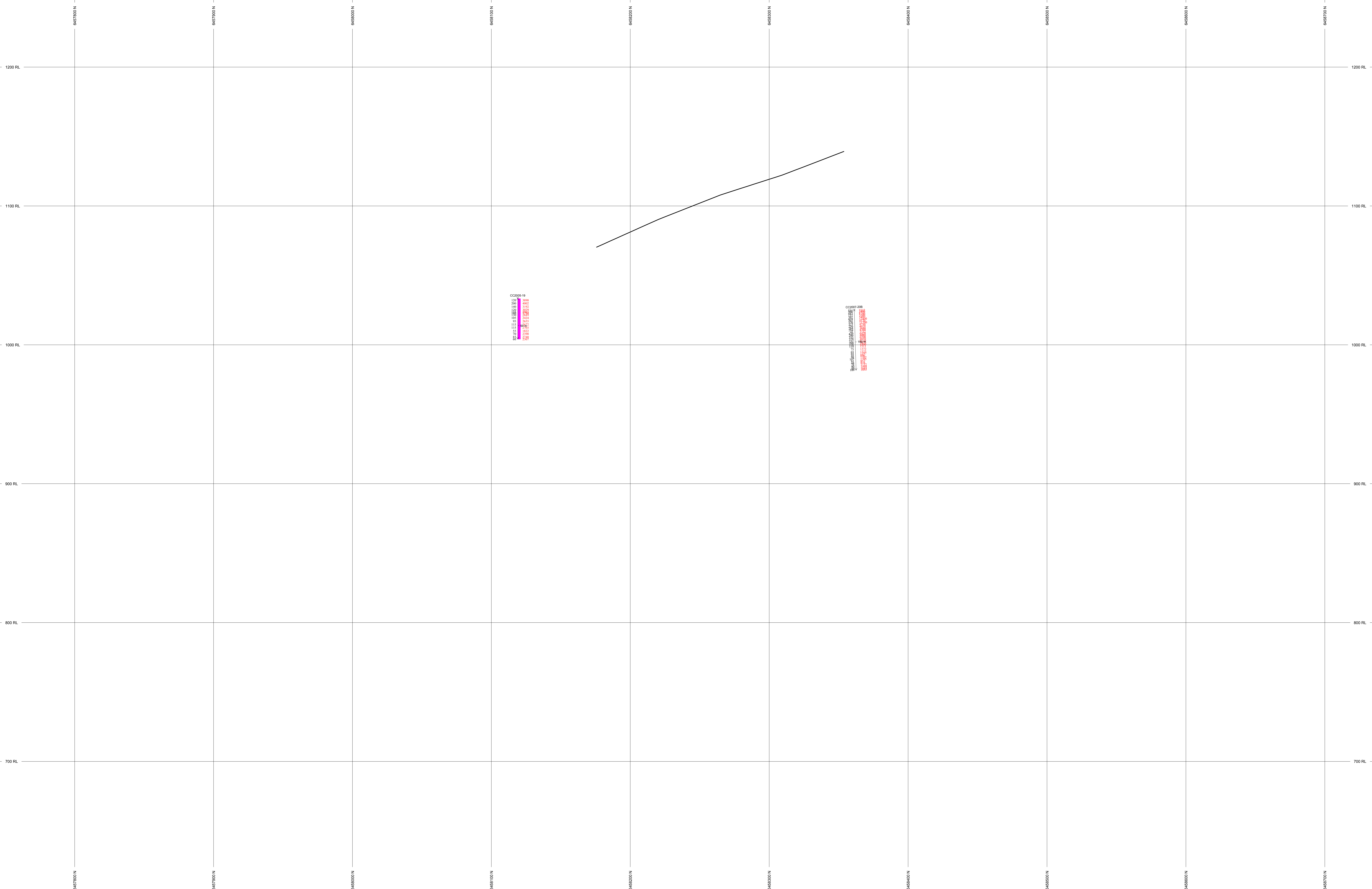
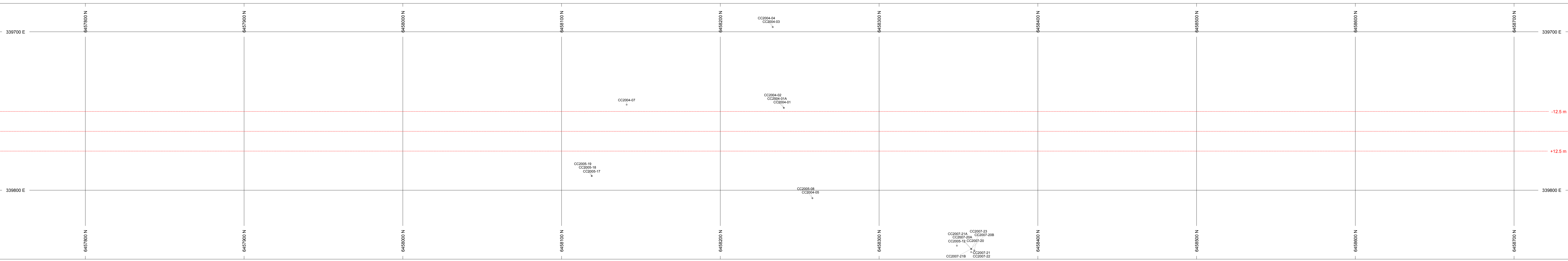




ROCK CODES	INT	LABEL	DESCRIPTION
Rock_Type	CR	CR	Chert/Barren
AND	AN	AN	ANDESITE
VALUES	INT	INT	0-2 Meters
VALUES	L	SCALE	1000
VALUES	R	SCALE	500
VALUES	R	SCALE	250
VALUES	R	SCALE	100
VALUES	R	SCALE	50

SECTION SPECS	
REF PT. E. N.	33714 m 84524 m
EXTENTS	88 m 667.7 m
SECTION TOP BOT	1240 m 852.8 m
TOLERANCE	±

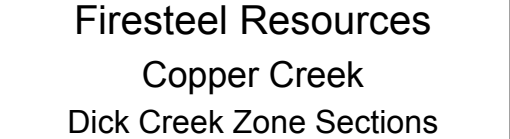




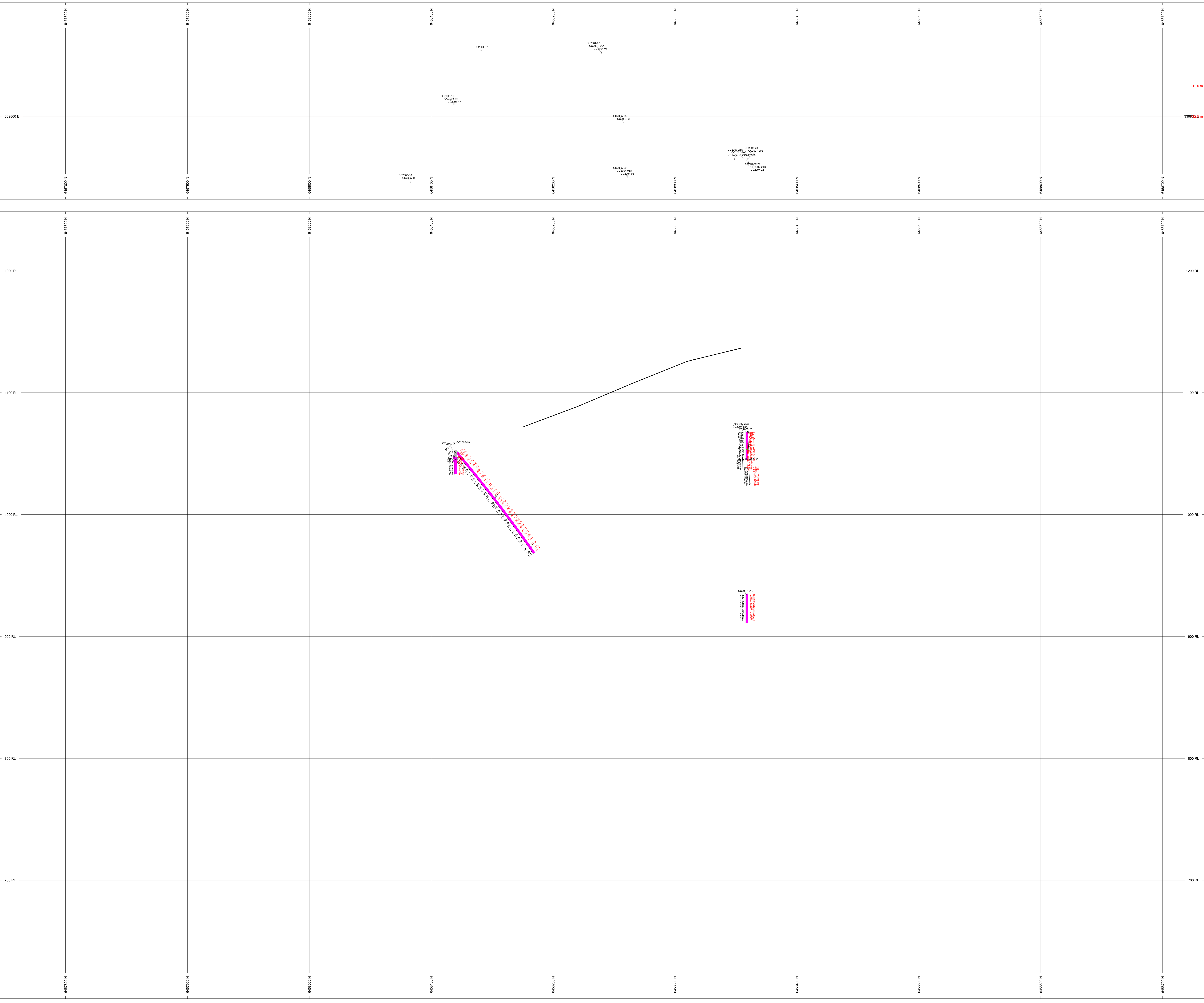
Rock Codes	Ref	Label	Description
Rock Type	00	00	Over Burden
	01	01	Shale
	02	02	Sandstone
	03	03	Gravel
	04	04	Claystone
	05	05	Siltstone
	06	06	Limestone
	07	07	Dolomite
	08	08	Gneiss
	09	09	Schist
	10	10	Quartzite
	11	11	Amphibolite
	12	12	Basalt
	13	13	Andesite
	14	14	Diorite
	15	15	Gabbro
	16	16	Granite
	17	17	Diabase
	18	18	Basaltic Andesite
	19	19	Andesitic Basalt
	20	20	Basaltic Andesite
	21	21	Andesitic Basalt
	22	22	Basaltic Andesite
	23	23	Andesitic Basalt
	24	24	Basaltic Andesite
	25	25	Andesitic Basalt
	26	26	Basaltic Andesite
	27	27	Andesitic Basalt
	28	28	Basaltic Andesite
	29	29	Andesitic Basalt
	30	30	Basaltic Andesite
	31	31	Andesitic Basalt
	32	32	Basaltic Andesite
	33	33	Andesitic Basalt
	34	34	Basaltic Andesite
	35	35	Andesitic Basalt
	36	36	Basaltic Andesite
	37	37	Andesitic Basalt
	38	38	Basaltic Andesite
	39	39	Andesitic Basalt
	40	40	Basaltic Andesite
	41	41	Andesitic Basalt
	42	42	Basaltic Andesite
	43	43	Andesitic Basalt
	44	44	Basaltic Andesite
	45	45	Andesitic Basalt
	46	46	Basaltic Andesite
	47	47	Andesitic Basalt
	48	48	Basaltic Andesite
	49	49	Andesitic Basalt
	50	50	Basaltic Andesite

Values	LR	CR	BR	DR	FR	GR	OR	PR	QR	RR	SR	TR	UR	VR	WR	XR	YR	ZR
LR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
CR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
BR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
DR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
FR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
GR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
OR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
PR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
QR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
RR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
SR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
TR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
UR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
VR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
WR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
XR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
YR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
ZR	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Section Specs	REF PT. E. N.	33970	6457840
SECTION TOP	1200	1200	1200
SECTION TOP BOT	1200	1200	1200
TOLERANCE	±0.1	±0.1	±0.1



TOTAL: 7
 CC006-11 CC006-14 CC006-18
 CC007-25 CC007-28A CC007-29B
 CC007-31B



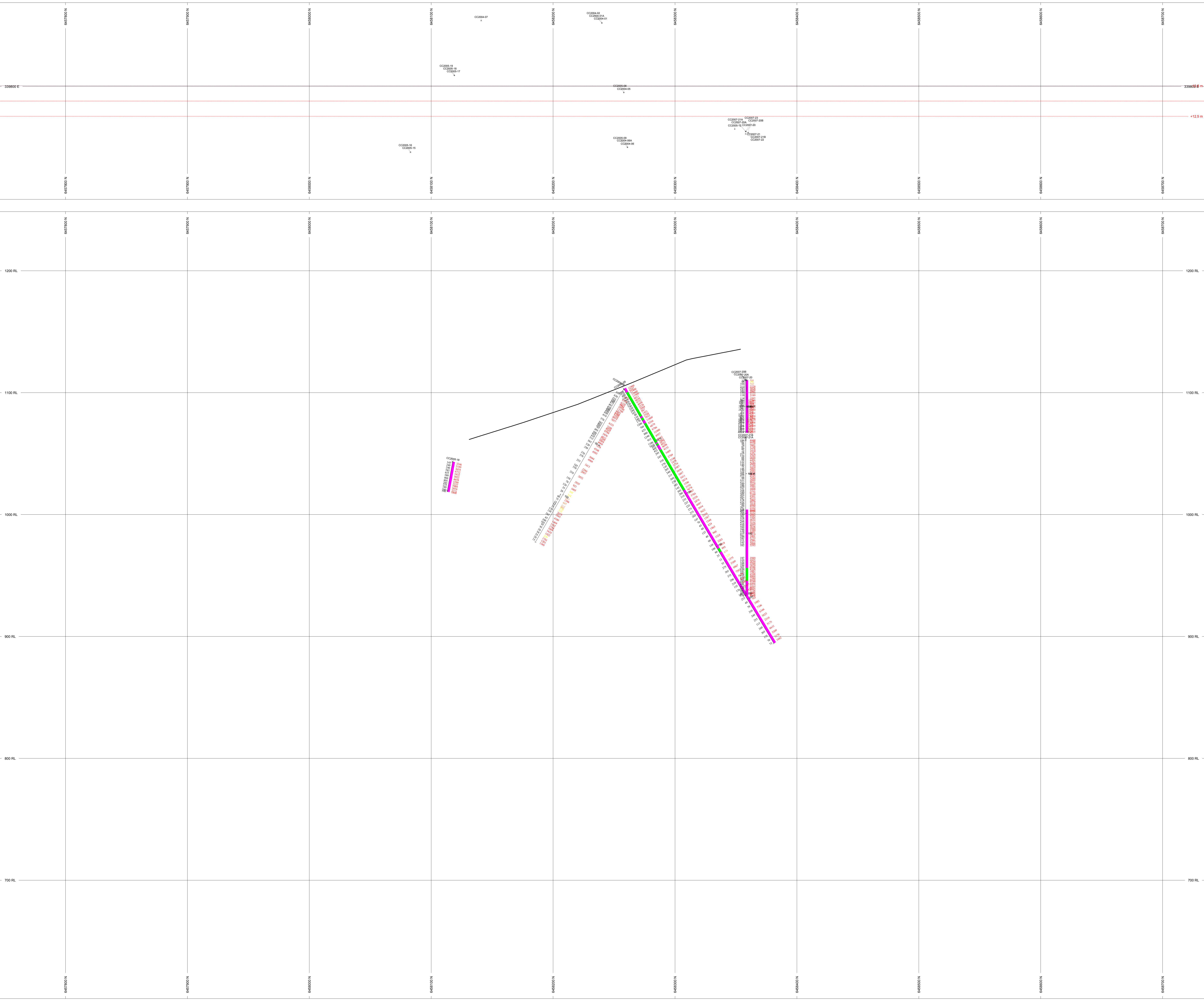
ROCK CODES	INT.	LABEL	DESCRIPTION
DR	DR	DR	DR
AT	AT	AT	AT
AND	AND	AND	AND
DRNG	DRNG	DRNG	DRNG
MC	MC	MC	MC

VALUES	LR	CR	SPACE
1000	1000	1000	1000
5000	5000	5000	5000
10000	10000	10000	10000
200	200	200	200
750	750	750	750
400	400	400	400
100	100	100	100

SECTION SPECS			
REF PT. E. N.	33937 m	84524 m	
SECTION TOP	880 m	843.7 m	
SECTION TOP BOT	1240 m	852.3 m	
TOTAL RANGE	460 m		

SCALE 1:1000
 AZIMUTH 0°
 Firesteel Resources
 Copper Creek
 Dick Creek Zone Sections

TOTAL #
 CC004-01 CC004-02 CC004-03
 CC007-01 CC007-02 CC007-03
 CC007-04 CC007-05



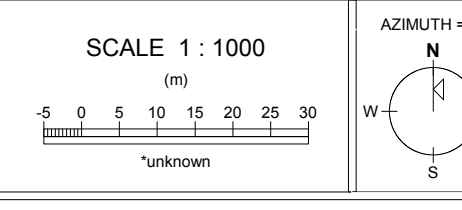
ROCK CODES	INT.	LABEL	DESCRIPTION
CC	DR	DR	DR
AT	AT	AT	AT
AND	AND	AND	AND
DRNG	DRNG	DRNG	DRNG
MC	MC	MC	MC

VALUES	LR	CR	SPACE
1000	1000	1000	1000
5000	5000	5000	5000
10000	10000	10000	10000

VALUES	LR	CR	SPACE
750	750	750	750
400	400	400	400
10	10	10	10

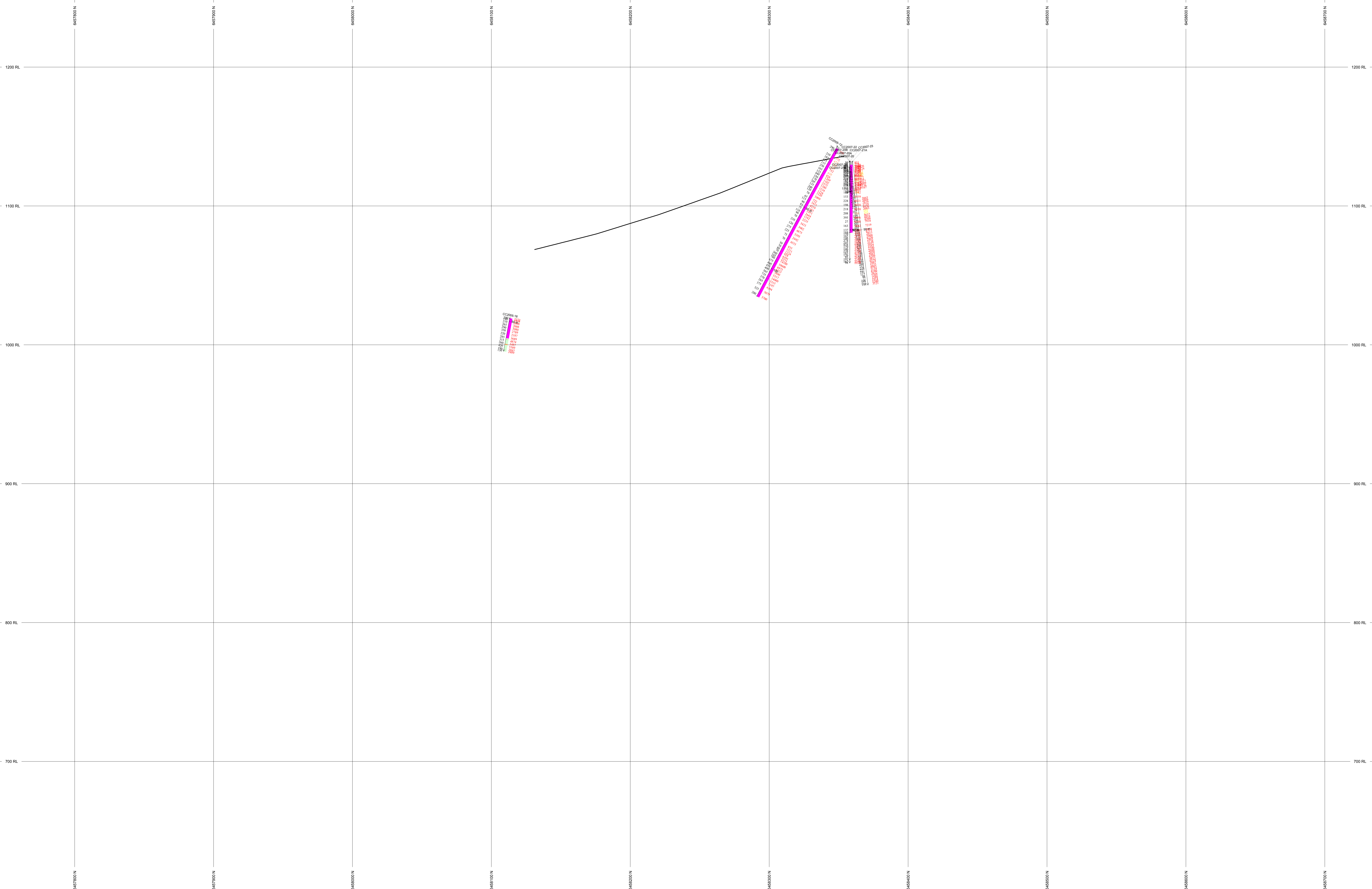
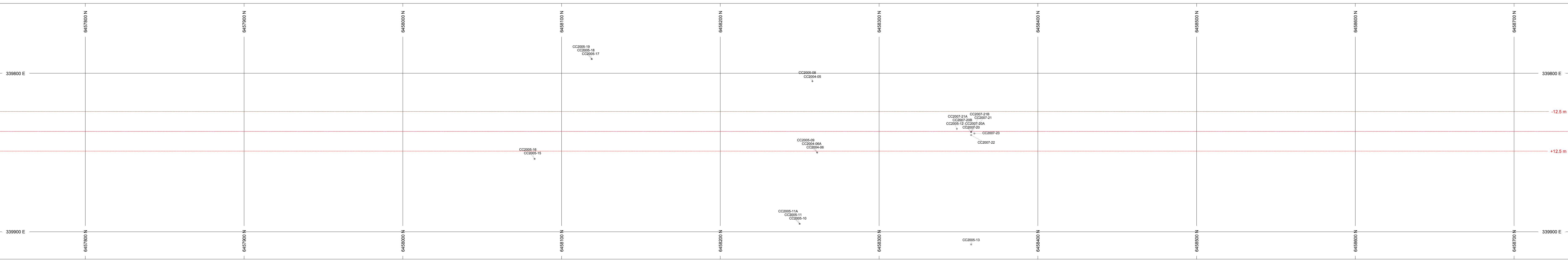
SECTION SPECS

REF PT. E. N.	33580.0	84524.0
SECTION TOP	880.0	882.0
SECTION TOP BOT	1240.0	882.0
TOLERANCE	±	10.0



Firesteel Resources
 Copper Creek
 Dick Creek Zone Sections

TOTAL 15
 CC006-12 CC006-15 CC007-20
 CC007-21A CC007-22B CC007-23
 CC007-24 CC007-25 CC007-26



ROCK CODES	INT.	LABEL	DESCRIPTION
CC	DR	DR	DRILL CORE
AT	AT	AT	ANALYTICAL TOP
AND	AND	AND	ANALYTICAL
DRNG	DRNG	DRNG	DRILLING
MC	MC	MC	MC

VALUES	LR	CR	SPACE
1000	1000	1000	1000
5000	5000	5000	5000
10000	10000	10000	10000

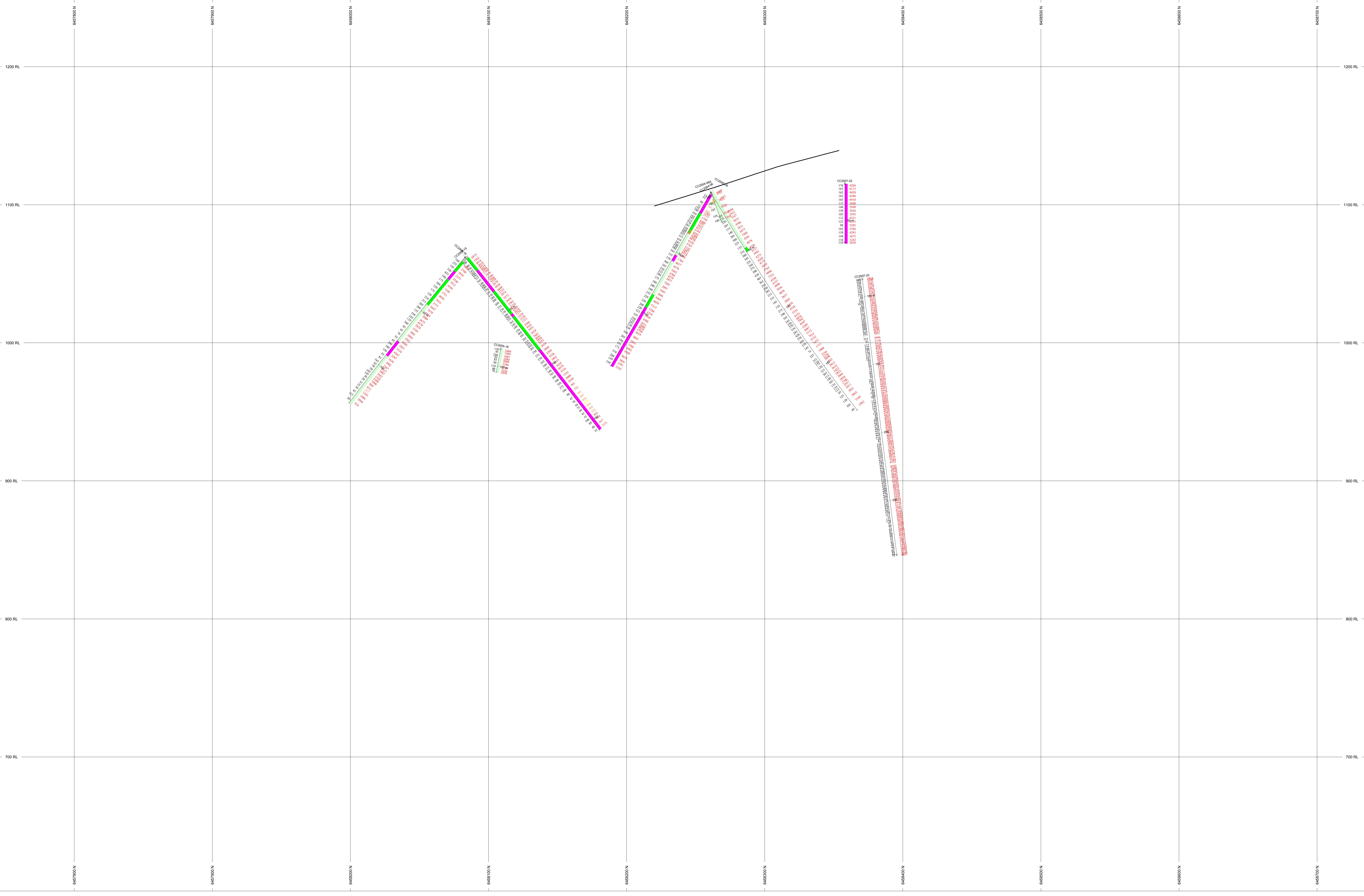
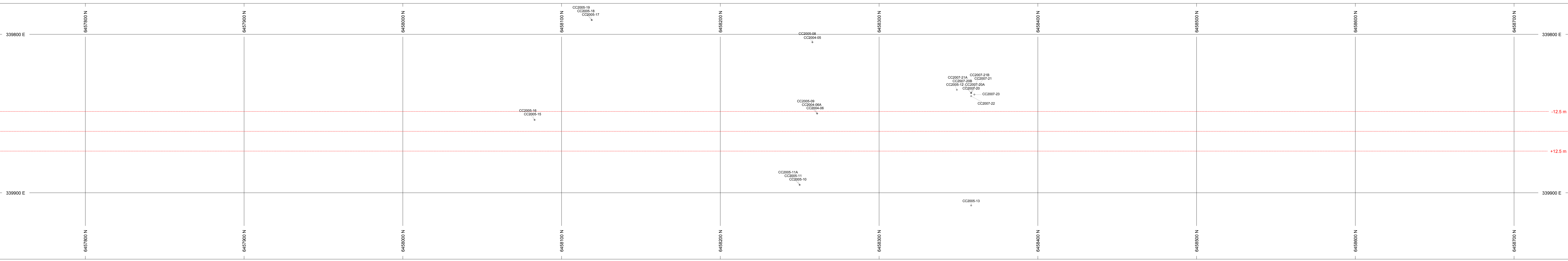
VALUES	LR	CR	SPACE
750	750	750	750
450	450	450	450
150	150	150	150

SECTION SPECS
 REF PT. E. N. 33957 m 645740 m
 EXTENTS 980 m 645.7 m
 SECTION TOP BOT 1240 m 852 m
 TOLERANCE +/- 10.0 m



Firesteel Resources
 Copper Creek
 Dick Creek Zone Sections

TOTAL #
 CC004-05 CC004-06 CC004-07
 CC005-10 CC005-11 CC005-12
 CC006-01 CC006-02 CC006-03



ROCK CODES	INT.	LABEL	DESCRIPTION
DR	DR	DR	DR
AT	AT	AT	AT
AND	AND	AND	AND
DN	DN	DN	DN
MC	MC	MC	MC

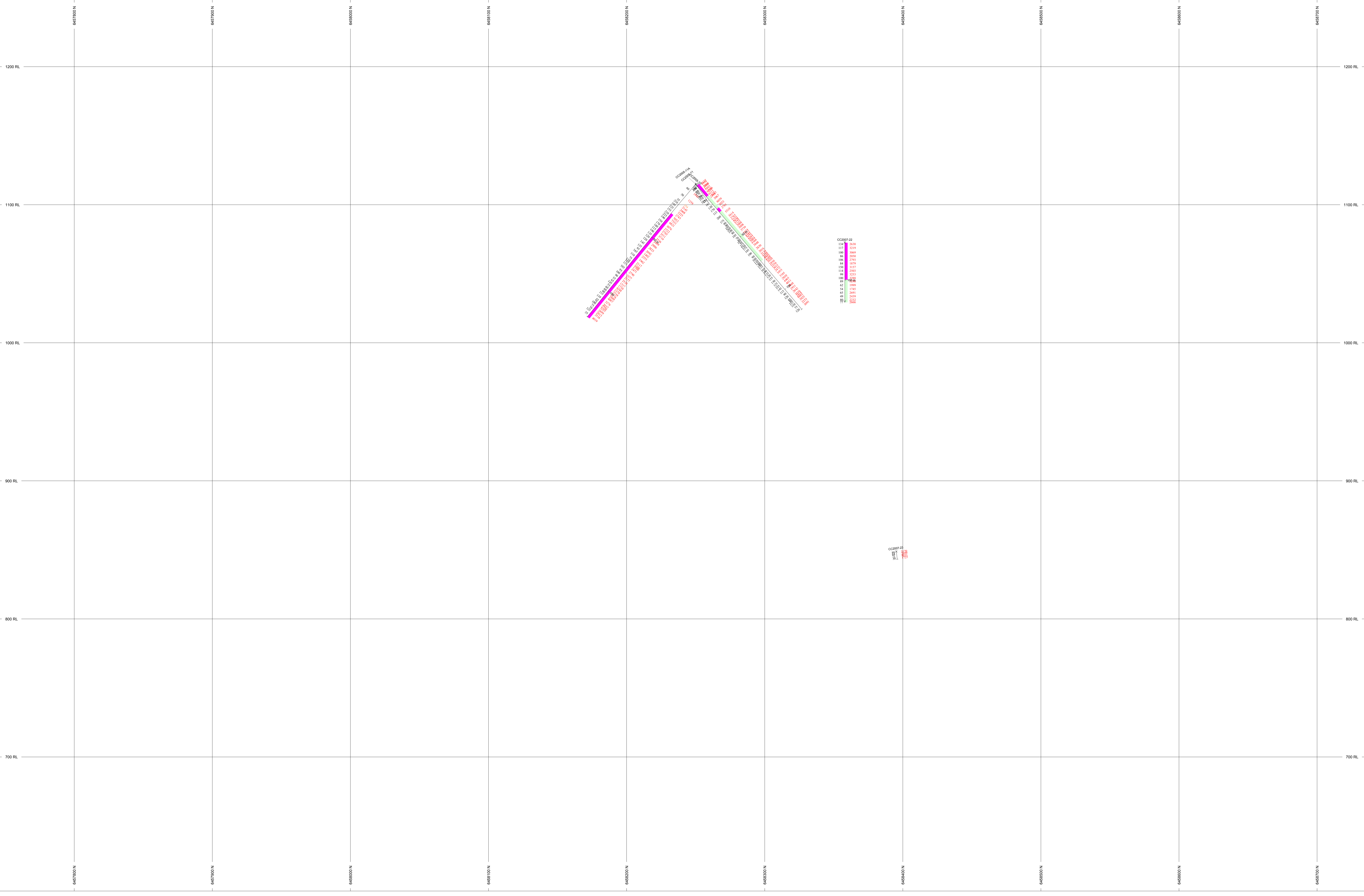
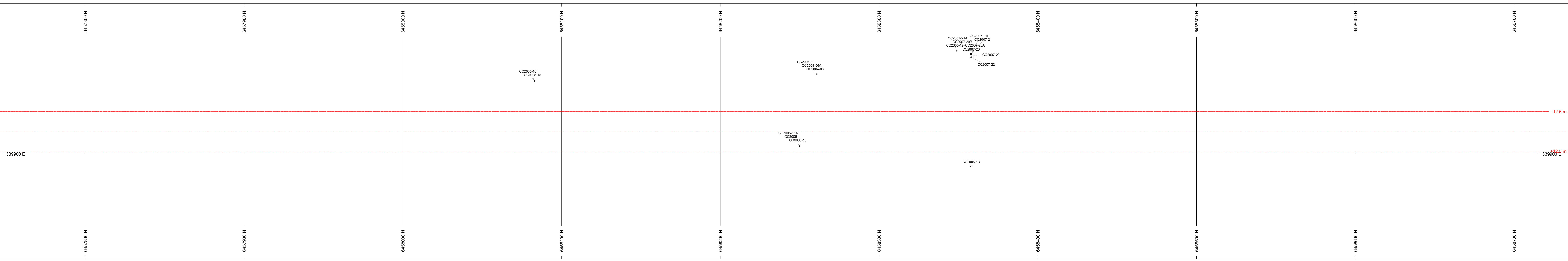
VALUES	LR	UCR	UNDR
1000	1000	1000	1000
5000	5000	5000	5000
10000	10000	10000	10000

VALUES	LR	UCR	UNDR
700	700	700	700
400	400	400	400
100	100	100	100

SECTION SPECS
 REF. PT. E. N. 33900 m 64524 m
 SECTION TOP 1200 m 645.7 m
 SECTION TOP BOT 700 m 652.3 m
 TOTAL RANGE 500 m

SCALE 1 : 1000
 AZIMUTH 0°

TOTAL #
 CC006-10 CC006-11 CC006-14
 CC007-21 CC007-22 CC007-23



ROCK CODES	INT	LABEL	DESCRIPTION
DR	DR	DR	DR
AT	AT	AT	AT
AND	AND	AND	AND
DRNG	DRNG	DRNG	DRNG
MC	MC	MC	MC

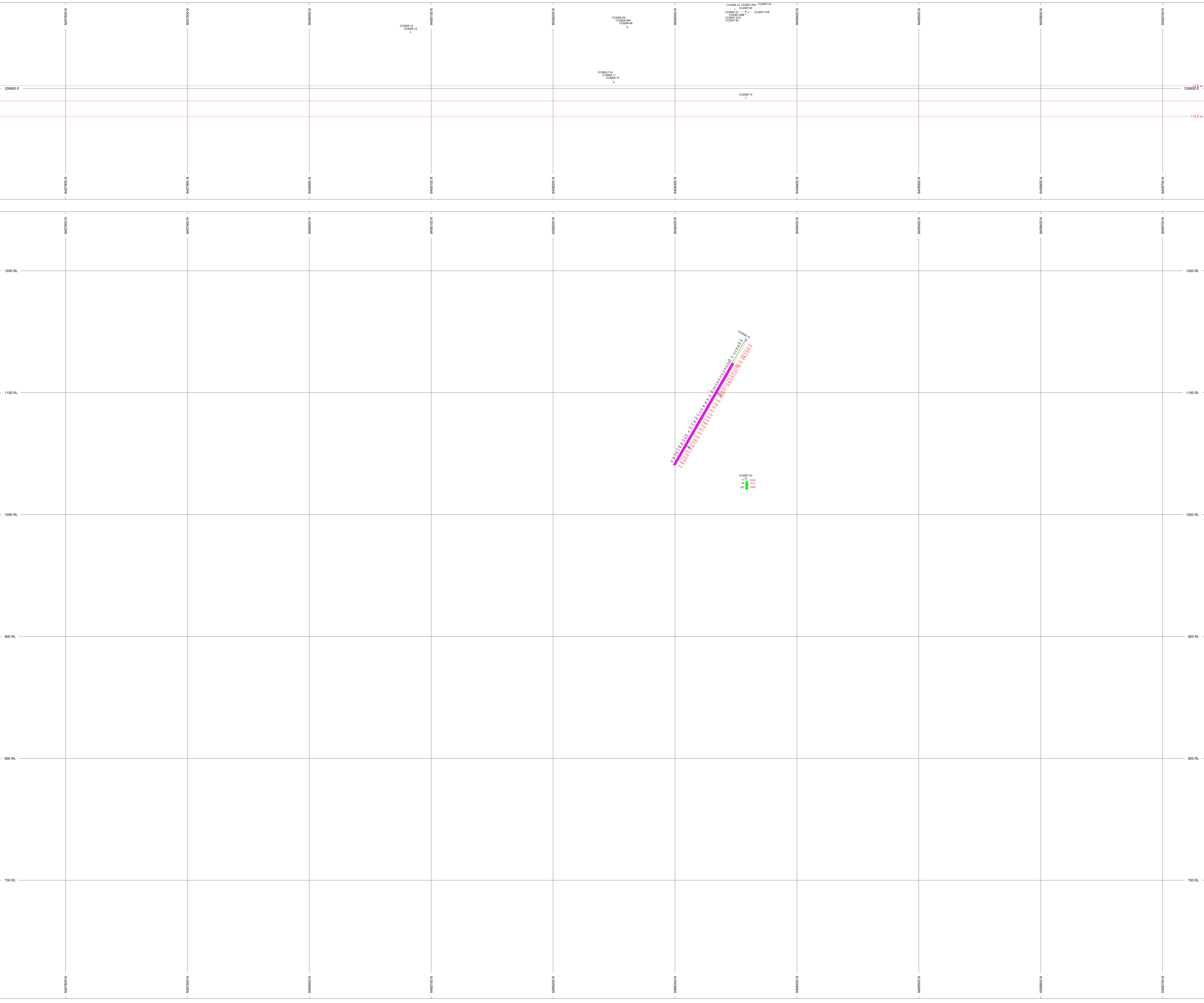
VALUES	LR	CR	SPACE
1000	1000	1000	1000
5000	5000	5000	5000
10000	10000	10000	10000
20000	20000	20000	20000

VALUES	LR	CR	SPACE
700	700	700	700
800	800	800	800
900	900	900	900
1000	1000	1000	1000

SECTION SPECS
 REF PT. E. N. 33900 m 6457000 m
 EXTENTS 800 m 6457000 m
 SECTION TOP BOT 1200 m 700 m
 TOLERANCE +/- 10.0 m



Firesteel Resources
 Copper Creek
 Dick Creek Zone Sections



SECTION SPECS
 REF PT. E. N. 33900 E 645800 N
 SECTION 100' 100' 100' 100'
 SECTION TOP BOT 1200' 700'
 TOLERANCE +/-

SCALE 1 : 1000
 0 10 20 30 40
 METERS
 AZIMUTH 0°
 N
 E
 S
 W