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BV 4858

**2006 Summer Program
Drilling & Borehole Geophysics
Ertelien Project**

Buskerud Fylke, Norway

m/appendix A, B, C, D og E

T. Blair

**Falconbridge Limited
for Sulfidmalm A/S**

December 18, 2006

Summary and Recommendations

The Ertelien project is located approximately 40 km northwest of Oslo, west of the town of Honefoss and near the village of Tyristrand. The project is an option and joint venture between Sulfidmalm A/S (Norway), a wholly-owned subsidiary of Falconbridge Limited, and Blackstone Ventures Inc. (Canada). Exploration programs are carried out by Falconbridge Limited on behalf of Sulfidmalm.

This report summarizes the results of a drilling and surface/borehole geophysical program carried out in the summer of 2006. The program consisted of 5,280.15m of drilling in twenty-three (23) drillholes (three of which were lost), and 6 borehole UTEM surveys.

The mandate of the work program was to drill test the seven (7) UTEM conductors that were defined and modeled at the Ertelien Project (Ertelia, Langdalen (2), Sigdal, Tyskland, Asktjern and Baksjø) during the 2006 winter geophysical program (Blair, 2006). Drill targets were prioritized based on their modeled size and conductivity, thus the first phase of drilling focused on defining the targets and corresponding nickel tenor systems. Each of the UTEM targets defined warranted one drill hole to test for the style and tenor of the nickel mineralization. Unfortunately, access to target areas Langdalen, Tyskland and Asktjern were quite difficult and it was decided that these targets should be put on hold for the summer program and be drill tested at a later date.

The drilling was focused in the Ertelia mine area where the size of the modeled UTEM anomaly (400m by 195m) and the proximity to historic mine workings (400,000 tonnes grading 1.04% Ni, 0.69% Cu, 0.17% Co) made it the highest priority target. The UTEM anomaly at the Ertelien Mine occurs immediately below the old workings (depth to top is 70m and the mine workings locally were believed to extend to a depth of 71m). No historical drilling has taken place in this area.

Thirteen (13) of sixteen (16) drillholes at Ertelia (not including 3 lost drillholes) intersected nickel mineralization, of which eight (8) intersected > 1.00% Ni over 2.00m. These holes are:

ER2006-01B:	1.12% Ni, 0.67% Cu & 0.07% Co / 7.04m
ER2006-02:	1.25% Ni, 0.55% Cu & 0.06% Co / 4.24m
ER2006-03:	1.29% Ni, 0.22% Cu & 0.10% Co / 2.30m
ER2006-05:	1.08% Ni, 0.64% Cu & 0.08% Co / 8.86m
ER2006-06B:	1.90% Ni, 1.76% Cu & 0.11% Co / 19.90m
ER2006-10:	0.99% Ni, 0.32% Cu & 0.06% Co / 9.60m
ER2006-17:	1.43% Ni, 0.99% Cu & 0.09% Co / 2.48m
ER2006-18:	1.05% Ni, 0.76% Cu & 0.09% Co / 9.80m

The borehole UTEM results from the first-phase drilling (ER2006-01B to ER2006-06B) at Ertelia were dominated by in-hole and in-hole edge type responses which correlate with interested mineralization. Modeling of the borehole and surface UTEM data is complex owing to the presence of multiple mineralized zones.

Shortly before the writing of this report, Falconbridge Limited (and thus Sulfidmalm A/S) was acquired by Xstrata Plc. As a result, the company no longer has a mandate to carry out in-house, international greenfields exploration. Therefore, it is recommended that if further work is to be conducted on the Ertelien project it should be carried out under the operatorship of the joint venture partner, Blackstone Ventures Inc.,

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1.0 LOCATION, TOPOGRAPHY, AND ACCESS

The Ertelien project area spans a total distance of ~30km east-west by ~22km north-south. There are two main areas of interest, one located 40 km northwest of Oslo, within the Ringerike kommune. The other area of interest is located approximately 50km northwest of Oslo within the Sigdal kommune. Both project areas are within the Buskerud fylke and are easily accessible by car along highways #35 and #287 (Figure 1).

Topography in the project areas is quite rugged with local relief of up to 600m. The project areas are covered by mixed coniferous and deciduous forest which has been locally logged. There are numerous cliffs and ridges, which generally trend north-south, with thicker tree cover in the valleys.

Access to the field areas is generally very good via a well-developed system of secondary gravel roads as well as hiking and skiing trails. The majority of the grounds in the Ertelien Project areas are held by private landowners with isolated blocks held under a "kommunal" designation as well as a state-held designation. Permission to access the field areas with snowmobile is required from both the local kommunes and the landowners.

Figure 1: Location of the Ertelien Project Area



2.0 PROPERTY AND OWNERSHIP

At the time of the work reported herein, the Ertelien "property" consisted of 340 pre-claims or "mutings" covering an area of 100.7 sq km (Figures 2 and 3). The pre-claims are registered to Sulfidmalm A/S (Norway), a wholly owned subsidiary of Falconbridge Nikkleverk (Norway) which is owned by Falconbridge Limited (Canada). Exploration on the project is carried out under an option and joint venture agreement between Sulfidmalm A/S and Blackstone Ventures Inc. (Canada). Work programs are carried out by Falconbridge Limited on behalf of Sulfidmalm.

Figure 2: Ringerike Kommune Preclaims

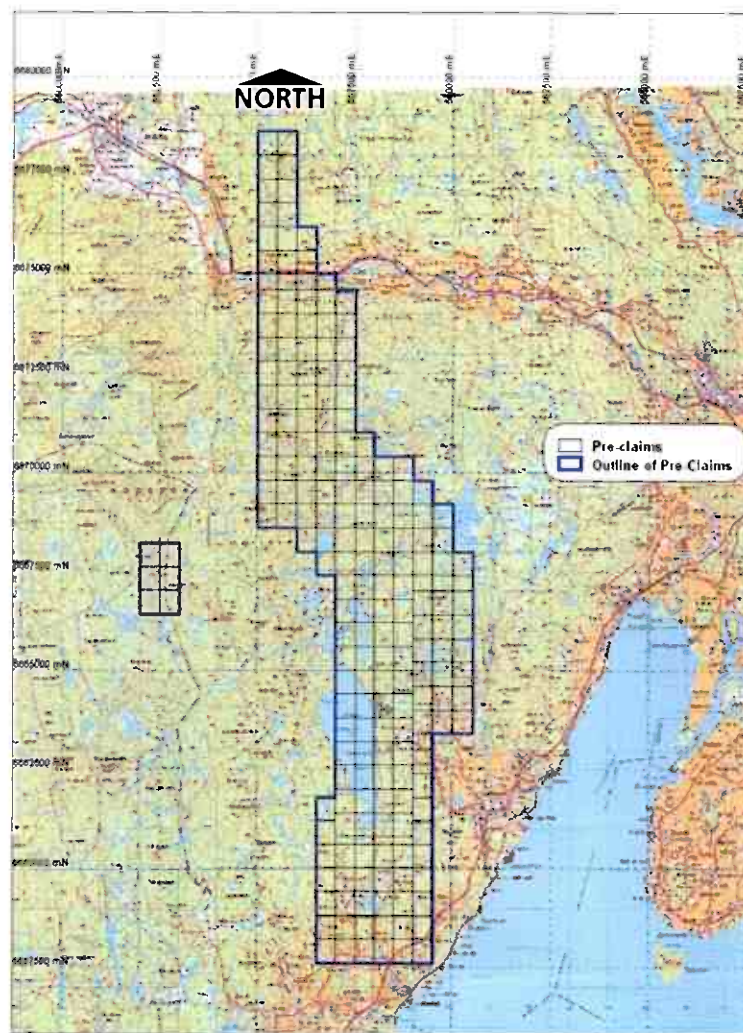
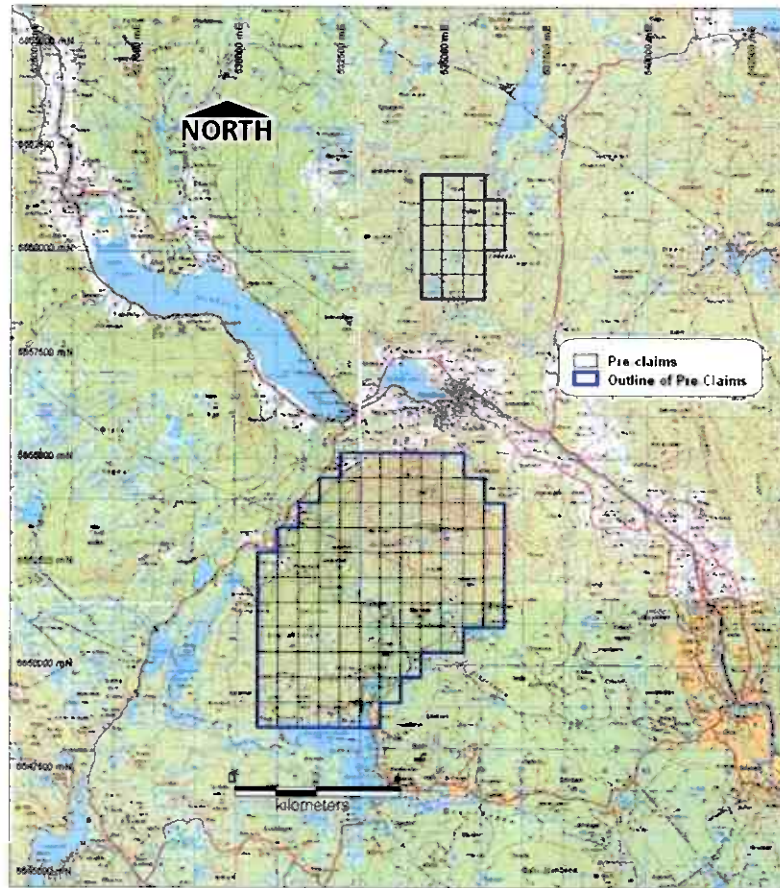


Figure 3: Sigdal Kommune Pre-claims



3.0 GEOLOGICAL SETTING

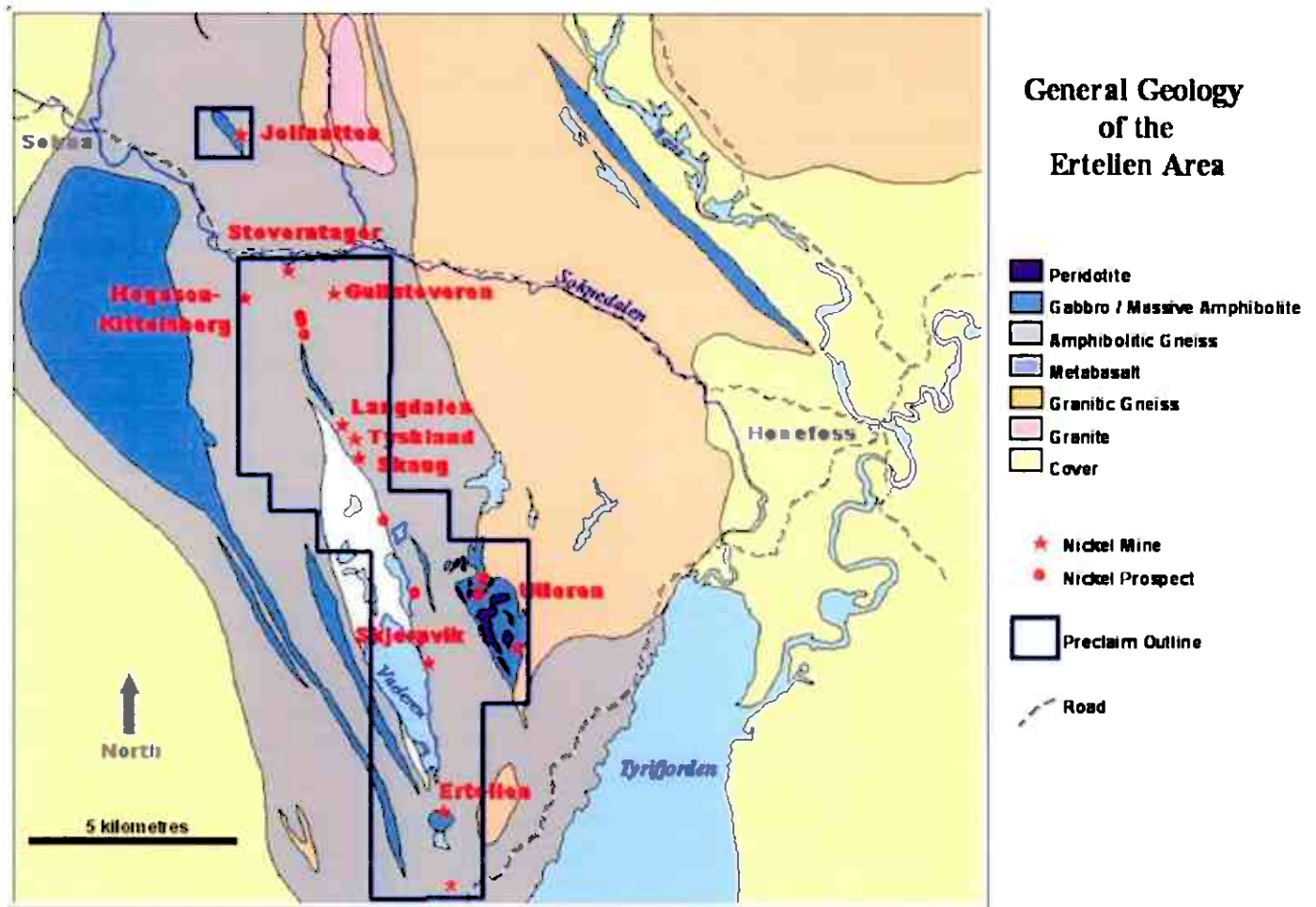
The Ertelien Project is located proximal to historic nickel mining areas which were active during the mid 1800's to early 1900's. Numerous old nickel workings and showings are hosted within differentiated mafic and ultramafic bodies which have intruded complexly folded sedimentary and granitic gneisses that were deposited between 1700 and 1500 Ma and subsequently metamorphosed and deformed during the later stages of the Svecofenian Orogeny (1600 – 1450 Ma).

These intrusions are dominantly comprised of coarse-grained, plagioclase-rich mesocumulates and orthocumulates. However, the intrusive series in its entirety comprises lithologies ranging from subordinate ultramafites (including pyroxenite, picrite and peridotite) through troctolitic varieties to olivine-free gabbros and norites, and olivine-ferrogabbros. A second phase of metamorphism occurred

during the Sveconorwegian Regeneration between 1200 and 1180 Ma. This was essentially a thermal metamorphism with limited structural deformation.

A number of the mafic to ultramafic bodies contain known accumulations of nickel sulphides which were mined at 10 different localities (Figure 4) in the pre-claim areas. The main deposits worked in the Ertelien area are Ertelia, Langdalen, Skaug, Tyskland, Ulleren and Jolinatten. The local geology, exploration and mining history is presented below.

Figure 4: General Geology of the Ertelien Project Area



* Preclaim Outline for Figure 2 supersedes Preclaim Outline for Figure 4.

4.0 PREVIOUS WORK

4.1.1 Ertelien Deposit Historical Nickel Numbers

At the Ertelien deposit proper, a small noritic intrusion hosts a deposit that produced 400,000 tonnes grading 1.04% Ni, 0.69% Cu and 0.17% Co from 1849 to 1920. Mineralization was mainly massive and breccia ore that graded between 2 and 4% Ni. Historical records of drill core and grab sample assays are listed in Table 1. Sulfidmalm / Falconbridge geologists first visited the property in 2004 and took numerous grab samples from the historical waste piles. Grab samples have returned nickel values of up to 1.83% and nickel tenors ranging from 1.83% to 3.30%.

Table 1: Ertelien Project Area – Significant historical assay results

Mine Area	Sample type (Number)	Date Sampled	Grade (%)				Grade (gpt)			
			Ni	Cu	Co	S	Pt	Pd	Au	Ag
Ertelia	Percussion drilling (best result)	1971	0.25			3.5				
Ertelia	Drill core (DDH-1) / 1.25m	1974	0.78	0.67		14.8				
Ertelia	Drill core (DDH-2) / 1.60m	1974	0.35	1.99		7.6				
Ertelia	Grab (PG01774) - Falconbridge	2004	1.83	0.17	0.12	30.3	0.02	0.06	0.05	1.2
Ertelia	Grab (PG01794) - Falconbridge	2004	1.46	0.06	0.07	30.6	<0.02	0.05	0.11	5.7
Skaug	Grab (PG01776) - Falconbridge	2004	1.83	0.23	0.08	24.6	0.04	0.09	0.02	1.5
Tyskland	Grab (PG01795) - Falconbridge	2004	0.79	1.56	0.06	11.6	<0.02	0.02	0.98	14.2
Langdalen	Grab (PG01779) - Falconbridge	2004	1.11	0.29	0.05	13	<0.02	0.02	0.03	2.7

4.1.2 Ertelien Deposit Historical Drilling

A small percussion drilling program (71 samples in 3 profiles) conducted around the old workings in 1971 failed to outline a postulated large low grade resource. The highest values obtained were 0.25% Ni with 3.5% S (2.5% Ni in 100% S). The deposit has only been tested by two holes down to a vertical depth of 60 to 80 m (only weak mineralization at the contact (0.78% Ni, 0.67% Cu, 14.8% S over 1.25 m in DDH1; 0.35% Ni, 1.99% Cu, 7.6% S over 1.60m in DDH2 (hole may not have hit footwall contact); DDH3 essentially collared in basement gneisses).

4.1.3 Ertelien Deposit Historical Geophysical Surveys

A detailed ABEM Gun (Slingram) survey conducted over the intrusion detected no anomalies (line spacing 50 m; stations 12.5 m; cable length 50 m). Only one line of the 1963 AEM survey flown by the NGU crossed the deposit but did not detect any anomalies (mean terrain clearance 100 m). A 60 point

gravity survey was completed over a 2 km x 2 km area centered on the host intrusion in 1971 and 1972. Modeling of the results gave a 2.0 mgal anomaly directly over the host intrusion with an extension or possible second 2.0 mgal anomaly approximately 750 m to the north (not exposed on surface). The author also postulates a deeper buried anomaly.

In 1963, a regional 500m spaced helicopter borne magnetics survey was flown over the area by the NGU with an east-west orientation which detected an anomaly in the area (western portion). The helicopter borne magnetics flown was not effective at draping the highly variable topography.

4.2 Langdalen, Skaug and Tyskland Deposits

The Langdalen deposit is the second largest mine in the Ertelien area. Past production was 250, 000 tonnes grading 2.5 – 3.5% Ni. It is a dyke-like feature that trends roughly 320° with a near vertical plunge. Little or no intrusion is exposed. Similarly, the Skaug and Tyskland deposits are also dyke-like and are obviously folded with steep vertical plunges. Previous mining has very selectively removed the sulphides and host intrusions.

Little or no previous exploration work has been conducted at Langdalen, Skaug and Tyskland. The 1963 AEM survey flew directly over the Langdalen deposit and detected an anomaly immediately to the west of it. However, follow-up with the ABEM gun failed to locate the anomaly on the ground. The line spacing (500 m) was such that the other deposits were not covered. No other work has been completed in the area. A test (201 line km) AEM survey flown in 1971 did not cover this (or the Ertelien) area.

4.3 Ulleren

At Ulleren, the largest mafic / ultramafic body in the area (2.5 km x 1.0 km) detailed mapping and sampling of showings was completed in 1963. The body contains a fairly large proportion of ultramafic rocks. A reconnaissance EM Gun survey failed to detect any real anomalies although "anomalies could be created by playing with the instrument".

5.0 SUMMER 2006 DIAMOND DRILLING & BOREHOLE GEOPHYSICS

5.1 Introduction

The 2006 summer field program was carried out between May 29th and November 7th and consisted of the following:

- 5,280.15m of drilling in 23 holes (3 hole were lost)
- 6 borehole UTEM surveys

Field operations were based out of a rented house (Nordre Haug) which functioned as an office and core logging facility, located approximately 1.5km east of the historic mine workings at Ertelia.

Appendix A lists the personnel involved in the program and Appendix B contains the local grid coordinate conversion data pertinent to the drilling. Drill logs, drill cross-sections and assay certificates can be found in Appendices C, D and E, respectively. Appendix F is a report prepared by Lamontagne Geophysics Ltd. containing the data and interpretation relating to the borehole UTEM surveys.

5.2 Summer 2006 Drilling Program

The 2006 summer drilling program was carried out between May 29th and November 7th, 2006 and consisted of 23 holes (ER2006-01A–ER2006-21) totaling 5,280.15m. The goal of the program was to drill test the seven (7) UTEM conductors that were defined and modeled at the Ertelien Project (Ertelia, Langdalen (2), Sigdal, Tyskland, Askjern and Baksjo) during the 2006 winter geophysical program (Blair, 2006). Drill targets were prioritized based on their modeled size and conductivity, thus the first phase of drilling focused on defining the targets and corresponding nickel tenor systems. Each of the UTEM targets defined warranted one drill hole to test for the style and tenor of the nickel mineralization. Unfortunately, access to target areas Langdalen, Tyskland and Askjern were quite difficult and it was decided that these targets should be put on hold for the summer program and be drill tested at a later date.

A total of 19 holes were drilled at Ertelia (ER2006-01A to ER2006-06B, ER2006-09 to ER2006-12, and ER2006-15 to ER2006-21), 2 holes at Baksjo (ER2006-07 and ER2006-08) and 2 holes at Sigdal (ER2006-13 and ER2006-14).

Drill core was sampled on-site using a rock saw with half of the core sent for analysis and the other half retained in the core box. Samples were shipped to SGS Lakefield Research in Canada for

processing and analyzed for nickel, copper, cobalt (pyrosulfate fusion XRF), sulphur (LECO), platinum, palladium, gold (fire assay, ICP-OES) and silver (strong acid, AAS).

The drilling program was carried out by two different drill contractors, Arctic Drilling AS of Kautokeino, Norway and Drillcon AB of Nora, Sweden. Arctic Drilling was awarded the original drill contract and used a track-mounted muskeg drill (Diamec 251) for holes ER2006-01A to ER2006-14. As the Diamec drill is able to access locales with little or no environmental impact, its short-comings are the inability to drill to depths >350m. As success dictated at Ertelia, drilling was required to >350m and therefore Drillcon AB was hired to drill deeper holes (ER2006-15 to ER2006-21). Drillcon AB supplied an Onram 1000, 8-WD skidder mounted Hagby wireline drill, capable of drilling to depths of 1,000m.

Pick-up trucks (4-WD) and 4-WD ATVs (where required) were used for transportation of personnel and drill core. The construction of drill roads were kept to a minimum and were generally prepared by Falconbridge personnel in advance of drill mobilization in order to reduce the environmental impact on the surrounding terrain. Permissions for drill access, off-road motorized vehicles and road building were obtained from private landowners, the local kommuner, communal land organizations and representatives of Statskog ("state forest").

Environmental inspections were completed on all drillsites to ensure that the sites were left in a clean and tidy state. Casings were left in all holes and casing caps inscribed with the hole number were installed.

5.3 Results of the Summer 2006 Drill Program

Drilling at the Ertelien Project focused on testing seven (7) different UTEM conductors, which were originally defined and modeled during the 2006 winter geophysical program. These seven conductors are located in six different locales (Ertelia, Langdalen, Sigdal, Tyskland, Asktjern and Baksjo) throughout the Project, many of which are proximal or coincident with previously known mineralization. It was established that each conductor should be drill tested with a minimum of one hole, as structural data suggests that dips and plunges are generally steep, thus the potential of a high nickel tenor mineralized system at depth (below UTEM detection limits) exists.

5.3.1 Summer 2006 Ertelia Drill Program

Drilling commenced at the Ertelia area, as this conductor had the largest modeled size (400m by 195m) and an overall conductance of 480 siemens. The precise dimensions of this plate were somewhat limited by the presence of a power line directly over the plate and, therefore, the modeled

size may have underestimated. Six (6) holes, totaling 1,442.75m, were drilled to test the Ertelia conductor (Figure 5), of which five (5) intersected significant nickel mineralization ($>1.00\%Ni$ / 2.00m). These holes are as follows:

ER2006-01B: 1.12% Ni, 0.67% Cu & 0.07% Co / 7.04m

ER2006-02: 1.25% Ni, 0.55% Cu & 0.06% Co / 4.24m

ER2006-03: 1.29% Ni, 0.22% Cu & 0.10% Co / 2.30m

ER2006-05: 1.08% Ni, 0.64% Cu & 0.08% Co / 8.86m

ER2006-06B: 1.90% Ni, 1.76% Cu & 0.11% Co / 19.90m

An additional eleven (11) holes, totaling 3,361.55m, were drilled to follow-up on the above nickel mineralization (Figure 7). Three of these holes intersected significant nickel mineralization ($<1.00\%Ni$ / 2.00m) and are as follows:

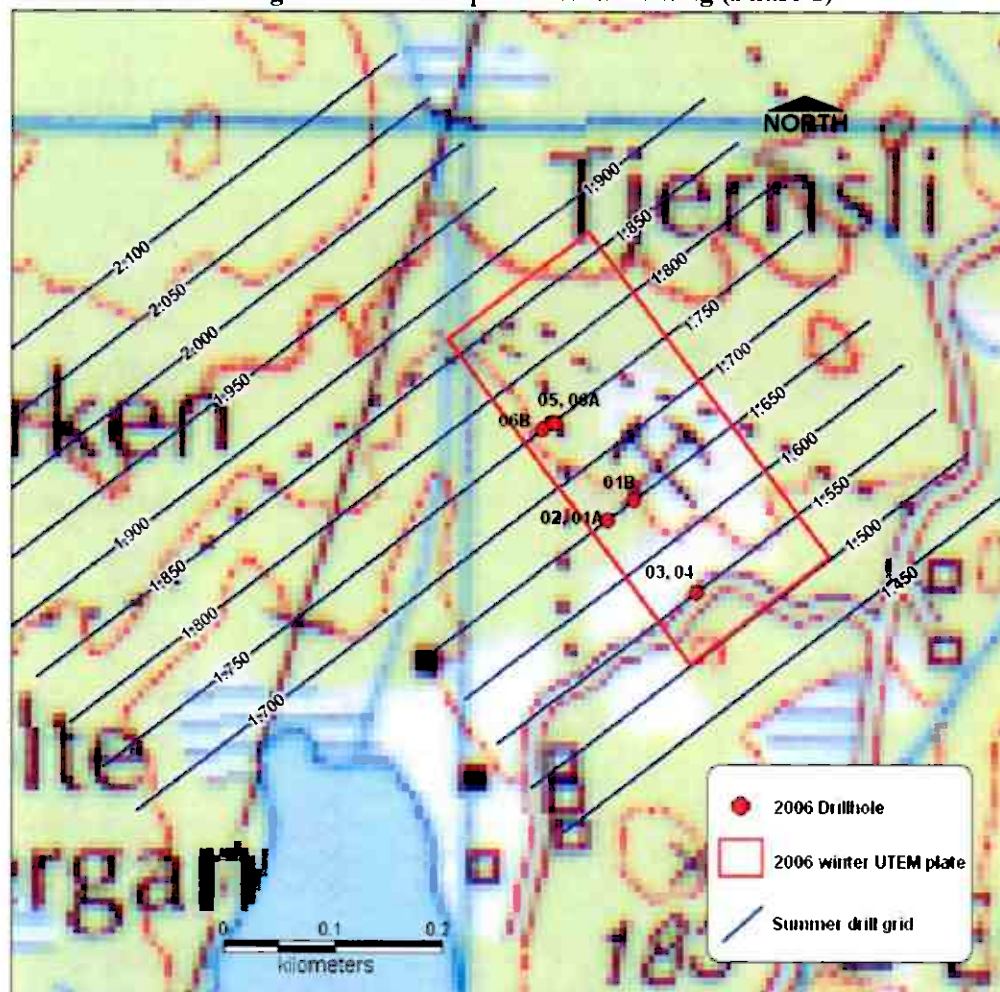
ER2006-10: 0.99% Ni, 0.32% Cu & 0.06% Co / 9.60m

ER2006-17: 1.43% Ni, 0.99% Cu & 0.09% Co / 2.48m

ER2006-18: 1.05% Ni, 0.76% Cu & 0.09% Co / 9.80m

The geometry and hole to hole correlation of the Ertelia mineralization is complex given the geologic position of multiple mineralized zones hosted in both gabbro-norite and gneiss and locally showing evidence of remobilization. All significant mineralization intersected in the summer 2006 drill program is tabulated in Table 2.

Figure 5: Plan Map of Ertelia Drilling (Phase 1)



Details of the 2006 Ertelia drilling are given below:

ER2006-01A Line 1650N / 900E Azimuth: 053°; Dip: -45°

The hole was proposed to test the centre of the modeled UTEM conductor, approximately 45m down-dip from the top edge which is interpreted to correspond with the contact of a noritic body with the surrounding paragneisses. The hole was lost at 17.0m within a highly friable, low angle (10° to the core axis) fault zone. After unsuccessful attempts to advance the rods and casing, the hole was shutdown. A weakly mineralized (trace to 2% pyrite ± cpy) gabbro-norite was intersected from 7.95m to 17.00m.

ER2006-01B Line 1650N / 930E Azimuth: 053°; Dip: -60°

The hole was proposed to test the centre of the modeled UTEM conductor, approximately 45m down-dip from the top edge. This is a re-collar of failed hole ER2006-01A with the hole moved forward and the head steepened. The hole collared within a gabbro-norite body which contained trace to 2% disseminated pyrrhotite-pyrite. Numerous sulphides were intersected within the gabbro-norite as dm to m-scale horizons of semi-massive to massive sulphides (pyrrhotite-pyrite-chalcopyrite). The most significant assay results of which returned values of 1.12% Ni, 0.67% Cu, 0.07% Co & 16.1% S over 7.04m. Massive sulphide veinlets (interpreted as remobilized) were also intersected within the

footwall gneisses, which returned values of 0.79% Ni, 0.86% Cu, 0.05% Co & 12.2% S over 4.98m. The above mineralized horizons may represent remobilized extensions of the historical Mine 2 orebody, along a NW-SE trend (i.e. parallel to norite/gneiss contact). The hole was lost at 134m when historic mine workings were intersected.

ER2006-02 *Line 1650N / 900E* *Azimuth: 053°; Dip: -75°*

This hole was proposed to test the centre of the modeled UTEM conductor, approximately 120m down-dip from the top edge. A gabbro-norite was intersected at 4.30m, which contained 1-3% (local concentrations up to 8%) disseminated pyrrhotite-pyrite ± chalcopyrite. An interpreted intermediate to mafic gneiss "raft" was intersected from 147.38-155.75m within the gabbro-noritic body. **Massive sulphides** (interpreted as remobilized) were intersected from 185.43-189.70m which consists of 92% coarse grained pyrrhotite, 5% chalcopyrite and 3% cubic pyrite. Assays for this section returned **1.25% Ni, 0.55% Cu, 0.06% Co & 22.01% S over 4.24m** including 1.45% Ni, 0.35% Cu, 0.07% Co & 23.34% S over 3.6m from 184.46m – 189.06m. Conductivities for the massive sulphides ranged from 3000 to 9000 siemens on cut core. The hole was lost at 213.80m after a friable, serpentine/chlorite fault zone was intersected at 210.65m. Two attempts at cementing the fault zone were unsuccessful. The hole did not intersect the gabbro-norite / gneiss contact due to the above difficulties.

ER2006-03 *Line 1550N / 925E* *Azimuth: 053°; Dip: -50°*

This hole was proposed to test the southern portion of the modeled UTEM conductor, approximately 45m down-dip from the top edge. Holes ER2006-03 and 04 are located 100m grid south of holes ER2006-01B and 02. This hole intersected 177.5m of gabbro-norite, cut by minor anorthositic and mafic intervals. Below 40m, the gabbro-norite is pervasively mineralized containing an average of 1-3% pyrrhotite and pyrite with trace chalcopyrite. Locally, mineralization increases to 10% pyrrhotite and pyrite with up to 2% chalcopyrite in cm-scale patches. The lower contact of the gabbro-norite with the surrounding gneisses was intersected at 188.95m. The immediate hanging wall contact is a fine grained mafic dyke, which contains semi-massive to massive sulphides over 2.30m (185.65–187.95m), which returned assay results of **1.29% Ni, 0.22% Cu, 0.10% Co & 22.0% S over 2.30m**. The hole was completed to a final depth of 223.50 m in footwall gneisses.

ER2006-04 *Line 1550N / 925E* *Azimuth: 053°; Dip: -80°*

This hole was proposed to test the southern portion of the modeled UTEM conductor, approximately 120m down-dip from the top edge. ER2006-04 collared in gabbro-norite and intersected the inferred footwall gneissic contact at 192.53m. Mineralization consisted of 1.24m of semi-massive to massive sulphides (70%po, 2%cpy, 2%py) proximal to the footwall contact (181.85m-183.09m) and returned values of **1.47% Ni, 0.98% Cu, 0.10% Co & 29.0% S over 1.24m**. The hole was completed to a final depth of 223.75 m in footwall gneisses.

ER2006-05 *Line 1750N / 912E* *Azimuth: 053°; Dip: -50°*

This hole was proposed to test the up-dip edge of the 400m long Ertelia UTEM conductor, 100m grid north of holes ER2006-01B and -02. ER2006-05 collared in the gabbro-norite and intersected several dm-scale zones containing 20-40% sulphides (po, py, trace cpy) between 27.40m and 55.72m. A gneissic interval containing ~25% sulphides (po, trace cpy) was intersected from 97.15m - 103.70m followed by 3.08m of massive sulphides (90% po, 1-2% cpy) from 103.70m – 106.78m. The massive sulphides, which returned values of **1.69% Ni, 0.59% Cu, 0.11% Co & 22.8% S over 3.08m**, are bounded downhole by gabbro-norite to a depth of 191.60m. The interpreted footwall gneiss was intersected from 191.60-239.70m (final depth) with numerous dm-scale semi-massive to massive remobilized sulphide veinlets (pyrrhotite-chalcopyrite).

ER2006-06A Line 1750N/912E Azimuth: 053°; Dip: -80°

This hole was proposed to test the down-dip edge of the 400m long Ertelia UTEM conductor, 100m grid north of holes ER2006-01B and 02. ER2006-06A collared in a weakly mineralized gabbro-norite (trace to 1% finely disseminated pyrrhotite) to a depth of 46.00m. The hole was unfortunately lost within a previously unknown underground working at this depth, as the drill rods dropped 3.5m within the hole. All drill equipment was recovered and the collar position was moved 8m grid west and re-collared as ER2006-06B.

ER2006-06B Line 1750N/904E Azimuth: 053°; Dip: -83°

This is the re-collared hole of ER2006-06A, which targeted the down-dip edge of the 400m long Ertelia UTEM conductor on line 1750N. ER2006-06B collared in weakly mineralized gabbro-norite (trace to 2% finely disseminated pyrrhotite) and intersected massive sulphides (1.82%Ni, 2.06%Cu and 0.14%Co) from 26.03-26.78m (0.75m). These massive sulphides returned values of **1.81% Ni, 2.06% Cu, 0.14% Co & 32.0% S over 0.75m**. Gabbro-norite was intersected until 289.95m, after which **19.90m of massive sulphides** (70% pyrrhotite, 2-7% chalcopyrite and 2% pyrite) were intersected from 289.95-309.85m (see Figure 6). These massive sulphides returned values of **1.90% Ni, 1.76% Cu, 0.11% Co & 28.3% S over 19.90m**. An interpreted orthogneiss was intersected from 309.85m-319.90m and the hole stopped at 345.00m within a gabbro-norite. The drillhole was stopped due to the maximum depth capabilities of the drilling equipment.

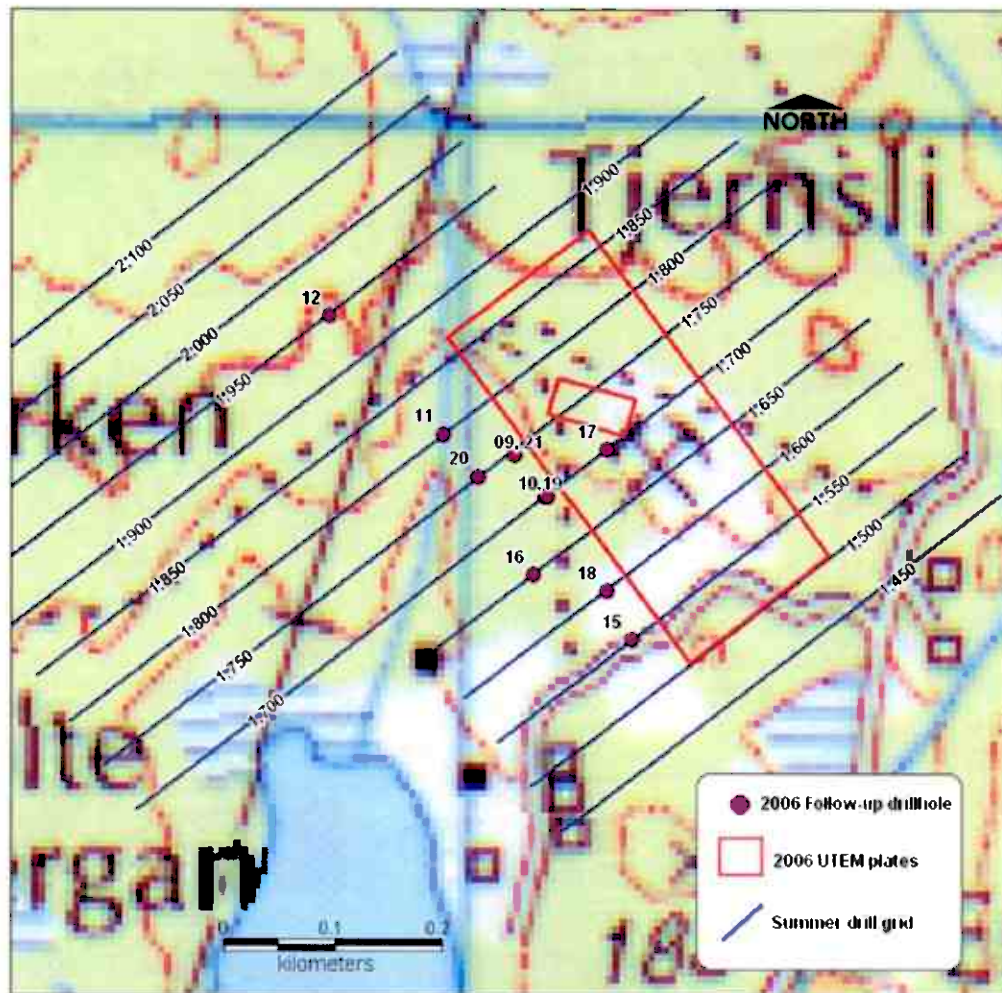
Figure 6: Massive Sulphide Intersection in Hole ER2006-06B

1.90% Ni, 1.76% Cu, 0.11% Co & 28.3% S over 19.90m



Based on the success of the first-pass drilling at Ertelia, an additional eleven holes were drilled to follow-up on nickel sulphide mineralization.

Figure 7: Plan Map of Ertelia Drilling (Follow-up)



ER2006-09 Line 1750N / 867E Azimuth: 053°; Dip: -67°

Drill hole ER2006-09 was designed to test 50m up-dip of the massive sulphides intersected in hole ER2006-06B (19.90m of 1.90% Ni, 1.76% Cu). This hole intersected dm-scale intervals of disseminated to semi-massive mineralization within the gabbro-norite between 251.16m and 254.70m. Assay results returned values of 0.72% Ni, 1.30% Cu, 0.06% Co & 12.3% S over 3.54m for the above mentioned mineralization. Drill data suggests that the mineralization in hole ER2006-06B may have

been truncated / disrupted by a high angle fault which lies between holes -06B and -09 at the target depth. The hole was shutdown in gneiss at a depth of 339.30m.

ER2006-10 *Line 1700N / 868E* *Azimuth: 053°; Dip: -68°*

Drill hole ER2006-10 was designed to test 50m grid south and approximately 45m up-dip of hole ER2006-06B. The hole was collared in weakly mineralized gabbro-norite and intersected multiple dm to m-scale massive sulphide horizons, the most significant of which returned weighted average assay values of **0.99% Ni, 0.32% Cu, 0.06% Co & 14.1% S over 9.60m**. Interpreted footwall gneisses were intersected between 245.65m and the end of hole at 343m.

ER2006-11 *Line 1800N / 827E* *Azimuth: 053°; Dip: -60°*

Drill hole ER2006-11 was designed to follow-up 50m grid north of the mineralization intersected in hole ER2006-06B. The hole collared in gabbro-norite, intersected irregularly shaped bodies of very coarse-grained, pegmatitic quartz-rich anorthosite followed by gneiss and more gabbro-norite. This gneiss is unlike gneiss encountered in the footwall of previously drilled holes and may represent a xenolith or raft in the gabbro-norite. The hole finished at a depth of 300m in gabbro-norite. The drilling contractors were unable to advance the drill hole past 300m as depth and rock conditions hindered their progress. A decision was made to shutdown the hole before a drill string was lost. No significant assay results were returned.

ER2006-12 *Line 1950N / 808E* *Azimuth: 053°; Dip: -54°*

Drill hole ER2006-12 was collared to test the favourable gabbro-norite / gneiss contact, approximately 100m down-dip from a historical working (pit). The target of this proposed hole is geologically driven as geophysical techniques may have been masked by a nearby (~50m away) high voltage power line. An unmineralized gabbro-norite was intersected from 1.20m to 213.70m, which was locally crosscut by metre scaled pegmatitic anorthosite units. This hole finished at a depth of 244.50m, within mafic gneisses. No significant assay results were returned.

ER2006-15 *Line 1550N / 852E* *Azimuth: 053°; Dip: -88°*

Drill hole ER2006-15 was collared to test the gabbro-norite / gneiss contact, approximately 100m down-dip from hole ER2006-04 (1.47%Ni, 0.98%Cu, 0.10%Co / 1.24m). The hole intersected unmineralized gabbro-norite to a depth of 144m, after which mafic to intermediate gneisses were intersected to a final depth of 252m. This significantly reduces the amount of fertile gabbro-norite thought to lay grid south (true southeast) of the historical mine workings. No samples were taken.

ER2006-16 *Line 1650N / 817E* *Azimuth: 053°; Dip: -73°*

Hole ER2006-16 was collared to test the gabbro-norite / gneiss contact, approximately 100m down-dip of mineralization intersected in hole ER2006-02 (1.25%Ni, 0.55%Cu, 0.06%Co / 4.24m). The hole intersected a thick unmineralized gabbro-noritic body to a depth of 265.27m. A highly magnetic, gneissic (mafic affinity) raft (?) was intersected from 265.27m to 301.74m, followed downhole by gabbro-norite to a depth of 351.25m. The hole was shutdown at 381.90m within gneisses. No significant assay results were returned.

ER2006-17 *Line 1700N / 937E* *Azimuth: 053°; Dip: -62°*

Drill hole ER2006-17 was collared to test three separate borehole UTEM anomalies from holes ER2006-01B and ER2006-05. Numerous cm to dm-scale remobilized massive sulphide veinlets (po,

py, cpy) were intersected throughout the hole (hosted within intermixed gabbro-norite and felsic to mafic gneisses), the more significant of which are:

132.70m – 133.43m (0.73m) returned values of 2.02%Ni, 0.74%Cu, 0.12%Co and 28.70%S

172.18m – 174.66m (2.48m) returned values of 1.43%Ni, 0.99%Cu, 0.09%Co and 22.15%S

Unfortunately, the drillhole did not make it to target depth (230m) as a historic underground mine working was intersected at a depth of 177.10m. The mineralized horizons intersected within this hole explain the borehole UTEM anomalies.

ER2006-18 Line 1600N / 860E Azimuth: 053°; Dip: -73°

Hole ER2006-18 was collared to test the footwall complexity with a pierce point positioned at ~1600N, 925E and -100m elevation. Relatively homogenous gabbro-norite (trace to 3% fine grained disseminated pyrrhotite) was intersected to a depth of 226.80m, followed downhole by felsic to intermediate gneisses (EOH @ 349.20m). Massive sulphides were intersected from 142.55m - 152.35m (see Figure 8), which returned values of **1.05% Ni, 0.76% Cu, 0.09% Co & 20.4% S over 9.80m**. Two metre scale gneissic waste gaps were intersected within the massive sulphide zone. This zone does not appear to correlate with any previous reported zones of mineralization. A thin body of gabbro-norite (7.14m) was intersected within the gneisses at 238.13m which was also mineralized. This horizon had dm-scale massive sulphides on the contacts (pyrrhotite on the upper contact and pyrite on the lower contact) as well as a 1.60m massive sulphide vein in the centre of this unit. This massive sulphide vein returned values of **1.63% Ni, 1.50% Cu, 0.10% Co & 30.6% S over 1.60m** (240.18m – 241.78m). The hole was shutdown within interpreted gneisses at a depth of 349.20m.

Figure 8: Massive Sulphide Intersection in Hole ER2006-18



ER2006-19 *Line 1700N / 869E* *Azimuth: 053°; Dip: -80°*

Drill hole ER2006-19 was proposed to test 50m down-dip of ER2006-10 (0.99%Ni, 0.32%Cu, 0.06%Co and 14.1%S / 9.60m). Relatively homogenous gabbro-norite (trace to 3% fine grained disseminated pyrrhotite) was intersected to a depth of 370.7m. Several dm-scale mineralized intervals were intersected from 281.70m – 296.60m (veinlets, heavy disseminations), which appear to correlate with the mineralization intersected in ER2006-10. The most significant assay returned within the above interval was 1.18%Ni, 0.13%Cu, 0.06%Co and 19.6%S / 1.05m (281.70-182.75m). Several dm-scale massive sulphide veinlets were also intersected proximal to the lower contact of the gabbro-noritic intrusive, the best of which returned assay values of 1.41%Ni, 0.38%Cu, 0.08%Co and 26.1%S / 0.87m (349.68-350.55m). The drill hole was finished at 451.9m within footwall gneisses.

ER2006-20 *Line 1750N / 830E* *Azimuth: 053°; Dip: -79°*

Drill hole ER2006-20 was proposed to test 50m down-dip of ER2006-06B (1.90% Ni, 1.76% Cu, 0.11% Co / 19.90m), but unfortunately had to be shut down after an unsuccessful cement job at 106.6m (very difficult rock conditions). A weakly mineralized (trace to 3% disseminated pyrrhotite) gabbro-norite was intersected from 6.00m to 106.60m. No samples were taken.

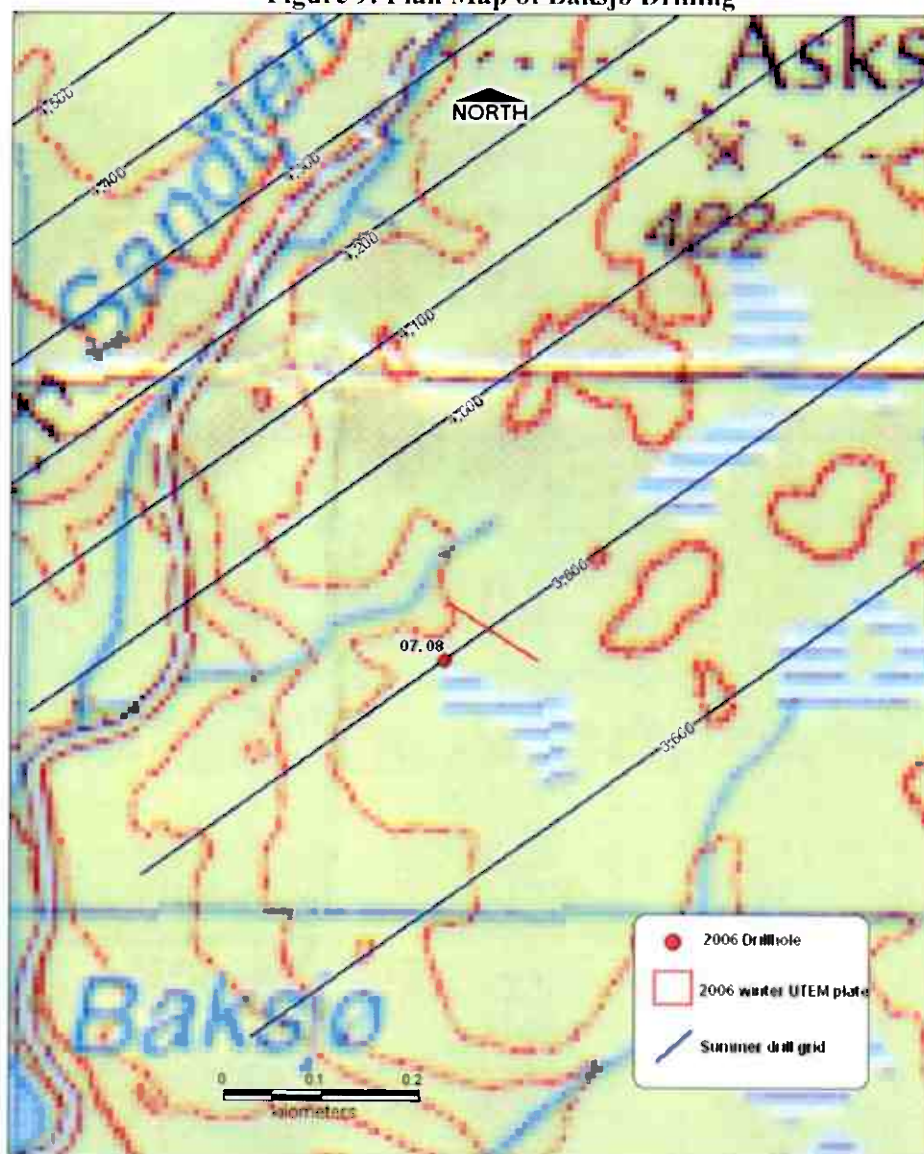
ER2006-21 *Line 1750N / 867E* *Azimuth: 053°; Dip: -86°*

Drill hole ER2006-21 was a re-collar of failed hole ER2006-20 with the hole moved forward and the head steepened. This hole was proposed to test 50m down-dip of ER2006-06B (1.90% Ni, 1.76% Cu, 0.11% Co / 19.90m). This hole was shutdown at a depth of 416m. This hole intersected a thick unit of gabbro-norite (weakly mineralized) to a depth of 380.80m and finished within intermediate to felsic gneisses. No significant assay results were returned.

5.3.2 Summer 2006 Baksjö Drill Program

Two drill holes were proposed to test the Baksjö UTEM conductor (Figure 9), which had a modeled conductance of 7900 Siemens and dimensions of approximately 100m by 100m. Unlike other conductors on the Ertelien Project, this conductor was not coincident with an AEM conductor, and lay at a depth of 100m below surface. The modeled plate was a one-station, vertically dipping plate and thus the upside potential for the conductor to continue at depth (below UTEM detection limits) existed. Unfortunately, no obvious conductors were intersected in either hole.

Figure 9: Plan Map of Baksjo Drilling



Details of the 2006 Baksjo drilling are given below:

ER2006-07 Line 3800N / 1832E Azimuth: 055°; Dip: -53°

Drill hole ER2006-07 was proposed to test the Baksjo UTEM plate (~100m x ~100m) approximately 30m down-dip from the top edge. Mafic to intermediate to felsic gneisses were intersected from 0.60 to 151.40m, with no obvious conductor. No samples were taken.

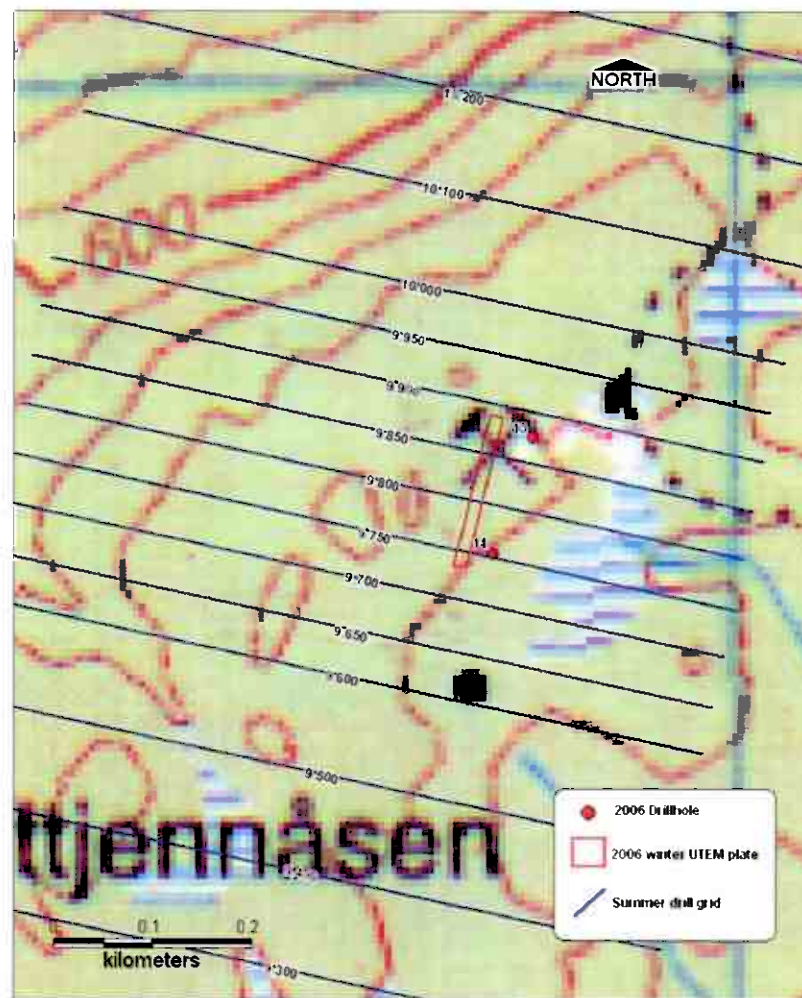
ER2006-08 Line 3800N / 1832E Azimuth: 055°; Dip: -65.5°

Drill hole ER2006-07 was proposed to test the Baksjø UTEM plate (~100m x ~100m) approximately 80m down-dip from the top edge. Mafic to intermediate to felsic gneisses were intersected from 1.40 to 172.40m, with no obvious conductor. No samples were taken.

5.3.3 Summer 2006 Sigdal Drill Program

Two drill holes were proposed to test the Sigdal UTEM conductor (Figure 10), which had a modeled conductance of 665 Siemens and dimensions of approximately 150m by 50m. The UTEM conductor at Sigdal occurs immediately below the old mine workings (depth to top is 15m and the mine workings locally went to 10m). No historical drilling has taken place in this area, and therefore it was deemed a higher priority target.

Figure 10: Plan Map of Sigdal Drilling



Details of the 2006 Sigdal drilling are given below:

ER2006-13 *Line 9875N / 4864E* *Azimuth: 282°; Dip: -45°*

Drill hole ER2006-13 was proposed to test the centre of the 150m x 50m UTEM conductor on line 9875N. The drill hole intersected two distinct gabbroic bodies, one of which contained up to 45% net-textured pyrrhotite-chalcopyrite from 23.44m - 24.10m (0.66m). This intersection returned assay values of 0.62%Ni, 0.67%Cu, 0.06%Co and 17.4%S / 0.66m. The drill hole was completed at 74.25m within a gabbro.

ER2006-14 *Line 9750N / 4830E* *Azimuth: 282°; Dip: -45°*

Drill hole ER2006-14 was proposed to test the centre of the 150m x 50m UTEM conductor on line 9750N. The drill hole intersected mineralization from 36.10 - 43.05m (6.95m) within a gabbro, but mineralization was confined to microveinlets of pyrrhotite and chalcopyrite, with local disseminations approaching 6% sulphides. The drill hole was completed at a depth of 77.80m within a gabbro. No significant assay results were returned.

Table 2: Summary of Significant Intersections - 2006 Summer Drilling

Hole #	From	To	Length	Ni (%)	Cu (%)	Co (%)	S (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	Ag (g/t)
ER2006-01A	No significant results returned; hole lost										
ER2006-01B	39.82	41.14	1.32	2.25	0.62	0.13	31.8	0.02	0.1	0.04	3.4
ER2006-01B	64.40	71.44	7.04	1.12	0.67	0.07	16.1	0.02	0.07	0.09	6.3
ER2006-01B	116.70	121.68	4.98	0.79	0.86	0.05	12.2	0.02	0.04	0.11	7.5
ER2006-02	185.46	189.70	4.24	1.25	0.55	0.06	22.0	0.02	0.07	0.09	5.8
ER2006-03	185.65	187.95	2.30	1.29	0.22	0.10	22.0	<0.02	0.08	0.02	2.2
ER2006-04	181.85	183.09	1.24	1.47	0.98	0.10	29.0	0.06	0.1	0.09	11.4
ER2006-04	192.45	193.05	0.60	1.07	1.32	0.08	21.3	<0.02	0.04	0.19	18.2
ER2006-05	44.94	46.26	1.32	1.10	0.37	0.09	17.8	<0.02	0.08	0.05	2.7
ER2006-05	97.92	106.78	8.86	1.08	0.64	0.08	15.1	0.02	0.06	0.13	5.9
ER2006-05	199.70	201.00	1.30	0.71	1.37	0.05	14.8	<0.02	0.02	0.45	24.3
ER2006-05	207.36	208.70	1.34	1.03	2.31	0.08	19.2	0.14	0.05	0.38	21.0
ER2006-06A	No samples taken; hole broke through mine workings										
ER2006-06B	26.03	26.78	0.75	1.82	2.06	0.14	32.0	<0.02	0.05	0.1	8.6
ER2006-06B	289.95	309.85	19.90	1.90	1.76	0.11	28.3	0.05	0.13	0.17	10.5
ER2006-07	No samples taken										
ER2006-08	No samples taken										
ER2006-09	251.16	254.70	3.54	0.72	1.30	0.06	12.3	<0.02	0.03	0.20	10.9
Detection Limits:				0.05%	0.05%	0.02%	0.01%	0.02 g/t	0.02 g/t	0.02 g/t	0.50 g/t

Note: For weighted averages, half detection limit was used for those samples with elements below detection (e.g. <0.05% Ni → 0.025% Ni).

Table 2 (continued): Summary of Significant Intersections - 2006 Summer Drilling

Hole #	From	To	Length	Ni (%)	Cu (%)	Co (%)	S (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	Ag (g/t)
ER2006-10	217.00	217.60	0.60	1.25	0.88	0.10	18.6	0.03	0.09	0.32	7.1
ER2006-10	223.10	223.85	0.75	1.02	0.90	0.05	15.1	0.03	0.07	0.29	11.2
ER2006-10	230.05	230.60	0.55	1.43	0.26	0.09	20.7	0.02	0.14	0.11	4.9
ER2006-10	233.00	242.60	9.60	0.99	0.32	0.06	14.1	0.09	0.06	0.06	2.5
ER2006-11	No significant results returned										
ER2006-12	177.10	177.40	0.30	0.65	0.85	0.05	12.9	<0.02	0.12	0.05	4.1
ER2006-13	23.44	24.10	0.66	0.62	0.67	0.06	17.4	0.05	0.03	3.49	3.5
ER2006-13	35.55	36.00	0.45	0.94	0.88	0.04	11.0	<0.02	<0.02	0.05	4.0
ER2006-14	No significant results returned										
ER2006-15	No samples taken										
ER2006-16	No significant results returned										
ER2006-17	21.78	23.20	1.42	0.93	0.11	0.06	13.5	0.02	0.05	0.03	1.7
ER2006-17	132.70	133.43	0.73	2.02	0.74	0.12	28.7	0.02	0.15	0.10	6.1
ER2006-17	172.18	174.66	2.48	1.43	0.99	0.09	22.2	0.10	0.06	0.11	7.3
ER2006-18	142.55	152.35	9.80	1.05	0.76	0.09	20.4	0.02	0.09	0.06	7.6
ER2006-18	240.18	241.78	1.60	1.63	1.50	0.10	30.6	<0.02	0.11	0.19	15.1
ER2006-19	281.70	282.75	1.05	1.18	0.13	0.06	19.6	0.27	0.19	0.11	0.8
ER2006-19	345.30	345.77	0.47	1.40	3.02	0.10	28.0	0.49	0.35	0.48	33.4
ER2006-19	349.68	350.55	0.87	1.41	0.38	0.08	26.1	<0.02	0.12	0.08	5.6
ER2006-19	379.05	379.45	0.40	1.57	0.53	0.10	27.7	<0.02	0.07	0.05	9.7
ER2006-20	No samples taken										
ER2006-21	337.2	337.65	0.45	0.38	1.42	0.07	10.5	<0.02	0.05	0.12	15.3
Detection Limits:				0.05%	0.05%	0.02%	0.01%	0.02 g/t	0.02 g/t	0.02 g/t	0.50 g/t

Note: For weighted averages, half detection limit was used for those samples with elements below detection (e.g. <0.05% Ni → 0.025% Ni).

5.4 Results of the Borehole UTEM Surveys

A total of 1,910m of single component borehole UTEM data was collected in six holes by Lamontagne geophysics Ltd. at Ertelia. The borehole surveys were dominated by in-hole and in-hole edge type responses which correlate with interested mineralization. Modeling of the borehole and surface UTEM data is complex owing to the presence of multiple mineralized zones. Multiple conductive plates of varying size have been interpreted and an interval review by A. Watts was conducted. The BHUTEM data is summarized below in Table 3.

Table 3: Results of 2006 Ertelia Borehole UTEM Surveying - Phase 1 Drilling

Borehole	Line No.	Purpose of Hole	Borehole UTEM Results
ER2006-01B	L1650N	Re-collared up-dip cut of two holes proposed on L1650N to test 400m x 195m (480 siemen) surface UTEM anomaly.	a) Sharp in-hole response @ 40m correlates with 1.32m zone of mineralization between 39.82-41.14m (2.25% Ni, 0.62% Cu & 0.13% Co). b) Off-hole response @ 70m correlates with 7.04m zone of mineralization between 64.40-71.44m (1.12% Ni, 0.67% Cu & 0.07% Co). c) In-hole response @ 118m correlates with 4.98m zone of mineralization between 116.70-121.68m (0.79% Ni, 0.86% Cu & 0.05% Co).
ER2006-02	L1650N	Down-dip cut of two holes proposed on L1650N to test 400m x 195m (480 siemen) surface UTEM anomaly.	In-hole edge response @ 185m correlates with 4.24m zone of mineralization between 185.46-189.70m (1.25% Ni, 0.55% Cu & 0.06% Co).
ER2006-03	L1550N	Up-dip cut of two holes proposed on L1550N to test 400m x 195m (480 siemen) surface UTEM anomaly.	Off-hole response @ 190m correlates with 2.30m zone of mineralization intersected between 185.65-187.95m (1.29% Ni, 0.22% Cu & 0.10% Co).
ER2006-04	L1550N	Down-dip cut of two holes proposed on L1550N to test 400m x 195m (480 siemen) surface UTEM anomaly.	In-hole response @ 190m correlates with two zones of mineralization: 181.85-183.09m (1.24m): 1.47% Ni, 0.98% Cu & 0.10% Co 192.45-193.05m (0.60m): 1.07% Ni, 1.32% Cu & 0.08% Co

Borehole	Line No.	Purpose of Hole	Borehole UTEM Results
ER2006-05	L1750N	Up-dip cut of two holes proposed on L1750N to test 400m x 195m (480 siemen) surface UTEM anomaly.	a) Sharp off-hole response @ 68m. b) Sharp in-hole response @ 104m correlates with 8.86m zone of mineralization between 97.92-106.78m (1.08% Ni, 0.64% Cu & 0.08% Co). c) In-hole edge response @ 206m, correlates with three zones of mineralization: 199.70-201.00m (1.30m): 0.71% Ni, 1.37% Cu & 0.05% Co 207.36-208.70m (1.34m): 1.03% Ni, 2.31% Cu & 0.08% Co
ER2006-06B	L1750N	Re-collared down-dip cut of two holes proposed on L1750N to test 400m x 195m (480 siemen) surface UTEM anomaly.	In-hole response @ 296m correlates with 19.90m zone of mineralization between 289.95-309.85m (1.90% Ni, 1.76% Cu & 0.11% Co)

6.0 SUMMARY

The 2006 Ertelien Project drilling and borehole UTEM campaign was successful in identifying nickel sulphide mineralization at Ertelia. Nineteen drill holes (including 3 lost holes), totaling 4,804.30m, were drilled at the Ertelia mine and thirteen of these holes intersected nickel mineralization. Drilling indicated the presence of multiple zones of mineralization variably hosted within the gabbro-norite intrusion and also associated with the footwall gneiss contact. Hole to hole correlation of these zones is complex with the borehole UTEM data indicating multiple conductive plates of varying size. Clearly more drilling and borehole UTEM will be required to evaluate the size potential at Ertelia.

In addition to the Ertelia drilling, four holes (totaling 475.85m) were drilled to test two of the UTEM plates (Baksjö and Sigdal) outlined in the 2005 winter UTEM campaign (Blair, 2006). Both of these UTEM conductors warranted drillholes to test for a potential nickel mineralizing system proximal to and/or coincident with historical mining operations. Unfortunately, no significant mineralization was intersected within these holes and the decision to further test the upside potential of the Ertelia discovery with a deeper tier of holes was favoured.

Shortly before the writing of this report, Falconbridge Limited (and thus Sulfidmalm A/S) was acquired by Xstrata Plc. As a result, the company no longer has a mandate to carry out in-house, international greenfields exploration. Therefore, it is recommended that if further work is to be conducted on the Ertelien project it should be carried out under the operatorship of the joint venture partner, Blackstone Ventures Inc..

7.0 REFERENCES

Blair, T.B., 2006: 2006 Winter Geophysical Program, Ertelien Projects, Buskerud Fylke, Norway.
October, 2006, Falconbridge Limited for Sulfidmalm A/S, Toronto, Ontario, Canada.

APPENDIX A LIST OF FIELD PERSONNEL

Falconbridge Limited:	Patti Tirschmann Trevor Blair Josh Ulla	Senior Geologist Senior Project Geologist Core technician
Sulfidmalm A/S:	Lars Weiershäuser Finn Hansen	Field Geologist Project Logistics
Lamontagne Geophysics:	Robert Langridge John Frost	Senior Geophysicist/UTEM Operator UTEM Operator

APPENDIX B LOCAL GRID COORDINATE CONVERSION DATA

Common Coordinates between the local Ertelien Project grids and UTM WGS84 Zone 32N are as follows:

	<u>Easting</u>	<u>Northing</u>
Local Ertelia Drill Grid	0	0
Rotation	053°	
UTM WGS84 Zone 32N	558401.49	6657794.75
Local Langdalen Drill Grid (Baksjø)	0	0
Rotation	055°	
UTM WGS84 Zone 32N	558132.44	6665094.20
Local Sigdal Drill Grid	0	0
Rotation	102°	
UTM WGS84 Zone 32N	527000	6645000

Note: All the Ertelien Project grids are in the same coordinate system.

APPENDIX C

Drill Logs

DETAILED LOG

Hole Number: ER2006-01A

Units: METRIC

Project Name: Ertelien	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM84-32N	Collar Dip: -45.00
Project Number: 201	North: 6659653.99	North: 6659653.99	Collar Az: 53.00
Location: Surface	East: 558127.48	East: 558127.48	Length: 17.00
	Elev: 173.63	Elev: 173.63	Start Depth: 0.00
Date Started: Jun 03, 2006	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Jun 05, 2006	Multishot Survey: N	Hole Size: TT46	Core Storage:
Logged By: blair	Pulse EM Survey: N	Casing: Pulled	Final Depth: 17.00

Comments:

Sample Averages

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	0.55	C, Casing								
0.55	7.95	4, Anorthosite / Anorthositic Gabbro Coarse grained, plagioclase-rich, grey-white, highly brecciated anorthosite crosscut with >35% mm scale chlorite/biotite veinlets. The weathering profile for this interval is ~4.5m. The proportion of biotite-veining increases towards the lower contact. The lower contact of this unit is sharp at 35 tca. RQD 0.55 - 3.00 : 65.00 % RQD 100.00 % Core 3.00 - 6.00 : 52.00 % RQD 100.00 % Core 6.00 - 9.00 : 58.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-01A

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
7.95	17.00	7a, Gabbronorite Dark green to locally black, fine to medium grained, non- to weakly magnetic gabbronorite composed of 40-80% pyroxene and 20-60% plagioclase. Locally, brown to bronze mm scale pyroxenes are apparent (opx - bronzite?). This unit is highly sheared; 7.95-11.50m is an area of low angle (sub-parallel) shearing, within a more mafic interval. 11.05-11.25m: Anorthosite veinlet (upper contact at 30 tca, lower contact at 25 tca) which is garnet-bearing proximal to the upper and lower contacts. Trace pyrite. 11.50-17.00m: Interval with a higher percentage of plagioclase (40-60%) with altered regions (remanent pyroxenes altered to serpentine +- chlorite) rimmed with grey plagioclase (mm-scale). 13.70-14.10m: Anorthosite veinlet - highly brecciated/sheared veinlet with semi-angular fragments within a chloritic matrix. Vuggy and mm scale cubic pyrite occurs within this unit. The upper and lower contacts are at 10 and 30 tca, respectively. 17.00m: 1cm wide chlorite+serpentine-bearing fault gouge (semi-consolidated) at 10 degrees to the ca. The hole was lost as drillers could not advance the rods or ream. Mm scale pyrite occurs within the fault gouge. Structure 7.95 - 11.50 : S Shear, 10 Deg to CA Unit with low angle faulting/shearing 16.99 - 17.00 : F Fault, 10 Deg to CA MAJOR FAULT - hole lost within 1cm fault gouge RQD 9.00 - 12.00 : 40.00 % RQD 100.00 % Core 12.00 - 15.00 : 59.00 % RQD 100.00 % Core 15.00 - 17.00 : 44.00 % RQD 100.00 % Core Hole lost at 17m within fault	PG04288	13.00	14.00	1.00			0.0700	0.25
			PG04289	14.00	15.00	1.00			0.1000	0.80
			PG04290	15.00	16.00	1.00			0.0900	0.80



DETAILED LOG

Hole Number: ER2006-01B

Units: METRIC

Project Name: Ertelen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM84-32N	Collar Dip: -60.00
Project Number: 201	North: 6659672.34	North: 6659672.34	Collar Az: 53.00
Location: Surface	East: 558151.03	East: 558151.03	Length: 134.00
	Elev: 175.84	Elev: 175.84	Start Depth: 0.00
Date Started: Jun 14, 2006	Collar Survey: Y	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Jun 18, 2006	Multishot Survey: Y	Hole Size: TT46	Core Storage:
Logged By: larsw	Pulse EM Survey: Y	Casing: Left in Hole, capped	Final Depth: 134.00

Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	52.00	-60.08	Gyro	OK		3.00	53.56	-60.06	Gyro	OK	
6.00	51.52	-59.91	Gyro	OK		9.00	51.56	-59.96	Gyro	OK	
12.00	51.76	-60.01	Gyro	OK		15.00	53.07	-59.97	Gyro	OK	
18.00	51.86	-59.99	Gyro	OK		21.00	53.04	-60.18	Gyro	OK	
24.00	51.92	-60.17	Gyro	OK		27.00	54.92	-60.16	Gyro	OK	
30.00	54.47	-60.09	Gyro	OK		33.00	54.87	-59.98	Gyro	OK	
36.00	51.84	-60.05	Gyro	OK		39.00	52.38	-59.96	Gyro	OK	
42.00	54.67	-59.97	Gyro	OK		45.00	55.88	-59.92	Gyro	OK	
48.00	56.08	-60.02	Gyro	OK		51.00	53.93	-59.92	Gyro	OK	
54.00	55.17	-59.84	Gyro	OK		57.00	53.20	-59.85	Gyro	OK	
60.00	52.46	-59.81	Gyro	OK		63.00	55.94	-59.75	Gyro	OK	
66.00	55.61	-59.75	Gyro	OK		69.00	54.09	-59.75	Gyro	OK	
72.00	53.01	-59.86	Gyro	OK		75.00	50.44	-59.74	Gyro	OK	
78.00	50.56	-59.67	Gyro	OK		81.00	50.88	-59.63	Gyro	OK	
84.00	53.01	-59.78	Gyro	OK		87.00	52.53	-59.66	Gyro	OK	
90.00	53.10	-59.57	Gyro	OK		93.00	53.36	-59.54	Gyro	OK	
96.00	53.35	-59.60	Gyro	OK		99.00	57.35	-59.64	Gyro	OK	
102.00	56.96	-59.60	Gyro	OK							

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	0.48	C, Casing								

DETAILED LOG

Hole Number: ER2006-01B

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0.48	11.81	7a, Gabbronorite This unit consists of a dark gray, non-magnetic (mag-sus<2.5), on a meter-scale homogeneous, medium-grained gabbronorite. The main minerals are pyroxene and plagioclase in a ratio of ~65/35. Locally, individual pyroxene crystals are up to ~5mm in size. The unit is cut by a coarse-grained quartz ?vein? at 13.86- 14.40m; the upper contact is brecciated at 35 degrees tca, the lower contact is sharp at 65 degrees tca. The unit is cut by serpentinized shears; see structure for details. The unit contains ca. 1% disseminated po throughout. Structure 5.38 - 5.40 : S Shear, 15 Deg to CA serpentinized RQD 0.48 - 3.00 : 68.00 % RQD 100.00 % Core 3.00 - 6.00 : 30.00 % RQD 100.00 % Core 6.00 - 9.00 : 28.00 % RQD 100.00 % Core 9.00 - 12.00 : 43.00 % RQD 100.00 % Core	PG04204	0.48	2.00	1.52			0.1000	0.25
			PG04205	2.00	3.50	1.50			0.0800	0.70
			PG04206	4.50	6.00	1.50			0.1000	0.70
			PG04207	6.00	7.50	1.50			0.0900	0.70
			PG04208	7.50	9.00	1.50			0.0700	0.60
			PG04209	9.00	10.50	1.50			0.0700	0.60
			PG04210	10.50	11.80	1.30			0.0800	0.90
11.81	14.52	4, Anorthosite / Anorthositic Gabbro White, very coarse grained anorthosite with ~5% light beige sugary quartz and thin, sub mm-scale chlorite/biotite veinlets. This unit is non-magnetic (mag-sus<0.15). The unit is homogeneous and not mineralized. The upper contact is brecciated over ~5cm. RQD 12.00 - 15.00 : 96.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-01B

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
14.52	39.82	7a, Gabbronorite This unit consists of a dark gray, non-magnetic (mag-sus <9), homogeneous, medium-grained pyroxene and plagioclase (60/40%) bearing gabbronorite. Bronze-colored orthopyroxenes are characteristic in drill core. Locally, plagioclase-rich zones of up to ~50cm in size appear light gray; small faults and shear zones seem to be more prevalent in plagioclase-rich zones. This unit is pervasively po mineralized (~1%); locally, cpy can be found as well. Semi-massive sulfide at: 34.43 - 34.48m. 3 - 5% po between 34.50 - 38.00m. See "Mineralization" for more detail. Structure 23.25 - 23.26 : S Shear, 35 Deg to CA py mineralized 36.15 - 36.16 : S Shear, 40 Deg to CA 37.95 - 37.96 : S Shear, 40 Deg to CA RQD 15.00 - 18.00 : 93.00 % RQD 100.00 % Core 18.00 - 21.00 : 76.00 % RQD 100.00 % Core 21.00 - 24.00 : 71.00 % RQD 100.00 % Core 24.00 - 27.00 : 83.00 % RQD 100.00 % Core 27.00 - 30.00 : 68.00 % RQD 100.00 % Core 30.00 - 33.00 : 79.00 % RQD 100.00 % Core 33.00 - 36.00 : 83.00 % RQD 100.00 % Core 36.00 - 39.00 : 80.00 % RQD 100.00 % Core 39.00 - 42.00 : 73.00 % RQD 100.00 % Core	PG04211	14.52	16.00	1.48			0.0900	1.00
			PG04212	16.00	17.50	1.50			0.0800	0.70
			PG04213	17.50	19.00	1.50			0.0700	0.70
			PG04214	19.00	20.50	1.50			0.1100	1.10
			PG04215	20.50	22.00	1.50			0.1300	1.30
			PG04216	22.00	23.50	1.50			0.1200	1.10
			PG04217	23.50	25.00	1.50			0.1200	1.00
			PG04218	25.00	26.50	1.50			0.1500	1.40
			PG04219	26.50	28.00	1.50			0.1200	1.40
			PG04220	28.00	29.50	1.50			0.0900	1.00
			PG04221	29.50	31.00	1.50			0.1200	1.20
			PG04222	31.00	32.50	1.50			0.2000	2.60
			PG04223	32.50	34.00	1.50			0.1900	1.90
			PG04224	34.00	35.50	1.50			0.2500	2.00
			PG04226	35.50	37.00	1.50			0.1900	1.60
			PG04227	37.00	38.50	1.50			0.0900	1.00
			PG04228	38.50	39.82	1.32			0.3400	3.20
39.82	41.14	MS, MASSIVE SULPHIDE (>75%) Coarse-grained, homogeneous massive sulfide with ~95%po, and ~1%cpy. The upper and lower contacts are sharp at 75 and 70 degrees respectively. The conductance on the uncut core is 1600 - 4500 S. The unit contains rounded wall rock fragments. No visible pn.	PG04229	39.82	41.14	1.32			0.6200	3.40



DETAILED LOG

Hole Number: ER2006-01B

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
41.14	105.70	7a, Gabbronorite	PG04230	41.14	42.50	1.36			0.0900	0.80
		This unit consists of a dark gray, fine- to medium-grained, non-magnetic. On a meter scale homogeneous gabbronorite with about 50% pyroxene and 50% plagioclase. Large, distinct bronzite crystals can be up to ~1cm in size.	PG04231	42.50	44.00	1.50			0.0800	1.20
			PG04232	44.00	45.50	1.50			0.0900	0.80
			PG04233	45.50	47.00	1.50			0.1800	1.70
			PG04234	47.50	48.50	1.00			0.1500	1.70
		The unit is pervasively mineralized (mainly po, minor cpy and py); locally, the mineralization is patchy. In these areas the host rock is coarse-grained. The unit is strongly mineralized between 64.40m and 71.44m with 15% - 60% sulfides. See "Mineralization" for more detail.	PG04235	48.50	50.00	1.50			0.0500	0.90
			PG04236	50.00	51.50	1.50			0.0900	1.20
			PG04237	51.50	53.00	1.50			0.1900	2.30
		80.40m - 80.76m: quartz-feldspar vein with blotchy pyroxene aggregates in the upper half; the lower half is chlorite-rich.	PG04238	53.00	54.00	1.00			0.0600	0.60
			PG04239	54.00	55.50	1.50			0.0800	1.10
		The unit is garnet-bearing between 102.09m and 102.26m with ~5% garnet in cm-scale clusters.	PG04240	55.50	57.00	1.50			0.0800	1.00
			PG04241	57.00	58.50	1.50			0.4100	5.20
			PG04242	58.50	60.00	1.50			0.0250	0.25
		The lower contact of this unit is sharp at 50 degrees tca.	PG04243	60.00	61.50	1.50			0.1100	1.30
		Structure	PG04244	61.50	63.00	1.50			0.1300	1.70
		67.70 - 67.71 : F Fault, 55 Deg to CA	PG04245	63.00	64.40	1.40			0.1300	1.60
		At 67.70m, fault gouge at 55 tca. +/-15cm on either side is broken core.	PG04246	64.40	65.30	.90			0.2300	4.20
		69.50 - 69.90	PG04247	65.30	66.65	1.35			0.6200	6.80
		Broken core with pyrite-healed fractures. Core angle difficult to determine	PG04248	66.65	67.85	1.20			0.9000	8.90
		70.30 - 70.55 : S Shear, 80 Deg to CA	PG04249	67.85	69.35	1.50			1.2300	9.10
		Pyrite-healed fractures (75-90 tca).	PG04251	69.35	70.85	1.50			0.3400	3.20
		79.80 - 79.81 : S Shear, 20 Deg to CA	PG04252	70.85	71.44	.59			0.4300	3.20
		80.40 - 80.76 : S1 1st Foliation, 65 Deg to CA	PG04253	71.44	73.00	1.56			0.6900	4.70
		93.36 - 93.46 : S Shear, 25 Deg to CA	PG04254	73.00	74.50	1.50			0.2300	2.00
		105.60 - 105.70 : LC Lower Contact, 50 Deg to CA	PG04255	74.50	76.00	1.50			0.4000	4.00
		RQD	PG04256	76.00	77.50	1.50			0.0250	0.25
		42.00 - 45.00 : 72.00 % RQD 100.00 % Core	PG04257	77.50	79.00	1.50			0.1800	2.00
		45.00 - 48.00 : 67.00 % RQD 100.00 % Core	PG04258	79.00	80.00	1.00			0.0600	0.80
		48.00 - 51.00 : 77.00 % RQD 100.00 % Core	PG04259	80.00	81.00	1.00			0.0250	0.25
		51.00 - 54.00 : 77.00 % RQD 100.00 % Core	PG04260	81.00	82.00	1.00			0.0250	0.25
		54.00 - 57.00 : 93.00 % RQD 100.00 % Core	PG04261	82.00	83.00	1.00			0.0250	0.25
		57.00 - 60.00 : 77.00 % RQD 100.00 % Core	PG04262	83.00	84.00	1.00			0.0250	0.25
		60.00 - 63.00 : 100.00 % RQD 100.00 % Core	PG04263	84.00	85.00	1.00			0.0800	0.90
		63.00 - 66.00 : 91.00 % RQD 100.00 % Core	PG04264	85.00	86.00	1.00			0.0250	0.25
		66.00 - 69.00 : 83.00 % RQD 100.00 % Core	PG04265	86.00	87.00	1.00			0.0250	0.25
		69.00 - 72.00 : 47.00 % RQD 100.00 % Core	PG04266	87.00	88.00	1.00			0.0250	0.25
		72.00 - 75.00 : 68.00 % RQD 100.00 % Core	PG04267	88.00	89.00	1.00			0.0700	0.80
		75.00 - 78.00 : 77.00 % RQD 100.00 % Core	PG04268	101.00	102.00	1.00			0.0250	0.25
		78.00 - 81.00 : 77.00 % RQD 100.00 % Core	PG04269	102.00	103.00	1.00			0.0250	0.25
		81.00 - 84.00 : 69.00 % RQD 100.00 % Core	PG04270	103.00	104.00	1.00			0.0800	0.70
		84.00 - 87.00 : 79.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-01B

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD	PG04271	104.00	105.00	1.00			0.0250	0.60
		87.00 - 90.00 : 96.00 % RQD 100.00 % Core	PG04272	105.00	105.70	.70			0.0700	1.00
		90.00 - 93.00 : 95.00 % RQD 100.00 % Core								
		93.00 - 96.00 : 76.00 % RQD 100.00 % Core								
		96.00 - 99.00 : 97.00 % RQD 100.00 % Core								
		99.00 - 102.00 : 82.00 % RQD 100.00 % Core								
		102.00 - 105.00 : 96.00 % RQD 100.00 % Core								
		105.00 - 108.00 : 81.00 % RQD 100.00 % Core								
105.70	134.00	5, Undivided Metasediments	PG04273	105.70	107.00	1.30			0.0900	1.20
		This unit consists of a gray to reddish beige intermediate gneiss with variable mineralogy, containing up to ~40% fine-grained garnet as well as plagioclase, and mafic minerals. The rock is variably foliated with rapidly changing foliation angles. The unit is variably magnetic, depending on the mineralization.	PG04274	107.00	108.00	1.00			0.0250	0.25
			PG04276	114.00	115.00	1.00			0.0250	1.20
			PG04277	115.00	115.87	.87			0.1000	1.60
			PG04278	115.87	116.28	.41			0.7300	9.40
			PG04279	116.28	116.70	.42			0.0800	1.20
		The hole was shut down at 134.00m when an unknown historic mine opening was intersected.	PG04280	116.70	117.19	.49			2.3800	16.90
			PG04281	117.19	117.70	.51			0.1100	1.50
		This unit is variably mineralized, see "Mineralization" for more detail.	PG04282	117.70	118.48	.78			1.8300	15.10
		RQD	PG04283	118.48	119.00	.52			0.3300	4.20
		108.00 - 111.00 : 61.00 % RQD 100.00 % Core	PG04284	119.00	119.34	.34			0.5000	6.00
		111.00 - 114.00 : 65.00 % RQD 100.00 % Core	PG04285	119.34	120.84	1.50			0.4600	4.00
		114.00 - 117.00 : 90.00 % RQD 100.00 % Core	PG04286	120.84	121.68	.84			0.7000	7.70
		117.00 - 120.00 : 97.00 % RQD 100.00 % Core	PG04287	121.68	123.00	1.32			0.0250	0.25
		120.00 - 123.00 : 67.00 % RQD 100.00 % Core								
		123.00 - 126.00 : 87.00 % RQD 100.00 % Core								
		126.00 - 129.00 : 91.00 % RQD 100.00 % Core								
		129.00 - 132.00 : 97.00 % RQD 100.00 % Core								
		132.00 - 134.00 : 75.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-02

Units: METRIC

Project Name: Ertelen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM84-32N	Collar Dip: -75.00
Project Number: 201	North: 6659653.79	North: 6659653.79	Collar Az: 53.00
Location: Surface	East: 558127.28	East: 558127.28	Length: 213.80
	Elev: 173.63	Elev: 173.63	Start Depth: 0.00
Date Started: Jun 05, 2006	Collar Survey: Y	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Jun 14, 2006	Multishot Survey: Y	Hole Size: TT46	Core Storage:
Logged By: larsw	Pulse EM Survey: Y	Casing: Left in Hole, capped	Final Depth: 213.80

Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	43.37	-75.07	Gyro	OK		3.00	43.88	-74.63	Gyro	OK	
6.00	44.95	-74.68	Gyro	OK		9.00	45.25	-74.71	Gyro	OK	
12.00	44.38	-74.78	Gyro	OK		15.00	43.99	-74.75	Gyro	OK	
18.00	43.36	-74.76	Gyro	OK		21.00	45.75	-74.72	Gyro	OK	
24.00	44.87	-74.72	Gyro	OK		27.00	44.22	-74.73	Gyro	OK	
30.00	44.25	-74.77	Gyro	OK		33.00	44.97	-74.73	Gyro	OK	
36.00	44.87	-74.78	Gyro	OK		39.00	45.15	-74.73	Gyro	OK	
42.00	45.12	-74.68	Gyro	OK		45.00	45.95	-74.68	Gyro	OK	
48.00	43.79	-74.63	Gyro	OK		51.00	46.14	-74.62	Gyro	OK	
54.00	46.16	-74.60	Gyro	OK		57.00	46.26	-74.33	Gyro	OK	
63.00	46.79	-74.58	Gyro	OK		66.00	46.40	-74.55	Gyro	OK	
69.00	47.50	-74.53	Gyro	OK		72.00	45.14	-74.51	Gyro	OK	
75.00	44.85	-74.47	Gyro	OK		78.00	46.02	-74.46	Gyro	OK	
81.00	48.07	-74.48	Gyro	OK		84.00	49.38	-74.51	Gyro	OK	
87.00	48.87	-74.53	Gyro	OK		90.00	48.57	-74.57	Gyro	OK	
93.00	48.80	-74.53	Gyro	OK		96.00	48.43	-74.64	Gyro	OK	
99.00	48.61	-74.59	Gyro	OK		102.00	47.66	-74.62	Gyro	OK	
105.00	47.90	-74.64	Gyro	OK		108.00	48.65	-74.60	Gyro	OK	
111.00	48.34	-74.58	Gyro	OK		114.00	48.26	-74.54	Gyro	OK	
117.00	48.18	-74.53	Gyro	OK		120.00	47.09	-74.56	Gyro	OK	
123.00	47.70	-74.47	Gyro	OK		126.00	50.10	-74.49	Gyro	OK	
129.00	48.32	-74.67	Gyro	OK		132.00	49.28	-74.65	Gyro	OK	
135.00	48.65	-74.59	Gyro	OK		138.00	50.48	-74.58	Gyro	OK	
141.00	51.32	-74.55	Gyro	OK		144.00	50.14	-74.61	Gyro	OK	
147.00	51.12	-74.65	Gyro	OK		150.00	49.58	-74.71	Gyro	OK	

DETAILED LOG

Hole Number: ER2006-02

Units: METRIC

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
153.00	51.09	-74.70	Gyro	OK		156.00	51.28	-74.48	Gyro	OK	
159.00	51.06	-74.30	Gyro	OK		162.00	50.06	-74.21	Gyro	OK	
165.00	52.80	-74.30	Gyro	OK		168.00	53.30	-74.33	Gyro	OK	
171.00	51.79	-74.23	Gyro	OK		174.00	52.60	-74.12	Gyro	OK	
177.00	53.84	-74.19	Gyro	OK		180.00	55.01	-74.24	Gyro	OK	
183.00	53.82	-74.27	Gyro	OK		186.00	55.28	-74.25	Gyro	OK	
189.00	55.66	-74.34	Gyro	OK		192.00	55.37	-74.29	Gyro	OK	
195.00	54.96	-74.27	Gyro	OK		198.00	55.46	-74.31	Gyro	OK	

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	4.30	4, Anorthosite / Anorthositic Gabbro Qz-bearing anorthosite, brecciated with abundant ?chlorite and/or biotite in fracture network. The unit is medium grained, non-magnetic (mag-sus<0.1) and white to light gray with black fracture/joint fillings. Locally, deformed biotite "veins". The lower contact is brecciated. This unit is not mineralized. RQD 0.00 - 3.00 : 43.00 % RQD 100.00 % Core 3.00 - 6.00 : 86.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-02

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
4.30	185.46	7a, Gabbronorite This thick unit consists of a dark gray, locally mottled gabbronorite with variable magnetic susceptibility up to ~10. The main minerals are pyroxene (opx and cpx) and plagioclase with a ratio of ~50/50. This ratio is somewhat variable. ?Bronzite locally forms large crystals up to ~1.5cm in diameter which exhibit a characteristic sheen in drillcore. Local garnets are common as are serpentine and talc, especially along faults, shears/joints. The unit is homogeneous on a meter scale, but changes in grain size, and ratios of pyroxene to plagioclase can be observed. The rock is commonly not foliated, only very locally a weak to moderate foliation occurs. The unit is cut by numerous faults/joint/shears that are commonly up to ~1.5cm wide and filled by serpentine and talc. Commonly, the structures are at ~10 - 35 degrees tca. This unit is pervasively mineralized with trace to ~2% sulfides. Po and py are most common, but cpy can be found as well. Mineralization occurs as mm-scale dissemination, interstitial blebs and fine grained wispy aggregates. Locally, thin po/py veins occur. Commonly, sulfides appear to be remobilized. 57 - 69m: distinct mm-scale pyroxenes in medium-gray gabbroic matrix with trace to minor wispy and blebby po and py mineralization. 60 - 79m: inhomogeneous in grain size. 76.6 - 77.25m: fault with only 20cm core recovery 88.5 - 90.25m: numerous quartzofeldspathic veins 88.87 - 89.25m: coarse grained pyroxenitic section 108 - 109.5m: large bronzite crystals in hanging and footwall to quartzofeldspathic vein Structure 65.15 - 65.16 : S Shear, 25 Deg to CA serpentinized 68.56 - 68.57 : S Shear, 80 Deg to CA 73.94 - 73.95 : S Shear, 60 Deg to CA 76.54 - 77.25 only 20cm core recovery 78.64 - 78.65 : S Shear, 30 Deg to CA 94.75 - 94.76 : S Shear, 30 Deg to CA serpentinized 96.15 - 96.16 : S Shear, 30 Deg to CA serpentinized 118.00 - 119.00 : S1 1st Foliation, 65 Deg to CA 153.99 - 154.00 : S Shear, 20 Deg to CA serpentinized 169.20 - 169.25 : F Fault, 50 Deg to CA 175.00 - 175.02 : F Fault, 7 Deg to CA	PG04180	4.30	5.00	.70			0.1700	0.80
			PG04181	5.00	6.00	1.00			0.1100	0.60
			PG04182	6.00	7.00	1.00			0.3200	1.70
			PG04183	7.00	8.00	1.00			0.1500	0.90
			PG04184	8.00	9.00	1.00			0.1000	0.70
			PG04185	9.00	10.00	1.00			0.0900	0.50
			PG04186	10.00	11.00	1.00			0.0900	0.25
			PG04187	11.00	12.00	1.00			0.0700	0.50
			PG04188	12.00	13.00	1.00			0.1100	0.80
			PG04189	13.00	14.00	1.00			0.0800	0.25
			PG04190	14.00	15.00	1.00			0.0600	0.25
			PG04191	15.00	16.00	1.00			0.0800	0.50
			PG04192	16.00	17.00	1.00			0.0250	0.25
			PG04193	17.00	18.00	1.00			0.0250	0.25
			PG04194	18.00	19.00	1.00			0.0600	0.25
			PG04195	19.00	19.50	.50			0.1100	0.80
			PG04051	19.50	20.50	1.00			0.1300	0.50
			PG04052	20.50	21.50	1.00			0.1400	0.70
			PG04053	21.50	22.50	1.00			0.0900	0.25
			PG04054	39.96	41.26	1.30			0.0250	0.25
			PG04055	41.26	41.76	.50			0.0900	0.25
			PG04056	41.76	43.00	1.24			0.0250	0.25
			PG04057	51.00	52.00	1.00			0.0900	0.25
			PG04058	52.00	52.63	.63			0.0600	0.25
			PG04059	52.63	53.37	.74			0.1000	0.60
			PG04060	53.37	54.56	1.19			0.1100	0.60
			PG04061	54.56	55.44	.88			0.1400	1.20
			PG04062	55.44	56.51	1.07			0.0700	0.25
			PG04063	62.00	63.00	1.00			0.0800	0.60
			PG04064	63.00	64.00	1.00			0.0800	0.60
			PG04065	64.00	65.00	1.00			0.0900	0.60
			PG04066	65.00	66.00	1.00			0.1100	0.80
			PG04067	70.00	71.00	1.00			0.0900	0.60
			PG04068	71.00	72.00	1.00			0.1900	1.80
			PG04069	72.00	73.00	1.00			0.1500	1.10
			PG04070	73.00	74.00	1.00			0.2800	2.30
			PG04071	74.00	75.00	1.00			0.1400	1.20
			PG04072	75.00	76.00	1.00			0.0250	0.50
			PG04073	76.00	77.00	1.00			0.1100	0.80
			PG04074	77.00	78.00	1.00			0.0800	0.80

DETAILED LOG

Hole Number: ER2006-02

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		Structure	PG04076	78.00	79.00	1.00			0.3000	2.20
		175.55 - 175.56 : S Shear, 30 Deg to CA	PG04077	79.00	80.00	1.00			0.0800	0.60
		serpentinized	PG04078	80.00	81.00	1.00			0.1900	1.40
		178.04 - 178.05 : F Fault, 10 Deg to CA	PG04079	81.00	82.00	1.00			0.1300	1.10
		chloritized	PG04080	82.00	83.00	1.00			0.1000	1.00
		RQD	PG04081	83.00	83.75	.75			0.0800	0.90
6.00	9.00	: 96.00 % RQD 100.00 % Core	PG04082	83.75	85.00	1.25			0.1800	1.60
9.00	12.00	: 76.00 % RQD 100.00 % Core	PG04083	85.00	86.00	1.00			0.0600	0.50
12.00	15.00	: 95.00 % RQD 100.00 % Core	PG04084	86.00	86.35	.35			0.0250	0.25
15.00	18.00	: 79.00 % RQD 100.00 % Core	PG04085	86.35	87.67	1.32			0.0250	0.50
18.00	21.00	: 68.00 % RQD 100.00 % Core	PG04086	87.67	88.00	.33			0.1500	1.20
21.00	24.00	: 84.00 % RQD 100.00 % Core	PG04087	88.00	88.87	.87			0.0250	0.25
24.00	27.00	: 90.00 % RQD 100.00 % Core	PG04088	88.87	89.25	.38			0.1400	1.00
27.00	30.00	: 70.00 % RQD 100.00 % Core	PG04089	89.25	90.32	1.07			0.1000	0.70
30.00	33.00	: 58.00 % RQD 100.00 % Core	PG04090	98.00	99.25	1.25			0.0500	0.25
33.00	36.00	: 76.00 % RQD 100.00 % Core	PG04091	99.25	99.65	.40			0.0500	0.25
36.00	39.00	: 88.00 % RQD 100.00 % Core	PG04092	99.65	100.49	.84			0.0250	0.25
39.00	42.00	: 80.00 % RQD 100.00 % Core	PG04093	100.49	101.00	.51			0.0800	0.25
42.00	45.00	: 72.00 % RQD 100.00 % Core	PG04094	101.00	101.69	.69			0.0250	0.25
45.00	48.00	: 90.00 % RQD 100.00 % Core	PG04095	101.69	102.00	.31			0.0250	0.25
48.00	51.00	: 68.00 % RQD 100.00 % Core	PG04096	102.00	103.00	1.00			0.0250	0.25
51.00	54.00	: 83.00 % RQD 100.00 % Core	PG04097	118.00	119.00	1.00			0.0500	0.25
54.00	57.00	: 63.00 % RQD 100.00 % Core	PG04098	119.00	120.00	1.00			0.0700	0.50
57.00	60.00	: 68.00 % RQD 100.00 % Core	PG04099	120.00	121.55	1.55			0.0700	0.25
60.00	63.00	: 71.00 % RQD 100.00 % Core	PG04101	121.55	123.00	1.45			0.1000	0.90
63.00	66.00	: 77.00 % RQD 100.00 % Core	PG04102	123.00	123.77	.77			0.0700	0.60
66.00	69.00	: 71.00 % RQD 100.00 % Core	PG04103	123.77	125.00	1.23			0.0700	0.60
69.00	72.00	: 73.00 % RQD 100.00 % Core	PG04104	125.00	126.00	1.00			0.0700	0.70
72.00	75.00	: 82.00 % RQD 100.00 % Core	PG04105	126.00	127.00	1.00			0.0250	0.25
75.00	78.00	: 81.00 % RQD 100.00 % Core	PG04106	127.00	128.00	1.00			0.0600	0.50
78.00	81.00	: 78.00 % RQD 69.00 % Core	PG04107	128.00	129.00	1.00			0.0250	0.60
81.00	84.00	: 95.00 % RQD 100.00 % Core	PG04108	129.00	130.00	1.00			0.0250	0.25
84.00	87.00	: 92.00 % RQD 100.00 % Core	PG04109	130.00	131.00	1.00			0.0500	0.25
87.00	90.00	: 82.00 % RQD 100.00 % Core	PG04110	131.00	132.00	1.00			0.0600	0.60
90.00	93.00	: 74.00 % RQD 100.00 % Core	PG04111	132.00	133.00	1.00			0.0250	0.60
93.00	96.00	: 78.00 % RQD 100.00 % Core	PG04112	133.00	134.00	1.00			0.0600	0.50
96.00	99.00	: 89.00 % RQD 100.00 % Core	PG04113	134.00	135.00	1.00			0.0250	0.25
99.00	102.00	: 91.00 % RQD 100.00 % Core	PG04114	135.00	136.00	1.00			0.0250	0.25
102.00	105.00	: 86.00 % RQD 100.00 % Core	PG04115	136.00	137.00	1.00			0.0500	0.70
			PG04116	137.00	138.00	1.00			0.0250	0.25

DETAILED LOG

Hole Number: ER2006-02

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD	PG04117	138.00	139.00	1.00			0.0250	0.25
		105.00 - 108.00 : 74.00 % RQD 100.00 % Core	PG04118	139.00	140.00	1.00			0.0250	0.25
		108.00 - 111.00 : 75.00 % RQD 100.00 % Core	PG04119	140.00	141.00	1.00			0.0250	0.25
		111.00 - 114.00 : 85.00 % RQD 100.00 % Core	PG04120	141.00	142.00	1.00			0.0600	0.25
		114.00 - 117.00 : 72.00 % RQD 100.00 % Core	PG04121	155.75	157.00	1.25			0.0800	0.70
		117.00 - 120.00 : 80.00 % RQD 100.00 % Core	PG04122	157.00	158.00	1.00			0.0700	0.50
		120.00 - 123.00 : 91.00 % RQD 100.00 % Core	PG04123	158.00	159.00	1.00			0.0800	0.60
		123.00 - 126.00 : 70.00 % RQD 100.00 % Core	PG04124	159.00	160.00	1.00			0.0600	0.60
		126.00 - 129.00 : 94.00 % RQD 100.00 % Core	PG04126	160.00	161.00	1.00			0.0900	0.80
		129.00 - 132.00 : 82.00 % RQD 100.00 % Core	PG04127	161.00	162.00	1.00			0.1100	0.80
		132.00 - 135.00 : 98.00 % RQD 100.00 % Core	PG04128	162.00	163.00	1.00			0.0700	0.25
		135.00 - 138.00 : 82.00 % RQD 100.00 % Core	PG04129	163.00	164.00	1.00			0.0250	0.25
		138.00 - 141.00 : 91.00 % RQD 100.00 % Core	PG04130	164.00	165.00	1.00			0.0250	0.25
		141.00 - 144.00 : 73.00 % RQD 100.00 % Core	PG04131	165.00	166.00	1.00			0.0250	0.25
		144.00 - 147.00 : 68.00 % RQD 100.00 % Core	PG04132	166.00	167.00	1.00			0.1000	1.10
		147.00 - 150.00 : 56.00 % RQD 100.00 % Core	PG04133	167.00	168.00	1.00			0.0250	0.25
		150.00 - 153.00 : 16.00 % RQD 90.00 % Core	PG04134	168.00	169.00	1.00			0.0250	0.25
		153.00 - 156.00 : 73.00 % RQD 100.00 % Core	PG04135	169.00	170.00	1.00			0.0250	0.25
		156.00 - 159.00 : 61.00 % RQD 100.00 % Core	PG04136	170.00	170.43	43			0.0250	0.25
		159.00 - 162.00 : 79.00 % RQD 100.00 % Core	PG04137	170.43	171.05	62			0.0250	0.25
		162.00 - 165.00 : 60.00 % RQD 100.00 % Core	PG04138	171.05	172.00	95			0.0250	0.50
		165.00 - 168.00 : 93.00 % RQD 100.00 % Core	PG04139	172.00	172.30	30			0.0250	0.50
		168.00 - 171.00 : 88.00 % RQD 100.00 % Core	PG04140	172.30	172.61	31			0.0250	0.25
		171.00 - 174.00 : 46.00 % RQD 100.00 % Core	PG04141	172.61	173.00	39			0.0250	0.25
		174.00 - 177.00 : 52.00 % RQD 100.00 % Core	PG04142	173.00	174.00	1.00			0.0250	0.25
		177.00 - 180.00 : 76.00 % RQD 100.00 % Core	PG04143	174.00	175.00	1.00			0.0250	0.25
		180.00 - 183.00 : 63.00 % RQD 100.00 % Core	PG04144	175.00	176.00	1.00			0.0250	0.60
		183.00 - 186.00 : 57.00 % RQD 100.00 % Core	PG04145	176.00	177.00	1.00			0.0800	0.90
			PG04146	177.00	178.00	1.00			0.0700	0.80
			PG04147	178.00	179.00	1.00			0.0250	0.25
			PG04148	179.00	180.00	1.00			0.0250	0.25
			PG04149	180.00	181.00	1.00			0.0250	0.70
			PG04151	181.00	182.00	1.00			0.0800	1.00
			PG04152	182.00	183.00	1.00			0.0500	0.60
			PG04153	183.00	184.00	1.00			0.0250	0.60
			PG04154	184.00	185.00	1.00			0.1300	1.80
			PG04155	185.00	185.46	46			0.1000	1.20
		MINOR INTERVALS:								
		Minor Interval:								
		147.38 - 155.75 5, Undivided Metasediments								
		Dark gray, moderately to strongly magnetic (mag-sus up to 30)								
		homogeneous intermediate to mafic gneiss. Main minerals are pyroxene,								
		possibly amphiboles and plagioclase. Quartz occurs where the rock is								
		more felsic. Garnet accounts for up to ~2%. A fine-grained dark gray								
		mineral is likely magnetite.								
		The unit is generally fine-grained and locally well-foliated								
		At 150m the core is very broken, likely indicating a fault.								
		This unit contains trace sulfide mineralization								



DETAILED LOG

Hole Number: ER2006-02

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
185.46	189.06	MS, MASSIVE SULPHIDE (>75%) This unit contains ~ 90% sulfides of which about 95% is po; the remainder is cpy, py, and possibly pn. The hanging wall and footwall are characterized by 1 - 5cm massive cpy. Black host rock fragments up to ~1.5cm in diameter occur within the sulfide matrix. The sulfides are fine grained. Two essentially barren sections occur from 187.17 - 187.79m and from 189.06 - 189.46m. Mag-sus reaches 70, conductivity up to 9000S on cut core. RQD 186.00 - 189.00 : 44.00 % RQD 100.00 % Core 189.00 - 192.00 : 37.00 % RQD 100.00 % Core	PG04156	185.46	186.00	54			1.1100	8.20
			PG04157	186.00	187.19	1.19			0.2300	2.10
			PG04158	187.19	187.72	53			0.1600	1.70
			PG04159	187.72	189.06	1.34			0.2300	2.80

DETAILED LOG

Hole Number: ER2006-02

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
189.06	213.80	7a, Gabbronorite This thick unit consists of a dark gray, locally mottled gabbronorite with variable magnetic susceptibility up to ~10. The main minerals are pyroxene (opx and cpx) and plagioclase with a ratio of ~50/50. This ratio is somewhat variable. ?Bronzite locally forms large crystals up to ~1.5cm in diameter which exhibit a characteristic sheen in drillcore. Local garnets are common as are serpentine and talc, especially along faults, shears/joints. The unit is homogeneous on a meter scale, but changes in grain size, and ratios of pyroxene to plagioclase can be observed. The rock is commonly not foliated, only very locally a weak to moderate foliation occurs. The unit is cut by numerous faults/joint/shears that are commonly up to ~1.5cm wide and filled by serpentine and talc. Commonly, the structures are at ~10 - 35 degrees tca. This unit is pervasively mineralized with trace to ~2% sulfides. Po and py are most common, but cpy can be found as well. Mineralization occurs as mm-scale dissemination, interstitial blebs and fine grained wispy aggregates. Locally, thin po/py veins occur. Commonly, sulfides appear to be remobilized. 199.50 - 200.25m: fault no core recovery; UC at 30 degrees tca with 1.5cm massive py in immediate hanging wall; LC is broken 204.00 - 210.66m: distinctly coarser grained Structure 191.75 - 191.76 : S Shear, 20 Deg to CA 206.80 - 207.00 : S Shear, 22 Deg to CA serpentinized 210.65 - 210.66 : F Fault, 30 Deg to CA RQD 192.00 - 195.00 : 73.00 % RQD 100.00 % Core 195.00 - 198.00 : 57.00 % RQD 100.00 % Core 198.00 - 201.00 : 14.00 % RQD 100.00 % Core 201.00 - 204.00 : 50.00 % RQD 100.00 % Core 204.00 - 207.00 : 91.00 % RQD 100.00 % Core 207.00 - 210.00 : 69.00 % RQD 100.00 % Core 210.00 - 213.80 : 56.00 % RQD 100.00 % Core	PG04160	189.06	189.38	.32			0.0900	1.10
			PG04161	189.38	189.70	.32			3.2300	38.90
			PG04162	189.70	191.00	1.30			0.1000	1.40
			PG04163	191.00	192.00	1.00			0.0600	1.20
			PG04164	192.00	193.00	1.00			0.0600	1.10
			PG04165	193.00	194.00	1.00			0.1600	2.70
			PG04166	194.00	195.00	1.00			0.1000	1.90
			PG04167	195.00	196.00	1.00			0.0250	0.70
			PG04168	196.00	197.00	1.00			0.0700	1.30
			PG04169	197.00	198.00	1.00			0.0800	1.00
			PG04170	198.00	199.00	1.00			0.0250	0.70
			PG04171	199.00	199.80	.80			0.0500	0.70
			PG04172	200.26	201.00	.74			0.0700	0.80
			PG04173	201.00	202.00	1.00			0.0250	0.60
			PG04174	202.00	203.00	1.00			0.0600	0.60
			PG04176	203.00	204.00	1.00			0.0600	0.50
			PG04177	204.00	205.00	1.00			0.0600	0.70
			PG04178	205.00	206.00	1.00			0.0700	0.80
			PG04179	206.00	207.00	1.00			0.0500	0.80
			PG04196	207.00	208.00	1.00			0.0800	1.00
			PG04197	208.00	209.00	1.00			0.0700	0.90
			PG04198	209.00	210.00	1.00			0.0600	0.90
			PG04199	210.00	211.00	1.00			0.0700	0.80
			PG04201	211.00	212.00	1.00			0.0250	0.25
			PG04202	212.00	213.00	1.00			0.0250	0.25
			PG04203	213.00	213.80	.80			0.0250	0.25

DETAILED LOG

Hole Number: ER2006-03

Units: METRIC

Project Name: Ertelien	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM84-32N	Collar Dip: -50.00
Project Number: 201	North: 6659589.89	North: 6659589.89	Collar Az: 53.00
Location: Surface	East: 558208.32	East: 558208.32	Length: 223.50
	Elev: 171.42	Elev: 171.42	Start Depth: 0.00
Date Started: Jun 18, 2006	Collar Survey: Y	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Jun 23, 2006	Multishot Survey: Y	Hole Size: TT46	Core Storage:
Logged By: larsw	Pulse EM Survey: Y	Casing: Left in Hole, capped	Final Depth: 223.50

Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	50.00	-48.74	Gyro	OK		3.00	47.49	-48.99	Gyro	OK	
6.00	53.57	-48.94	Gyro	OK		9.00	52.21	-49.04	Gyro	OK	
12.00	52.75	-49.10	Gyro	OK		15.00	53.52	-48.89	Gyro	OK	
18.00	51.20	-49.01	Gyro	OK		21.00	50.51	-49.10	Gyro	OK	
24.00	51.10	-49.12	Gyro	OK		27.00	49.45	-49.11	Gyro	OK	
30.00	51.78	-48.91	Gyro	OK		33.00	54.01	-48.99	Gyro	OK	
36.00	52.98	-48.98	Gyro	OK		39.00	52.29	-48.98	Gyro	OK	
42.00	52.35	-48.94	Gyro	OK		45.00	55.46	-48.95	Gyro	OK	
48.00	55.40	-48.91	Gyro	OK		51.00	47.99	-48.85	Gyro	OK	
54.00	53.73	-48.91	Gyro	OK		57.00	46.43	-48.72	Gyro	OK	
60.00	53.27	-48.87	Gyro	OK		63.00	48.67	-48.86	Gyro	OK	
66.00	53.01	-48.86	Gyro	OK		69.00	52.80	-48.70	Gyro	OK	
72.00	54.11	-48.81	Gyro	OK		75.00	54.15	-48.62	Gyro	OK	
78.00	58.91	-48.70	Gyro	OK		81.00	56.58	-48.70	Gyro	OK	
84.00	58.42	-48.52	Gyro	OK		87.00	56.67	-48.66	Gyro	OK	
90.00	56.09	-48.50	Gyro	OK		93.00	53.68	-48.58	Gyro	OK	
96.00	57.11	-48.57	Gyro	OK		99.00	52.11	-48.53	Gyro	OK	
102.00	50.83	-48.44	Gyro	OK		105.00	57.20	-48.57	Gyro	OK	
108.00	51.02	-48.40	Gyro	OK		111.00	57.64	-48.40	Gyro	OK	
114.00	53.35	-48.52	Gyro	OK		117.00	55.50	-48.29	Gyro	OK	
120.00	56.90	-48.33	Gyro	OK		123.00	53.60	-48.16	Gyro	OK	
126.00	56.63	-48.16	Gyro	OK		129.00	53.77	-48.24	Gyro	OK	
132.00	54.14	-48.15	Gyro	OK		135.00	55.45	-47.96	Gyro	OK	
138.00	51.00	-47.91	Gyro	OK		141.00	58.51	-48.07	Gyro	OK	
144.00	54.84	-48.06	Gyro	OK		147.00	53.98	-47.87	Gyro	OK	

noranda

Hole Number: ER2006-03

Units: METRIC

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
150.00	50.77	-47.97	Gyro	OK		153.00	54.52	-47.83	Gyro	OK	
156.00	50.77	-47.88	Gyro	OK		159.00	50.05	-47.90	Gyro	OK	
162.00	54.98	-47.76	Gyro	OK		165.00	57.01	-47.74	Gyro	OK	
168.00	58.26	-47.86	Gyro	OK		171.00	56.00	-47.76	Gyro	OK	
174.00	55.28	-47.55	Gyro	OK		177.00	55.00	-47.64	Gyro	OK	
180.00	54.87	-47.72	Gyro	OK		183.00	52.35	-47.53	Gyro	OK	
186.00	54.44	-47.46	Gyro	OK		189.00	55.59	-47.31	Gyro	OK	
192.00	54.76	-47.13	Gyro	OK		195.00	54.83	-47.10	Gyro	OK	
198.00	55.23	-46.95	Gyro	OK		201.00	55.09	-46.80	Gyro	OK	
204.00	55.52	-46.77	Gyro	OK		207.00	55.27	-46.62	Gyro	OK	
210.00	55.74	-46.33	Gyro	OK		213.00	55.78	-46.34	Gyro	OK	

Detailed Lithology

From			To	Lithology	Assay Data						
From	To		Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	3.00		C, Casing								

DETAILED LOG

Hole Number: ER2006-03

Units: METRIC

Detailed Lithology

From To		Lithology	Assay Data							
From	To		Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
3.00	53.72	7a, Gabbronorite This unit consists of a dark gray, fine- to medium-grained, non-magnetic, non-foliated gabbronorite. The main minerals are pyroxene and plagioclase in a ratio of about 60/40. Locally, the unit is garnet bearing. The lower contact of this unit is slightly brecciated at 40 degrees tca. Mineralization occurs from 40m on downwards; po, py, and small amounts of cpy occur disseminated and as small blebs. In small sections sulfides make up ~5% of the rock; overall the rock contains ~1 - 2% sulfides. Structure 7.74 - 7.75 : S Shear, 35 Deg to CA 9.04 - 9.05 : S Shear, 25 Deg to CA 12.00 - 12.01 : S Shear, 45 Deg to CA 29.42 - 29.43 : S Shear, 35 Deg to CA 36.25 - 36.26 : S Shear, 40 Deg to CA 53.72 - 53.72 : LC Lower Contact, 40 Deg to CA RQD 3.00 - 6.00 : 64.00 % RQD 100.00 % Core 6.00 - 9.00 : 64.00 % RQD 100.00 % Core 9.00 - 12.00 : 85.00 % RQD 100.00 % Core 12.00 - 15.00 : 51.00 % RQD 100.00 % Core 15.00 - 18.00 : 100.00 % RQD 100.00 % Core 18.00 - 21.00 : 91.00 % RQD 100.00 % Core 21.00 - 24.00 : 87.00 % RQD 100.00 % Core 24.00 - 27.00 : 89.00 % RQD 100.00 % Core 27.00 - 30.00 : 86.00 % RQD 100.00 % Core 30.00 - 33.00 : 91.00 % RQD 100.00 % Core 33.00 - 36.00 : 88.00 % RQD 100.00 % Core 36.00 - 39.00 : 94.00 % RQD 100.00 % Core 39.00 - 42.00 : 100.00 % RQD 100.00 % Core 42.00 - 45.00 : 83.00 % RQD 100.00 % Core 45.00 - 48.00 : 82.00 % RQD 100.00 % Core 48.00 - 51.00 : 98.00 % RQD 100.00 % Core 51.00 - 54.00 : 87.00 % RQD 100.00 % Core	PG04291	40.00	41.50	1.50			0.0250	0.25
			PG04292	41.50	43.00	1.50			0.1000	0.60
			PG04293	43.00	44.50	1.50			0.0800	0.60
			PG04294	44.50	46.00	1.50			0.1200	0.90
			PG04295	46.00	47.50	1.50			0.1500	1.20
			PG04296	47.50	49.00	1.50			0.0250	0.25
			PG04297	49.00	50.50	1.50			0.1700	1.10
			PG04298	50.50	52.00	1.50			0.1000	0.90
			PG04299	52.00	53.00	1.00			0.1000	0.80
			PG04301	53.00	53.72	.72			0.1400	1.50
53.72	55.55	4, Anorthosite / Anorthositic Gabbro Very coarse-grained, light gray, non-magnetic, non-foliated, non-mineralized, fractured anorthosite. The lower contact is garnetiferous at 50 degrees tca. Structure 55.55 - 55.55 : LC Lower Contact, 50 Deg to CA RQD 54.00 - 57.00 : 44.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-03

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
55.55	122.00	7a, Gabbronorite This unit consists of medium- to coarse grained, non-magnetic (mag-sus<~10), homogeneous, non-foliated gabbronorite. It contains ~60% pyroxene and 40% plagioclase. Chloritization is common along fractures and joints. Garnets occur locally. Oikocrystic larger pyroxene (bronzite?) crystals are common and characteristic in drill core. A thin fine-grained ?dyke? cuts the rock from 97.30m - 98.12m. The upper contact is diffuse, while the lower contact is sharp at 30 degrees tca. The country rock (gabbronorite) is coarser grained and more pyroxene-rich within ~1m of the dyke. Mineralization consists of patchy and disseminated po, py (2- 5%) and usually trace - 1% cpy. Based on color, at least two generations of py can be distinguished. Structure 63.36 - 63.37 : S Shear, 15 Deg to CA 71.05 - 71.06 : S Shear, 50 Deg to CA 80.25 - 80.28 : S Shear, 10 Deg to CA 82.85 - 82.95 : S Shear, 60 Deg to CA 108.95 - 108.96 : S Shear, 30 Deg to CA RQD 57.00 - 60.00 : 87.00 % RQD 100.00 % Core 60.00 - 63.00 : 91.00 % RQD 100.00 % Core 63.00 - 66.00 : 84.00 % RQD 100.00 % Core 66.00 - 69.00 : 99.00 % RQD 100.00 % Core 69.00 - 72.00 : 86.00 % RQD 100.00 % Core 72.00 - 75.00 : 79.00 % RQD 100.00 % Core 75.00 - 78.00 : 96.00 % RQD 100.00 % Core 78.00 - 81.00 : 78.00 % RQD 100.00 % Core 81.00 - 84.00 : 91.00 % RQD 100.00 % Core 84.00 - 87.00 : 85.00 % RQD 100.00 % Core 87.00 - 90.00 : 94.00 % RQD 100.00 % Core 90.00 - 93.00 : 77.00 % RQD 100.00 % Core 93.00 - 96.00 : 88.00 % RQD 100.00 % Core 96.00 - 99.00 : 79.00 % RQD 100.00 % Core 99.00 - 102.00 : 53.00 % RQD 100.00 % Core 102.00 - 105.00 : 83.00 % RQD 100.00 % Core 105.00 - 108.00 : 98.00 % RQD 100.00 % Core 108.00 - 111.00 : 88.00 % RQD 100.00 % Core 111.00 - 114.00 : 90.00 % RQD 100.00 % Core 114.00 - 117.00 : 82.00 % RQD 100.00 % Core 117.00 - 120.00 : 94.00 % RQD 100.00 % Core	PG04302	55.55	57.00	1.45			0.0900	0.80
			PG04303	57.00	58.50	1.50			0.1000	0.90
			PG04304	58.50	60.00	1.50			0.0700	0.70
			PG04305	60.00	61.50	1.50			0.0500	0.25
			PG04306	61.50	63.00	1.50			0.0800	0.80
			PG04307	63.00	64.50	1.50			0.0250	0.60
			PG04308	64.50	66.00	1.50			0.0700	0.60
			PG04309	66.00	67.50	1.50			0.0600	0.80
			PG04310	67.50	69.00	1.50			0.0800	0.80
			PG04311	69.00	70.50	1.50			0.0700	0.70
			PG04312	70.50	72.00	1.50			0.1100	1.10
			PG04313	72.00	73.50	1.50			0.0900	0.90
			PG04314	73.50	75.00	1.50			0.0800	0.90
			PG04315	75.00	76.50	1.50			0.1600	1.70
			PG04316	76.50	78.00	1.50			0.0600	1.20
			PG04317	78.00	79.50	1.50			0.0250	0.25
			PG04318	79.50	81.00	1.50			0.0600	0.70
			PG04319	81.00	82.50	1.50			0.0800	1.00
			PG04320	82.50	84.00	1.50			0.0800	0.90
			PG04321	84.00	85.50	1.50			0.0900	0.90
			PG04322	85.50	87.00	1.50			0.1500	1.50
			PG04323	87.00	88.50	1.50			0.0900	1.00
			PG04324	88.50	90.00	1.50			0.0800	0.90
			PG04326	90.00	91.50	1.50			0.0800	1.00
			PG04327	91.50	93.00	1.50			0.1000	1.00
			PG04328	93.00	94.50	1.50			0.1200	1.40
			PG04329	94.50	96.00	1.50			0.1100	1.40
			PG04330	96.00	97.50	1.50			0.1600	1.70
			PG04331	97.50	99.00	1.50			0.0700	0.90
			PG04332	99.00	100.50	1.50			0.1500	1.80
			PG04333	100.50	102.00	1.50			0.1100	1.10
			PG04334	102.00	103.50	1.50			0.0600	0.60
			PG04335	103.50	105.00	1.50			0.0900	1.00
			PG04336	105.00	106.50	1.50			0.0900	1.00
			PG04337	106.50	108.00	1.50			0.0900	1.10
			PG04338	108.00	109.50	1.50			0.0900	1.40
			PG04339	109.50	111.00	1.50			0.1600	1.90
			PG04340	111.00	112.50	1.50			0.0700	1.00
			PG04341	112.50	114.00	1.50			0.0800	0.90
			PG04342	114.00	115.50	1.50			0.1300	1.20

DETAILED LOG

Hole Number: ER2006-03

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD 120.00 - 123.00 : 67.00 % RQD 100.00 % Core	PG04343	115.50	117.00	1.50			0.0600	0.60
			PG04344	117.00	118.50	1.50			0.0700	1.00
			PG04345	118.50	120.00	1.50			0.0900	1.40
			PG04346	120.00	121.50	1.50			0.0700	1.00
			PG04347	121.50	122.00	.50			0.0700	0.80
122.00	124.80	4, Anorthosite / Anorthositic Gabbro Coarse-grained, white, homogenous, non-foliated, non-magnetic, non-mineralized anorthosite. Coarse-grained biotite occurs in fractures as well as between clasts along the hanging and footwall contacts. The upper contact is sharp but irregular. The lower contact is brecciated and broken, probably faulted at 40 degrees tca. Structure 124.50 - 124.80 : F Fault, 40 Deg to CA RQD 123.00 - 126.00 : 82.00 % RQD 100.00 % Core								
124.80	145.20	7a, Gabbro-norite Medium- to coarse-grained, dark gray, pyroxene and plagioclase-bearing, non-magnetic, non-foliated, on a meter-scale homogeneous gabbro-norite. Locally, bronzite crystals are characteristic. The rock has a granular texture, consisting of up to ~90% pyroxene within ~1m of the hanging wall contact. An anorthositic "raft" is located between 133.31 and 133.70m; the upper and lower contacts of this raft are 40 degrees tca. The unit contains variable amounts of po, py, and cpy. The sulfides occur disseminated and in blebby patches up to ~5cm in diameter. Locally, py seems to replace po, especially along fractures. The sulfides are coarse-grained in the vicinity of the mafic dyke; here, large pyroxene crystals up to ~1.5cm in size are sulfide matrix supported. Overall the unit contains ~5%po and py combined and 0.5 - 1%cpy. RQD 126.00 - 129.00 : 100.00 % RQD 100.00 % Core 129.00 - 132.00 : 77.00 % RQD 100.00 % Core 132.00 - 135.00 : 80.00 % RQD 100.00 % Core 135.00 - 138.00 : 79.00 % RQD 100.00 % Core 138.00 - 141.00 : 90.00 % RQD 100.00 % Core 141.00 - 144.00 : 92.00 % RQD 100.00 % Core 144.00 - 147.00 : 70.00 % RQD 100.00 % Core	PG04348	124.80	126.00	1.20			0.1300	1.30
			PG04349	126.00	127.50	1.50			0.0800	1.00
			PG04351	127.50	129.00	1.50			0.0600	0.60
			PG04352	129.00	130.50	1.50			0.0700	0.90
			PG04353	130.50	132.00	1.50			0.1700	1.60
			PG04354	132.00	133.50	1.50			0.1200	1.20
			PG04355	133.50	135.00	1.50			0.0250	0.60
			PG04356	135.00	136.50	1.50			0.0900	1.00
			PG04357	136.50	138.00	1.50			0.1400	1.70
			PG04358	138.00	139.50	1.50			0.1800	2.10
			PG04359	139.50	141.00	1.50			0.1700	2.20
			PG04360	141.00	142.50	1.50			0.1700	2.30
			PG04361	142.50	144.00	1.50			0.2100	2.20
			PG04362	144.00	145.20	1.20			0.5100	4.70



DETAILED LOG

Hole Number: ER2006-03

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
145.20	152.38	10f, Mafic dykes Fine-grained, very homogeneous, dark gray to black, non-foliated, non-mineralized, non-magnetic mafic dyke consisting of plagioclase and pyroxene. The upper contact of this unit is sharp at ~10 degrees tca and the lower contact is sharp but irregular (undulating along an anorthositic/felsic unit of ~5cm). RQD 147.00 - 150.00 : 56.00 % RQD 100.00 % Core 150.00 - 153.00 : 49.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 151 - 151.2 7a, Gabbronorite Typical weakly mineralized gabbronorite (1-2% po). The upper contact of this unit is sharp at 75 degrees tca, the lower contact is sharp but irregular (~25 degrees tca).	PG04363	151.00	152.50	1.50			0.0250	0.60
152.38	177.56	7a, Gabbronorite This unit consists of a dark gray, medium to coarse-grained, homogeneous, non-foliated, non-magnetic, pyroxene and plagioclase-bearing gabbronorite. Higher magnetic-susceptibility are related to patchy po-rich mineralization, which is found throughout the unit. The rock is coarser-grained where patchy sulfides occur. This unit is pervasively mineralized with blebby to patchy po with accessory py and trace cpy. The lower contact of this unit is very sharp at approximately 5-10 degrees tca. RQD 153.00 - 156.00 : 72.00 % RQD 100.00 % Core 156.00 - 159.00 : 81.00 % RQD 100.00 % Core 159.00 - 162.00 : 58.00 % RQD 100.00 % Core 162.00 - 165.00 : 81.00 % RQD 100.00 % Core 165.00 - 168.00 : 68.00 % RQD 100.00 % Core 168.00 - 171.00 : 68.00 % RQD 100.00 % Core 171.00 - 174.00 : 93.00 % RQD 100.00 % Core 174.00 - 177.00 : 89.00 % RQD 100.00 % Core 177.00 - 180.00 : 67.00 % RQD 100.00 % Core	PG04364	152.50	154.00	1.50			0.0250	0.25
			PG04365	154.00	155.50	1.50			0.0250	0.70
			PG04366	155.50	157.00	1.50			0.0800	1.30
			PG04367	157.00	158.50	1.50			0.1500	2.00
			PG04368	158.50	160.00	1.50			0.0600	0.80
			PG04369	160.00	161.50	1.50			0.0700	1.10
			PG04370	161.50	163.00	1.50			0.1500	1.80
			PG04371	163.00	164.50	1.50			0.1500	2.00
			PG04372	164.50	166.00	1.50			0.2400	2.70
			PG04373	166.00	167.50	1.50			0.1100	1.50
			PG04374	167.50	169.00	1.50			0.0250	1.00
			PG04376	169.00	170.50	1.50			0.0250	0.90
			PG04377	170.50	172.00	1.50			0.0250	0.80
			PG04378	172.00	173.50	1.50			0.1000	1.90
			PG04379	173.50	175.00	1.50			0.0800	1.30
			PG04380	175.00	176.50	1.50			0.0700	0.80
			PG04381	176.50	177.56	1.06			0.0900	0.90

DETAILED LOG

Hole Number: ER2006-03

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
177.56	185.65	10f, Mafic dykes Fine-grained, very homogeneous, dark gray to black, non-foliated, non-mineralized, non-magnetic mafic dyke consisting of plagioclase and pyroxene. The lower contact of this unit is py-rich, slightly brecciated and contains minor fault gouge (core axis angles difficult to ascertain). RQD 180.00 - 183.00 : 3.00 % RQD 100.00 % Core 183.00 - 186.00 : 21.00 % RQD 100.00 % Core	PG04382	184.50	185.65	1.15			0.0900	1.00
185.65	187.95	MS, MASSIVE SULPHIDE (>75%) The first 35cm (185.65 - 186.00m) are py-dominated, the remainder is almost exclusively po. In semi-massive sections sulfides seem to surround 5 - 10cm wall rock "fragments". Sulfides are generally medium to coarse-grained, with sulfide patches rimmed with garnets. 185.65 - 186.56 semi massive with 30 - 40%po, 5 - 10%py and tr. cpy 186.56 - 187.00: MS with ~90%po and ~1 - 2%cpy 187.00 - 187.95: ~50%po with tr. cpy Locally, between the sulfides the host rock appears as gabbro-norite "clasts" with assimilated gneissic fragments. RQD 186.00 - 189.00 : 55.00 % RQD 100.00 % Core	PG04383	185.65	186.50	85			0.2700	2.30
			PG04384	186.50	187.06	56			0.3500	2.20
			PG04385	187.06	187.47	41			0.1100	1.90
			PG04386	187.47	187.95	48			0.0800	2.20
187.95	188.90	10f, Mafic dykes 187.95 - 188.75: non-descript mafic dyke (as described from 177.56-185.65m). 188.75 - 188.90: semi massive sulphides (~20%po and ~20%py). The upper contact of this unit is fault gouge (core axis angles unknown) and the lower contact is sharp at 50 degrees to the ca.	PG04387	187.95	188.56	61			0.0250	1.00
			PG04388	188.56	189.00	44			0.0700	2.00

DETAILED LOG

Hole Number: ER2006-03

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
188.90	223.50	5, Undivided Metasediments This unit consists of a well-foliated, non-magnetic, non-mineralized mafic to intermediate gneiss. The main minerals are plagioclase and pyroxene/amphiboles. Quartz and garnet occur locally. The color ranges from light gray to almost black. Foliation angles change rapidly but are generally between ~40 and 80 degrees tca. Structure 188.90 - 189.00 Pyrite-healed fault zone with gneissic groundmass. Core angles unknown. RQD 189.00 - 192.00 : 53.00 % RQD 100.00 % Core 192.00 - 195.00 : 72.00 % RQD 100.00 % Core 195.00 - 198.00 : 69.00 % RQD 100.00 % Core 198.00 - 201.00 : 23.00 % RQD 100.00 % Core 201.00 - 204.00 : 13.00 % RQD 100.00 % Core 204.00 - 207.00 : 62.00 % RQD 100.00 % Core 207.00 - 210.00 : 45.00 % RQD 100.00 % Core 210.00 - 213.00 : 50.00 % RQD 100.00 % Core 213.00 - 216.00 : 21.00 % RQD 100.00 % Core 216.00 - 219.00 : 51.00 % RQD 100.00 % Core 219.00 - 222.00 : 54.00 % RQD 100.00 % Core 222.00 - 223.50 : 76.00 % RQD 100.00 % Core	PG04389	189.00	190.00	1.00			0.0250	1.00



DETAILED LOG

Hole Number: ER2006-04

Units: METRIC

Project Name: Ertelien	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM84-32N	Collar Dip: -80.00
Project Number: 201	North: 6659589.27	North: 6659589.27	Collar Az: 53.00
Location: Surface	East: 558207.56	East: 558207.56	Length: 223.75
	Elev: 171.11	Elev: 171.11	Start Depth: 0.00
Date Started: Jun 23, 2006	Collar Survey: Y	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Jun 27, 2006	Multishot Survey: Y	Hole Size: TT46	Core Storage:
Logged By: larsw	Pulse EM Survey: Y	Casing: Left in Hole, capped	Final Depth: 223.75

Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	55.50	-80.19	Gyro	OK		3.00	55.57	-80.58	Gyro	OK	
6.00	60.13	-80.20	Gyro	OK		9.00	58.47	-80.20	Gyro	OK	
12.00	58.78	-80.21	Gyro	OK		15.00	60.12	-80.31	Gyro	OK	
18.00	58.79	-80.26	Gyro	OK		21.00	58.38	-80.25	Gyro	OK	
24.00	57.85	-80.43	Gyro	OK		27.00	59.77	-80.29	Gyro	OK	
30.00	58.22	-80.21	Gyro	OK		33.00	58.19	-80.16	Gyro	OK	
36.00	58.92	-80.03	Gyro	OK		39.00	60.06	-79.93	Gyro	OK	
42.00	59.72	-79.85	Gyro	OK		45.00	59.49	-79.89	Gyro	OK	
48.00	61.96	-79.74	Gyro	OK		51.00	60.49	-79.49	Gyro	OK	
54.00	61.73	-79.33	Gyro	OK		57.00	60.82	-79.41	Gyro	OK	
60.00	62.27	-79.30	Gyro	OK		63.00	63.57	-79.37	Gyro	OK	
66.00	65.52	-79.38	Gyro	OK		69.00	64.73	-79.30	Gyro	OK	
72.00	64.97	-79.22	Gyro	OK		75.00	64.96	-79.18	Gyro	OK	
78.00	63.05	-79.36	Gyro	OK		81.00	65.04	-79.23	Gyro	OK	
84.00	65.37	-79.03	Gyro	OK		87.00	66.94	-79.06	Gyro	OK	
90.00	63.11	-79.03	Gyro	OK		93.00	64.98	-78.95	Gyro	OK	
96.00	62.99	-78.84	Gyro	OK		99.00	65.46	-78.81	Gyro	OK	
102.00	65.66	-78.84	Gyro	OK		105.00	65.14	-78.76	Gyro	OK	
108.00	64.46	-78.83	Gyro	OK		111.00	68.57	-78.76	Gyro	OK	
114.00	66.26	-78.82	Gyro	OK		117.00	65.76	-78.71	Gyro	OK	
120.00	68.92	-78.65	Gyro	OK		123.00	66.52	-78.61	Gyro	OK	
126.00	63.57	-78.76	Gyro	OK		129.00	65.55	-78.57	Gyro	OK	
132.00	71.77	-78.74	Gyro	OK		135.00	64.99	-78.73	Gyro	OK	
138.00	69.88	-78.65	Gyro	OK		141.00	61.17	-78.61	Gyro	OK	
144.00	68.18	-78.56	Gyro	OK		147.00	66.84	-78.50	Gyro	OK	

DETAILED LOG

Hole Number: ER2006-04

Units: METRIC

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
150.00	66.17	-78.53	Gyro	OK		153.00	68.37	-78.50	Gyro	OK	
156.00	67.89	-78.50	Gyro	OK		159.00	70.54	-78.51	Gyro	OK	
162.00	67.27	-78.49	Gyro	OK		165.00	67.19	-78.47	Gyro	OK	
168.00	68.92	-78.46	Gyro	OK		171.00	71.12	-78.48	Gyro	OK	
174.00	72.72	-78.51	Gyro	OK		177.00	75.00	-78.47	Gyro	OK	
180.00	72.10	-78.37	Gyro	OK		183.00	60.55	-78.31	Gyro	DO	
186.00	66.31	-78.36	Gyro	OK		189.00	66.74	-78.34	Gyro	OK	
192.00	68.77	-78.19	Gyro	OK		195.00	70.07	-78.00	Gyro	OK	
198.00	69.42	-77.87	Gyro	OK		201.00	70.11	-77.64	Gyro	OK	
204.00	71.24	-77.56	Gyro	OK		207.00	69.28	-77.47	Gyro	OK	
210.00	75.94	-77.37	Gyro	OK							

Detailed Lithology

From		To	Lithology	Assay Data						
Sample #		From	To	Length	Zn %	Pb %	Cu %	Ag gpt		
0		3.10	C, Casing							



DETAILED LOG

Hole Number: ER2006-04

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt	
3.10	181.85	7a, Gabbronorite This unit consists of a dark gray, medium-grained, non-foliated, non-magnetic pyroxene and plagioclase-bearing gabbronorite. The rock is homogeneous on a meter scale; however, changes in grain size and ratio of pyroxene to plagioclase do occur. 21.45m - 22.95m: very fine grained, homogeneous, non-magnetic, non-foliated mafic dyke. The upper and lower contacts are distinct and irregular but not sharp. 84.00m - 90.63m: plagioclase-rich (up to ~60%), inhomogeneous, locally foliated section. The lower ~1.5m are dark gray to black and fine grained, similar to basaltic dykes. A fault cuts this section at 89.50m at 35 degrees tca. Interpretation: a gneissic raft bounds a fault along which a basaltic dyke intruded. The gneiss is partly recrystallized/ digested. Various faults and shears cut this unit; see "Structure" for details. 148.70m - 150.40m: rounded light gray, plagioclase-rich, ?K-spar-bearing "fragments". The contacts between the light colored areas and the dark gabbronorite are very sharp but without any shearing, alteration etc. The grain size and texture as well as the sulfide content are identical with those of the gabbronorite. One possible interpretation is that the light colored material are completely recrystallized gneiss fragments with partly digested margins. This unit contains trace to minor po and py mineralization as well as very local trace cpy. Mineralization occurs as dissemination and fine blebs, which commonly occur in clusters up to ~50cm in size. Mineralization is more common starting at ~60m. Starting at ~125m sulfides become more common and individual sulfide blebs grow in size up to ~1.5cm. The lower contact of this unit is sharp at 50 degrees tca along a massive sulphide vein. Structure 16.60 - 16.61 : S Shear, 25 Deg to CA 24.80 - 26.00 unknown attitude - very broken core 48.83 - 48.84 : S Shear, 40 Deg to CA 56.14 - 56.15 : S Shear, 25 Deg to CA 61.55 - 62.15 : F Fault, 15 Deg to CA estimated at 10 - 25 degrees tca 65.68 - 65.90 unknown attitude - very broken core 66.70 - 67.00 unknown attitude - very broken core 89.45 - 89.55 : F Fault, 35 Deg to CA 119.60 - 119.61 : S Shear, 25 Deg to CA RQD 3.10 - 6.00 : 81.00 % RQD 100.00 % Core	PG04390	60.00	61.50	1.50				0.0250	0.25
			PG04391	61.50	63.00	1.50				0.0250	0.25
			PG04392	63.00	64.50	1.50				0.0500	0.60
			PG04393	64.50	66.00	1.50				0.0700	0.80
			PG04394	71.00	72.50	1.50				0.0600	0.80
			PG04395	72.50	74.00	1.50				0.0800	1.00
			PG04396	74.00	75.50	1.50				0.0700	0.70
			PG04397	75.50	77.00	1.50				0.0250	0.25
			PG04398	77.00	78.50	1.50				0.0250	0.25
			PG04399	78.50	80.00	1.50				0.0250	0.25
			PG04401	80.00	81.50	1.50				0.0600	0.60
			PG04402	81.50	83.00	1.50				0.0250	0.80
			PG04403	98.00	99.50	1.50				0.0700	1.20
			PG04404	99.50	101.00	1.50				0.0250	0.25
			PG04405	101.00	102.50	1.50				0.0600	0.60
			PG04406	107.00	108.50	1.50				0.0250	0.25
			PG04407	108.50	110.00	1.50				0.0500	0.70
			PG04408	110.00	111.50	1.50				0.0250	0.25
			PG04409	111.50	113.00	1.50				0.0250	0.60
			PG04410	113.00	114.50	1.50				0.0250	0.60
			PG04411	114.50	116.00	1.50				0.0250	0.25
			PG04412	116.00	117.50	1.50				0.0250	0.25
			PG04413	117.50	119.00	1.50				0.0250	0.25
			PG04414	119.00	120.50	1.50				0.0250	0.25
			PG04415	120.50	122.00	1.50				0.0250	0.25
			PG04416	122.00	123.50	1.50				0.0800	0.70
			PG04417	123.50	125.00	1.50				0.0250	0.25
			PG04418	125.00	126.50	1.50				0.0900	0.70
			PG04419	126.50	128.00	1.50				0.1000	1.00
			PG04420	128.00	129.50	1.50				0.1000	1.40
			PG04421	129.50	131.00	1.50				0.0250	0.25
			PG04422	131.00	132.50	1.50				0.1200	1.40
			PG04423	132.50	134.00	1.50				0.1100	1.20
			PG04424	134.00	135.50	1.50				0.0800	0.90
			PG04426	135.50	137.00	1.50				0.1000	1.00
			PG04427	137.00	138.50	1.50				0.0600	0.70
			PG04428	138.50	140.00	1.50				0.1200	1.20
			PG04429	140.00	141.50	1.50				0.1100	1.00
			PG04430	141.50	143.00	1.50				0.0250	0.25
			PG04431	143.00	144.50	1.50				0.0250	0.25

DETAILED LOG

Hole Number: ER2006-04

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD	PG04432	144.50	146.00	1.50			0.1100	1.00
6.00	- 9.00 :	90.00 % RQD 100.00 % Core	PG04433	146.00	147.50	1.50			0.1000	1.20
9.00	- 12.00 :	97.00 % RQD 100.00 % Core	PG04434	147.50	149.00	1.50			0.1400	1.40
12.00	- 15.00 :	97.00 % RQD 100.00 % Core	PG04435	149.00	150.50	1.50			0.1700	2.00
15.00	- 18.00 :	85.00 % RQD 100.00 % Core	PG04436	150.50	152.00	1.50			0.1600	1.70
18.00	- 21.00 :	95.00 % RQD 100.00 % Core	PG04437	152.00	153.50	1.50			0.2600	3.40
21.00	- 24.00 :	76.00 % RQD 100.00 % Core	PG04438	153.50	155.00	1.50			0.0700	1.00
24.00	- 27.00 :	78.00 % RQD 100.00 % Core	PG04439	155.00	156.50	1.50			0.0250	0.25
27.00	- 30.00 :	86.00 % RQD 100.00 % Core	PG04440	156.50	158.00	1.50			0.0250	0.25
30.00	- 33.00 :	89.00 % RQD 100.00 % Core	PG04441	158.00	159.50	1.50			0.0250	0.25
33.00	- 36.00 :	80.00 % RQD 100.00 % Core	PG04442	159.50	161.00	1.50			0.0800	0.80
36.00	- 39.00 :	84.00 % RQD 100.00 % Core	PG04443	161.00	162.50	1.50			0.0700	0.70
39.00	- 42.00 :	100.00 % RQD 100.00 % Core	PG04444	162.50	164.00	1.50			0.0900	0.80
42.00	- 45.00 :	85.00 % RQD 100.00 % Core	PG04445	164.00	165.50	1.50			0.1000	0.60
45.00	- 48.00 :	87.00 % RQD 100.00 % Core	PG04446	165.50	167.00	1.50			0.0700	0.60
48.00	- 51.00 :	83.00 % RQD 100.00 % Core	PG04447	167.00	168.50	1.50			0.0600	0.25
51.00	- 54.00 :	49.00 % RQD 100.00 % Core	PG04448	168.50	170.00	1.50			0.0250	0.25
54.00	- 57.00 :	89.00 % RQD 100.00 % Core	PG04449	170.00	171.50	1.50			0.0600	0.25
57.00	- 60.00 :	100.00 % RQD 100.00 % Core	PG04451	171.50	173.00	1.50			0.0700	0.50
60.00	- 63.00 :	77.00 % RQD 100.00 % Core	PG04452	173.00	174.50	1.50			0.0250	0.50
63.00	- 66.00 :	65.00 % RQD 100.00 % Core	PG04453	174.50	176.00	1.50			0.0500	0.70
66.00	- 69.00 :	47.00 % RQD 100.00 % Core	PG04454	176.00	177.50	1.50			0.0800	1.20
69.00	- 72.00 :	84.00 % RQD 100.00 % Core	PG04455	177.50	179.00	1.50			0.0500	0.90
72.00	- 75.00 :	88.00 % RQD 100.00 % Core	PG04456	179.00	180.50	1.50			0.0500	0.80
75.00	- 78.00 :	96.00 % RQD 100.00 % Core	PG04457	180.50	181.85	1.35			0.1900	2.60
78.00	- 81.00 :	76.00 % RQD 100.00 % Core								
81.00	- 84.00 :	62.00 % RQD 100.00 % Core								
84.00	- 87.00 :	48.00 % RQD 100.00 % Core								
87.00	- 90.00 :	57.00 % RQD 100.00 % Core								
90.00	- 93.00 :	77.00 % RQD 100.00 % Core								
93.00	- 96.00 :	78.00 % RQD 100.00 % Core								
96.00	- 99.00 :	75.00 % RQD 100.00 % Core								
99.00	- 102.00 :	100.00 % RQD 100.00 % Core								
102.00	- 105.00 :	96.00 % RQD 100.00 % Core								
105.00	- 108.00 :	94.00 % RQD 100.00 % Core								
108.00	- 111.00 :	87.00 % RQD 100.00 % Core								
111.00	- 114.00 :	98.00 % RQD 100.00 % Core								
114.00	- 117.00 :	84.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-04

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD 117.00 - 120.00 : 70.00 % RQD 100.00 % Core 120.00 - 123.00 : 89.00 % RQD 100.00 % Core 123.00 - 126.00 : 85.00 % RQD 100.00 % Core 126.00 - 129.00 : 91.00 % RQD 100.00 % Core 129.00 - 132.00 : 89.00 % RQD 100.00 % Core 132.00 - 135.00 : 85.00 % RQD 100.00 % Core 135.00 - 138.00 : 73.00 % RQD 100.00 % Core 138.00 - 141.00 : 88.00 % RQD 100.00 % Core 141.00 - 144.00 : 84.00 % RQD 100.00 % Core 144.00 - 147.00 : 83.00 % RQD 100.00 % Core 147.00 - 150.00 : 90.00 % RQD 100.00 % Core 150.00 - 153.00 : 90.00 % RQD 100.00 % Core 153.00 - 156.00 : 93.00 % RQD 100.00 % Core 156.00 - 159.00 : 93.00 % RQD 100.00 % Core 159.00 - 162.00 : 72.00 % RQD 100.00 % Core 162.00 - 165.00 : 92.00 % RQD 100.00 % Core 165.00 - 168.00 : 83.00 % RQD 100.00 % Core 168.00 - 171.00 : 85.00 % RQD 100.00 % Core 171.00 - 174.00 : 97.00 % RQD 100.00 % Core 174.00 - 177.00 : 88.00 % RQD 100.00 % Core 177.00 - 180.00 : 99.00 % RQD 100.00 % Core 180.00 - 183.00 : 90.00 % RQD 100.00 % Core								
181.85	183.09	MS, MASSIVE SULPHIDE (>75%) Massive sulfide containing ~70% po, 1-2% py, and 1-3% cpy. The po is medium grained; black wallrock fragments are suspended in the sulfide matrix. Py is more common in the top ~15cm. Cpy is dispersed throughout the entire unit, except at the lower contact where cpy occurs "massive" in a 2 - 4cm thick band. The lower contact of this unit is sharp at 35 degrees to the ca. RQD 183.00 - 186.00 : 79.00 % RQD 100.00 % Core	PG04458	181.85	183.09	1.24			0.9800	11.40
183.09	186.04	S, Undivided Metasediments This unit is more inhomogenous, locally weakly foliated (30 - 45 degrees tca), and it contains plagioclase-rich patches as well as local garnets (likely an intermediate to mafic gneiss). The lower contact of this unit is along a felsic horizon (quartz-feldspar) at ~80 degrees tca. RQD 186.00 - 189.00 : 85.00 % RQD 100.00 % Core	PG04459	183.09	184.50	1.41			0.0250	0.60
			PG04460	184.50	186.00	1.50			0.0250	0.25
			PG04461	186.00	187.50	1.50			0.0900	1.10



DETAILED LOG

Hole Number: ER2006-04

Units: METRIC

Detailed Lithology

From		To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
186.04	192.53	7a, Gabbronorite	Weakly mineralized gabbronorite (1-2% pyrrhotite) as described from 3.10-181.85m	PG04462	187.50	189.00	1.50			0.0700	0.80
		The lower contact of this unit is sharp but irregular along a 1cm wide MS veinlet.		PG04463	189.00	190.50	1.50			0.0700	0.60
		RQD		PG04464	190.50	191.83	1.33			0.0250	0.50
		189.00 - 192.00 : 79.00 % RQD 100.00 % Core		PG04465	191.83	192.15	.32			0.4800	6.10
		192.00 - 195.00 : 86.00 % RQD 100.00 % Core		PG04466	192.15	192.45	.30			0.0250	0.25
		MINOR INTERVALS:		PG04467	192.45	193.05	.60			1.3200	18.20
		Minor Interval:									
		186.34 - 186.64 5. Undivided Metasediments									
		Mafic to intermediate gneiss (raft?) - as described from 183.09-186.04m.									
		The upper contact of this unit is lost as the core does not fit together.									
		The lower contact of this unit is sharp at 60 tca along a felsic horizon.									
192.53	223.75	5, Undivided Metasediments	This unit consists of a variably colored, almost black to light gray, well-foliated, non-magnetic, locally garnet and quartz-bearing gneiss (intermediate to locally mafic). Foliation angles vary from 50 to 90 degrees tca.	PG04468	193.05	194.00	.95			0.0250	0.25
		The lower contact of this unit was not reached as the hole was shut down.									
		This unit is not mineralized.									
		RQD									
		195.00 - 198.00 : 57.00 % RQD 100.00 % Core									
		198.00 - 201.00 : 47.00 % RQD 100.00 % Core									
		201.00 - 204.00 : 59.00 % RQD 100.00 % Core									
		204.00 - 207.00 : 64.00 % RQD 100.00 % Core									
		207.00 - 210.00 : 47.00 % RQD 100.00 % Core									
		210.00 - 213.00 : 45.00 % RQD 100.00 % Core									
		213.00 - 216.00 : 72.00 % RQD 100.00 % Core									
		216.00 - 219.00 : 67.00 % RQD 100.00 % Core									
		219.00 - 222.00 : 97.00 % RQD 100.00 % Core									
		222.00 - 223.75 : 83.00 % RQD 100.00 % Core									
		MINOR INTERVALS:									
		Minor Interval:									
		192.6 - 192.82 MS, MASSIVE SULPHIDE (>75%)									
		Massive sulphide veinlet (90 pyrrhotite, 2 pyrite and 3 chalcopyrite).									
		The upper and lower contacts of this veinlet are sharp at 85 and 70 degrees tca, respectively.									



DETAILED LOG

Hole Number: ER2006-05

Units: METRIC

Project Name: Ertelien	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM84-32N	Collar Dip: -50.00
Project Number: 201	North: 6659741.78	North: 6659741.78	Collar Az: 53.00
Location: Surface	East: 558077.43	East: 558077.43	Length: 239.70
	Elev: 180.21	Elev: 180.21	Start Depth: 0.00
Date Started: Jun 27, 2006	Collar Survey: Y	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Jul 05, 2006	Multishot Survey: Y	Hole Size: TT46	Core Storage:
Logged By: larsw	Pulse EM Survey: Y	Casing: Left in Hole, capped	Final Depth: 239.70

Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	59.42	-51.21	Gyro	DO		3.00	44.15	-51.03	Gyro	DO	
6.00	49.64	-50.93	Gyro	OK		9.00	52.23	-50.86	Gyro	OK	
12.00	48.40	-50.80	Gyro	OK		15.00	81.29	-50.71	Gyro	DO	
18.00	57.69	-50.66	Gyro	OK		21.00	57.68	-50.52	Gyro	OK	
24.00	47.46	-50.51	Gyro	OK		27.00	45.00	-50.39	Gyro	OK	
30.00	42.55	-50.28	Gyro	OK		33.00	73.45	-50.22	Gyro	DO	
36.00	22.23	-50.27	Gyro	DO		39.00	61.88	-50.37	Gyro	DO	
42.00	72.28	-50.36	Gyro	DO		45.00	51.35	-50.23	Gyro	OK	
48.00	53.00	-50.15	Gyro	OK		51.00	55.31	-50.15	Gyro	OK	
54.00	53.43	-50.16	Gyro	OK		57.00	52.74	-50.17	Gyro	OK	
60.00	53.86	-50.23	Gyro	OK		63.00	50.49	-50.26	Gyro	OK	
66.00	62.62	-50.30	Gyro	DO		69.00	53.36	-50.33	Gyro	OK	
72.00	54.59	-50.36	Gyro	OK		75.00	54.55	-50.43	Gyro	OK	
78.00	56.55	-50.40	Gyro	OK		81.00	53.48	-50.45	Gyro	OK	
84.00	53.31	-50.44	Gyro	OK		87.00	53.76	-50.47	Gyro	OK	
90.00	52.17	-50.54	Gyro	OK		93.00	45.20	-50.54	Gyro	OK	
96.00	44.00	-50.61	Gyro	OK		99.00	43.00	-50.69	Gyro	OK	
102.00	42.23	-50.64	Gyro	OK		105.00	53.57	-50.62	Gyro	OK	
108.00	54.35	-50.68	Gyro	OK		111.00	55.66	-50.59	Gyro	OK	
114.00	56.18	-50.49	Gyro	OK		117.00	57.02	-50.47	Gyro	OK	
120.00	56.93	-50.42	Gyro	OK		123.00	58.43	-50.28	Gyro	OK	
126.00	61.22	-50.23	Gyro	OK		129.00	59.67	-50.29	Gyro	OK	
132.00	59.85	-50.41	Gyro	OK		135.00	58.08	-50.28	Gyro	OK	
138.00	57.67	-50.50	Gyro	OK		141.00	62.99	-50.46	Gyro	OK	
144.00	58.43	-50.34	Gyro	OK		147.00	57.72	-50.32	Gyro	OK	

DETAILED LOG

Hole Number: ER2006-05

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
2.80	97.15	7a, Gabbronorite	PG04469	15.00	16.50	1.50			0.0250	0.25
		This unit consists of a medium-grained, dark gray, generally non-magnetic, non-foliated, on a meter scale homogeneous, pyroxene and plagioclase (~50/50) bearing gabbronorite. Locally, larger opx (bronzite?) crystals are visible in drill core. Locally, the grain size increases in close proximity to mineralized areas.	PG04470	16.50	18.00	1.50			0.0500	0.60
			PG04471	18.00	19.50	1.50			0.0600	0.25
			PG04472	23.00	24.50	1.50			0.0800	0.70
			PG04473	24.50	26.00	1.50			0.0900	0.70
		The unit is cut by a number of high angle (tca) shears that are commonly serpentinized and/or chlorite-bearing.	PG04474	26.00	27.30	1.30			0.0250	0.25
			PG04476	27.30	27.70	.40			0.4400	4.10
			PG04477	27.70	29.00	1.30			0.1700	1.30
		The unit is extensively mineralized by pervasive disseminated po as well as py +/- cpy patches.	PG04478	29.00	30.50	1.50			0.2000	1.80
			PG04479	30.50	31.25	.75			0.0800	0.70
		The lower contact of this unit is sharp at 60 degrees tca	PG04480	31.25	32.10	.85			0.0700	0.60
		Structure	PG04481	32.10	32.53	.43			0.1700	1.20
		18.80 - 18.81 : S Shear, 15 Deg to CA	PG04482	32.53	33.27	.74			0.3100	1.90
		38.50 - 38.51 : S Shear, 35 Deg to CA	PG04483	33.27	34.00	.73			0.1300	1.00
		52.20 - 52.22 : S Shear, 20 Deg to CA	PG04484	34.00	35.50	1.50			0.1500	1.00
		57.75 - 58.25 : F Fault, 20 Deg to CA	PG04485	35.50	37.00	1.50			0.1300	1.10
		75.25 - 75.27 : S Shear, 15 Deg to CA	PG04486	37.00	38.50	1.50			0.0250	0.25
		RQD	PG04487	38.50	40.00	1.50			0.1400	1.00
		2.80 - 6.00 : 84.00 % RQD 100.00 % Core	PG04488	40.00	41.00	1.00			0.1000	0.70
		6.00 - 9.00 : 87.00 % RQD 100.00 % Core	PG04489	41.00	42.00	1.00			0.3000	1.70
		9.00 - 12.00 : 95.00 % RQD 100.00 % Core	PG04490	42.00	43.50	1.50			0.0250	0.25
		12.00 - 15.00 : 98.00 % RQD 100.00 % Core	PG04491	43.50	44.94	1.44			0.0250	0.25
		15.00 - 18.00 : 90.00 % RQD 100.00 % Core	PG04492	44.94	46.26	1.32			0.3700	2.70
		18.00 - 21.00 : 94.00 % RQD 100.00 % Core	PG04493	46.26	47.00	.74			0.0250	0.25
		21.00 - 24.00 : 87.00 % RQD 100.00 % Core	PG04494	47.00	48.50	1.50			0.0500	0.70
		24.00 - 27.00 : 90.00 % RQD 100.00 % Core	PG04495	48.50	50.00	1.50			0.0800	0.90
		27.00 - 30.00 : 94.00 % RQD 100.00 % Core	PG04496	50.00	51.50	1.50			0.0700	0.70
		30.00 - 33.00 : 100.00 % RQD 100.00 % Core	PG04497	51.50	53.00	1.50			0.0250	0.25
		33.00 - 36.00 : 97.00 % RQD 100.00 % Core	PG04498	53.00	54.50	1.50			0.0700	0.80
		36.00 - 39.00 : 76.00 % RQD 100.00 % Core	PG04499	54.50	56.00	1.50			0.3100	3.30
		39.00 - 42.00 : 91.00 % RQD 100.00 % Core	PG04501	56.00	57.50	1.50			0.0250	0.90
		42.00 - 45.00 : 93.00 % RQD 100.00 % Core	PG04502	65.00	66.32	1.32			0.1200	2.00
		45.00 - 48.00 : 95.00 % RQD 100.00 % Core	PG04503	66.32	67.63	1.31			0.0800	1.00
		48.00 - 51.00 : 100.00 % RQD 100.00 % Core	PG04504	67.63	69.00	1.37			0.0900	0.70
		51.00 - 54.00 : 86.00 % RQD 100.00 % Core	PG04505	69.00	70.50	1.50			0.0250	0.25
		54.00 - 57.00 : 97.00 % RQD 100.00 % Core	PG04506	70.50	72.00	1.50			0.1100	0.70
		57.00 - 60.00 : 76.00 % RQD 100.00 % Core	PG04507	72.00	73.50	1.50			0.0250	0.25
		60.00 - 63.00 : 88.00 % RQD 100.00 % Core	PG04508	81.00	82.50	1.50			0.0500	0.80
		63.00 - 66.00 : 97.00 % RQD 100.00 % Core	PG04509	82.50	84.00	1.50			0.1100	1.30
		66.00 - 69.00 : 86.00 % RQD 100.00 % Core	PG04510	84.00	85.50	1.50			0.0600	0.60



DETAILED LOG

Hole Number: ER2006-05

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD	PG04511	88.00	89.00	1.00			0.0250	0.70
		69.00 - 72.00 : 92.00 % RQD 100.00 % Core	PG04512	89.00	90.00	1.00			0.0250	0.50
		72.00 - 75.00 : 91.00 % RQD 100.00 % Core	PG04513	90.00	91.00	1.00			0.0250	0.25
		75.00 - 78.00 : 94.00 % RQD 100.00 % Core	PG04514	96.00	97.50	1.50			0.0250	0.25
		78.00 - 81.00 : 100.00 % RQD 100.00 % Core								
		81.00 - 84.00 : 84.00 % RQD 100.00 % Core								
		84.00 - 87.00 : 100.00 % RQD 100.00 % Core								
		87.00 - 90.00 : 89.00 % RQD 100.00 % Core								
		90.00 - 93.00 : 89.00 % RQD 100.00 % Core								
		93.00 - 96.00 : 66.00 % RQD 100.00 % Core								
		96.00 - 99.00 : 78.00 % RQD 100.00 % Core								
		MINOR INTERVALS:								
		Minor Interval:								
		66.32 - 67.63 10f, Mafic dykes								
		Homogeneous, fine-grained, dark gray to black, plagioclase and pyroxene-bearing, non-magnetic mafic ?dyke.								
		The upper contact is moderately sharp at 60 degrees tca, the lower contact is broken and contains minor po mineralization.								
		Except from the lower contact, this unit is not mineralized.								
97.15	103.70	5, Undivided Metasediments	PG04515	97.50	97.92	.42			0.0250	0.25
		Inhomogeneous, garnet bearing, locally well foliated, mineralized unit. The upper and lower contacts are ill-defined, likely due to digestion of the surrounding gabbro-norite.	PG04516	97.92	98.66	.74			0.4400	4.80
			PG04517	98.66	99.23	.57			0.1700	1.60
			PG04518	99.23	100.73	1.50			0.1600	1.60
		This unit hosts a significant amount of po and cpy mineralization in cm - dm-scale semi massive to massive sulfides, which are commonly rimmed by garnets. The groundmass to the mineralization is ~90% gneiss and ~10% gabbro-norite.	PG04519	100.73	101.93	1.20			1.8700	17.00
			PG04520	101.93	103.05	1.12			0.6100	5.90
			PG04521	103.05	103.70	.65			0.4200	3.40
		RQD								
		99.00 - 102.00 : 92.00 % RQD 100.00 % Core								
		102.00 - 105.00 : 88.00 % RQD 100.00 % Core								
103.70	106.78	MS, MASSIVE SULPHIDE (>75%)	PG04522	103.70	104.70	1.00			0.9200	6.50
		Semi massive to massive sulfide with 50 - 60% medium-grained po and 1 - 2% cpy. Cpy is more common along the hanging and footwall contacts. Mafic clasts in the po matrix.	PG04523	104.70	105.70	1.00			0.2200	2.90
		The conductance is C= 1200 - 3900S.	PG04524	105.70	106.78	1.08			0.6300	6.00
		This unit is in the immediate footwall to the heavily, but not massive mineralized section in the above gabbro-norite/gneiss. See picture for the complete mineralized intersection.								
		RQD								
		105.00 - 108.00 : 77.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-05

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
106.78	191.60	7a, Gabbronorite Fine- to medium-grained, light to medium gray, non-magnetic, non-foliated, on a meter scale homogeneous, pyroxene and plagioclase-bearing gabbronorite. The upper contact is marked by 48cm of very coarse-grained anorthosite, which also marks the lower contact of the massive sulfides above. The upper part (106.78 - ~144.5) of this unit has a lighter color than the remainder of the gabbronorite, possibly indicating a higher degree of alteration (more serpentine minerals). The lower contact of this unit is sharp but irregular within the underlying gneiss. The contact is marked with trace to 1% fine grained pyrite. Alteration 107.26 - 107.73 :CH Chlorite, P Pervasive, M Moderate Finer grained, highly foliated, chlorite-rich alteration downhole of anorthosite vein. Structure 114.15 - 114.75 unknown attitude due to broken core 133.15 - 133.40 : F Fault, 30 Deg to CA 139.80 - 141.00 unknown attitude due to broken core 141.20 - 141.50 : F Fault, 30 Deg to CA 155.00 - 155.05 unknown attitude due to broken core 158.20 - 158.21 : S Shear, 20 Deg to CA 178.42 - 178.80 unknown attitude due to broken core 185.60 - 185.90 unknown attitude due to broken core RQD 108.00 - 111.00 : 64.00 % RQD 100.00 % Core 111.00 - 114.00 : 90.00 % RQD 100.00 % Core 114.00 - 117.00 : 68.00 % RQD 100.00 % Core 117.00 - 120.00 : 77.00 % RQD 100.00 % Core 120.00 - 123.00 : 89.00 % RQD 100.00 % Core 123.00 - 126.00 : 70.00 % RQD 100.00 % Core 126.00 - 129.00 : 87.00 % RQD 100.00 % Core 129.00 - 132.00 : 71.00 % RQD 100.00 % Core 132.00 - 135.00 : 77.00 % RQD 100.00 % Core 135.00 - 138.00 : 91.00 % RQD 100.00 % Core 138.00 - 141.00 : 67.00 % RQD 100.00 % Core 141.00 - 144.00 : 60.00 % RQD 100.00 % Core 144.00 - 147.00 : 77.00 % RQD 100.00 % Core	PG04526	106.78	107.26	48			0.0250	0.25
			PG04527	107.26	108.00	74			0.0250	0.25
			PG04528	132.50	134.00	1.50			0.0250	0.25
			PG04529	134.00	135.50	1.50			0.0800	1.00
			PG04530	135.50	137.00	1.50			0.0900	1.10
			PG04531	137.00	138.50	1.50			0.0900	0.90
			PG04532	138.50	140.00	1.50			0.0800	0.90
			PG04533	140.00	141.50	1.50			0.0700	0.70
			PG04534	141.50	143.00	1.50			0.0250	0.25
			PG04535	143.00	144.50	1.50			0.0250	0.25
			PG04536	144.50	146.00	1.50			0.0600	0.60
			PG04537	146.00	147.50	1.50			0.0900	1.10
			PG04538	147.50	149.00	1.50			0.0500	0.60
			PG04539	149.00	150.50	1.50			0.0250	0.25
			PG04540	150.50	152.00	1.50			0.0250	0.25
			PG04541	152.00	153.50	1.50			0.0250	0.25
			PG04542	153.50	155.00	1.50			0.0800	0.25
			PG04543	155.00	156.50	1.50			0.0250	0.25
			PG04544	156.50	158.00	1.50			0.0250	0.25

DETAILED LOG

Hole Number: ER2006-05

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
		147.00 - 150.00 : 86.00 % RQD 100.00 % Core								
		150.00 - 153.00 : 87.00 % RQD 100.00 % Core								
		153.00 - 156.00 : 81.00 % RQD 100.00 % Core								
		156.00 - 159.00 : 97.00 % RQD 100.00 % Core								
		159.00 - 162.00 : 88.00 % RQD 100.00 % Core								
		162.00 - 165.00 : 63.00 % RQD 100.00 % Core								
		165.00 - 168.00 : 93.00 % RQD 100.00 % Core								
		168.00 - 171.00 : 91.00 % RQD 100.00 % Core								
		171.00 - 174.00 : 92.00 % RQD 100.00 % Core								
		174.00 - 177.00 : 86.00 % RQD 100.00 % Core								
		177.00 - 180.00 : 72.00 % RQD 100.00 % Core								
		180.00 - 183.00 : 79.00 % RQD 100.00 % Core								
		183.00 - 186.00 : 56.00 % RQD 100.00 % Core								
		186.00 - 189.00 : 73.00 % RQD 100.00 % Core								
		189.00 - 192.00 : 66.00 % RQD 100.00 % Core								
		MINOR INTERVALS:								
		Minor Interval:								
		106.78 - 107.26 4, Anorthosite / Anorthositic Gabbro								
		Anorthosite 70% plagioclase and 30% biotite-muscovite. The upper and lower contacts are both sharp at 85 degrees to the ca.								

DETAILED LOG

Hole Number: ER2006-05

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
191.60	239.70	5, Undivided Metasediments This unit consists of a very well foliated, non-magnetic intermediate to locally mafic gneiss. The main rockforming minerals are plagioclase and pyroxene; locally the garnet content is very high, quartz can be found in small amounts. Generally, mineral ratios change on a dm-scale, indicating banding in the gneiss. The foliation angles change rapidly and vary between ~90 and 15 degrees tca. The unit is cut by a fine-grained mafic ?dyke at 203.64 - 204.68m. This unit contains mineralization between 199.70 and 209.62m. Mineralization consists of fine to medium-grained patchy po and cpy that occurs not parallel to foliation. The sulfides occur interstitially and locally seem to replace silicates as indicated by rounded grains and sulfide-filled embayments. Cpy occurs throughout in cm- to dm-scale patches and not just along the hanging and footwall contacts. Overall sulfide content is ~10 - 20%po and 1 - 5%cpy. RQD 192.00 - 195.00 : 80.00 % RQD 100.00 % Core 195.00 - 198.00 : 40.00 % RQD 100.00 % Core 198.00 - 201.00 : 38.00 % RQD 100.00 % Core 201.00 - 204.00 : 88.00 % RQD 100.00 % Core 204.00 - 207.00 : 87.00 % RQD 100.00 % Core 207.00 - 210.00 : 85.00 % RQD 100.00 % Core 210.00 - 213.00 : 83.00 % RQD 100.00 % Core 213.00 - 216.00 : 79.00 % RQD 100.00 % Core 216.00 - 219.00 : 82.00 % RQD 100.00 % Core 219.00 - 222.00 : 58.00 % RQD 100.00 % Core 222.00 - 225.00 : 68.00 % RQD 100.00 % Core 225.00 - 228.00 : 52.00 % RQD 100.00 % Core 228.00 - 231.00 : 54.00 % RQD 100.00 % Core 231.00 - 234.00 : 74.00 % RQD 100.00 % Core 234.00 - 237.00 : 53.00 % RQD 100.00 % Core 237.00 - 239.70 : 46.00 % RQD 100.00 % Core	PG04545	198.50	199.70	1.20			0.0250	0.25
			PG04546	199.70	200.00	.30			2.8600	33.70
			PG04547	200.00	201.00	1.00			0.9200	21.50
			PG04548	201.00	202.25	1.25			0.1300	1.50
			PG04549	202.25	203.64	1.39			0.0800	0.70
			PG04551	203.64	204.68	1.04			0.7500	9.00
			PG04552	204.68	206.00	1.32			0.0500	1.10
			PG04553	206.00	207.36	1.36			0.0250	0.25
			PG04554	207.36	208.70	1.34			2.3100	21.00
			PG04555	208.70	209.32	.62			0.0900	1.20
			PG04556	209.32	209.62	.30			7.0000	89.00
			PG04557	209.62	211.00	1.38			0.0250	0.25

DETAILED LOG

Hole Number: ER2006-06A

Units: METRIC

Project Name:	Ertelien	Primary Coordinates	Grid: UTM84-32N	Destination Coordinates	Grid: UTM84-32N	Collar Dip:	-80.00
Project Number:	201	North:	6659741.35	North:	6659741.35	Collar Az:	53.00
Location:	Surface	East:	558079.00	East:	558079.00	Length:	46.00
		Elev:	180.20	Elev:	180.20	Start Depth:	0.00
Date Started:	Jul 05, 2006	Collar Survey:	Y	Plugged:	N	Contractor:	Arctic Drilling A/S
Date Completed:	Jul 06, 2006	Multishot Survey:	N	Hole Size:	TT46	Core Storage:	
Logged By:	blairt	Pulse EM Survey:	N	Casing:	Left in Hole, capped	Final Depth:	46.00

Comments:

Sample Averages

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	2.00	C, Casing								

DETAILED LOG

Hole Number: ER2006-06A

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
2.00	46.00	7a, Gabbronorite Medium grained, homogenous, grey, massive, weakly magnetic gabbronorite composed of 70% plagioclase, 30% pyroxenes and trace garnets. This unit, from 2.0-15.0m, contains numerous (5-10%) mm scale, black serpentine (+-chlorite) veinlets crosscutting at 15-55 degrees to the ca. Within this region, the grain size of the pyroxenes are increased proximal to the veinlets. The coarser grained region is between 2.0 - 19.6m. This unit contains rare trace sulphides from 2.0 - 21.70m, after which the unit contains 1-3% finely disseminated to dusty pyrrhotite +- chalcopyrite. Pyrite occurs primarily as moderately to well formed cubic crystals, namely at 11.50-11.57m, 31.70m (3cm wide) and 34.3-34.44m. At 44.22m, there is a 1cm wide MS (po-py) veinlet at 40 degrees tca. At 46.00m, the hole broke through an interpreted underground opening because the water was lost and the drill rods free fell 3.5m. The hole was shutdown, all steel was recovered and was recollared 8m grid west as ER2006-06B. Texture 2.00 - 19.60 : Cg Coarse Grained Alteration 6.33 - 6.40 :SERP Serpentine, V Vein, W Weak Ucon and Icon at 35 and 50 tca 7.93 - 7.98 :SERP Serpentine, V Vein, W Weak Ucon and Icon at 60 and 50 tca 19.03 - 19.04 :SERP Serpentine, V Vein, W Weak Ucon and Icon at 55 tca 6.88 - 7.00 :SERP Serpentine, V Vein, W Weak Low angle (subparallel to 15 tca) serp veining; broken core 14.35 - 14.36 :SERP Serpentine, V Vein, W Weak Serp-carbonate veinlet at 15 tca Structure 33.13 - 33.15 : S Shear, 55 Deg to CA Serpentine-carbonate-pyrite cubes RQD 2.00 - 5.00 : 78.00 % RQD 100.00 % Core 5.00 - 8.00 : 58.00 % RQD 100.00 % Core 8.00 - 11.00 : 95.00 % RQD 100.00 % Core 11.00 - 14.00 : 90.00 % RQD 100.00 % Core 14.00 - 17.00 : 81.00 % RQD 100.00 % Core 17.00 - 20.00 : 95.00 % RQD 100.00 % Core 20.00 - 23.00 : 94.00 % RQD 100.00 % Core 23.00 - 26.00 : 97.00 % RQD 100.00 % Core 26.00 - 29.00 : 100.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Project Name:	Ertelen	Primary Coordinates	Grid: UTM84-32N	Destination Coordinates	Grid: UTM84-32N	Collar Dip:	-83.00
Project Number:	201	North:	6659736.60	North:	6659736.60	Collar Az:	53.00
Location:	Surface	East:	558069.50	East:	558069.50	Length:	345.00
		Elev:	180.56	Elev:	180.56	Start Depth:	0.00
Date Started:	Jul 06, 2006	Collar Survey:	Y	Plugged:	N	Contractor:	Arctic Drilling A/S
Date Completed:	Jul 18, 2006	Multishot Survey:	Y	Hole Size:	TT46	Core Storage:	
Logged By:	blairt	Pulse EM Survey:	Y	Casing:	Left in Hole, capped	Final Depth:	345.00

Comments:

Sample Averages

Average Type	From	To	Length	Au ppb	Ag ppm	Zn ppm	Cu ppm
WEIGHTED	289.95	298.70	8.75				

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	55.29	-82.46	Gyro	OK		3.00	52.54	-82.64	Gyro	OK	
6.00	51.31	-82.60	Gyro	OK		9.00	51.82	-82.66	Gyro	OK	
12.00	51.99	-82.70	Gyro	OK		15.00	52.80	-82.67	Gyro	OK	
18.00	53.36	-82.66	Gyro	OK		21.00	53.90	-82.63	Gyro	OK	
24.00	55.61	-82.58	Gyro	OK		27.00	55.72	-82.54	Gyro	OK	
30.00	56.03	-82.49	Gyro	OK		33.00	55.25	-82.43	Gyro	OK	
36.00	55.76	-82.45	Gyro	OK		39.00	56.69	-82.44	Gyro	OK	
42.00	56.18	-82.43	Gyro	OK		45.00	56.27	-82.40	Gyro	OK	
48.00	55.86	-82.38	Gyro	OK		51.00	56.16	-82.40	Gyro	OK	
54.00	55.32	-82.42	Gyro	OK		57.00	54.08	-82.44	Gyro	OK	
60.00	53.84	-82.40	Gyro	OK		63.00	54.40	-82.41	Gyro	OK	
66.00	53.90	-82.46	Gyro	OK		69.00	53.95	-82.45	Gyro	OK	
72.00	55.04	-82.48	Gyro	OK		75.00	54.97	-82.49	Gyro	OK	
78.00	54.82	-82.43	Gyro	OK		81.00	55.04	-82.39	Gyro	OK	
84.00	54.87	-82.38	Gyro	OK		87.00	55.78	-82.41	Gyro	OK	
90.00	56.99	-82.46	Gyro	OK		93.00	57.78	-82.49	Gyro	OK	
96.00	57.98	-82.49	Gyro	OK		99.00	57.01	-82.50	Gyro	OK	
102.00	57.84	-82.48	Gyro	OK		105.00	56.38	-82.48	Gyro	OK	
108.00	56.62	-82.49	Gyro	OK		111.00	58.15	-82.44	Gyro	OK	
114.00	57.21	-82.49	Gyro	OK		117.00	58.54	-82.48	Gyro	OK	
120.00	57.68	-82.51	Gyro	OK		123.00	57.39	-82.56	Gyro	OK	
126.00	58.17	-82.55	Gyro	OK		129.00	58.83	-82.60	Gyro	OK	
132.00	58.20	-82.59	Gyro	OK		135.00	57.56	-82.56	Gyro	OK	



DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
138.00	57.99	-82.53	Gyro	OK		141.00	56.62	-82.46	Gyro	OK	
144.00	58.62	-82.48	Gyro	OK		147.00	58.04	-82.50	Gyro	OK	
150.00	56.91	-82.45	Gyro	OK		153.00	57.46	-82.40	Gyro	OK	
156.00	58.15	-82.34	Gyro	OK		159.00	57.95	-82.30	Gyro	OK	
162.00	58.02	-82.25	Gyro	OK		165.00	58.37	-82.21	Gyro	OK	
168.00	60.73	-82.16	Gyro	OK		171.00	60.97	-82.08	Gyro	OK	
174.00	60.21	-82.07	Gyro	OK		177.00	61.03	-82.03	Gyro	OK	
180.00	61.89	-82.03	Gyro	OK		183.00	62.41	-82.01	Gyro	OK	
186.00	61.86	-81.99	Gyro	OK		189.00	61.22	-81.95	Gyro	OK	
192.00	62.32	-81.86	Gyro	OK		195.00	62.92	-81.74	Gyro	OK	
198.00	64.48	-81.71	Gyro	OK		201.00	66.82	-81.67	Gyro	OK	
204.00	66.59	-81.64	Gyro	OK		207.00	67.49	-81.69	Gyro	OK	
210.00	68.25	-81.77	Gyro	OK		213.00	68.70	-81.79	Gyro	OK	
216.00	70.46	-81.79	Gyro	OK		219.00	71.55	-81.79	Gyro	OK	
222.00	71.98	-81.81	Gyro	OK		225.00	71.12	-81.97	Gyro	OK	
228.00	70.48	-81.98	Gyro	OK		231.00	71.69	-82.01	Gyro	OK	
234.00	70.95	-82.03	Gyro	OK		237.00	72.84	-82.03	Gyro	OK	
240.00	72.63	-82.16	Gyro	OK		243.00	72.67	-82.24	Gyro	OK	
246.00	73.18	-82.21	Gyro	OK		249.00	74.49	-82.01	Gyro	OK	
252.00	74.71	-81.78	Gyro	OK		255.00	73.57	-81.63	Gyro	OK	
258.00	73.22	-81.55	Gyro	OK		261.00	73.79	-81.60	Gyro	OK	
264.00	75.53	-81.64	Gyro	OK		267.00	75.91	-81.66	Gyro	OK	
270.00	76.93	-81.60	Gyro	OK		273.00	76.17	-81.59	Gyro	OK	
276.00	77.69	-81.59	Gyro	OK		279.00	75.76	-81.54	Gyro	OK	
282.00	77.31	-81.30	Gyro	OK		285.00	75.96	-81.47	Gyro	OK	
288.00	78.64	-81.42	Gyro	OK		291.00	77.01	-81.47	Gyro	OK	
294.00	78.40	-81.46	Gyro	OK		297.00	77.02	-81.43	Gyro	OK	
300.00	79.96	-81.43	Gyro	OK		303.00	80.17	-81.39	Gyro	OK	
306.00	79.85	-81.36	Gyro	OK		309.00	80.24	-81.35	Gyro	OK	
312.00	81.31	-81.31	Gyro	OK		315.00	80.89	-81.29	Gyro	OK	
318.00	81.48	-81.35	Gyro	OK		321.00	80.33	-81.35	Gyro	OK	
324.00	79.19	-81.42	Gyro	OK		327.00	78.76	-81.36	Gyro	OK	

Dec 18, 2006

noranda

DETAILED LOG

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Hole Number: ER2006-06B

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	0.60	C, Casing								

DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0.60	74.60	7a, Gabbronorite Fine to medium grained, homogenous, grey, massive, weakly to moderately magnetic (locally highly magnetic) gabbronorite composed of 50-60% plagioclase, 35-50% pyroxenes and trace to 5% garnets. Locally, plagioclase appears pale green, waxy looking, but appears grey-pink unaltered. Larger pyroxene crystals have lighter alteration haloes (mm scale) surrounding them, giving a spotted appearance. This unit contains trace to 1% fine grained disseminated pyrrhotite throughout. Locally on a dm scale, sulphide concentrations range from 2-3% (pyrrhotite occurring with pyrite and chalcopyrite). The lower contact of this unit is very sharp along a downhole anorthosite at 80 degrees to the ca. Within 60cm of the lower contact, mm scale biotite crystals appear, overprinting pyroxenes. 66.50-66.70m: Fault Zone - serpentine-carbonate-talc+quartz infilled (semi-consolidated gouge, friable). The upper and lower contacts of this zone are 15 and 30 degrees to the ca, respectively. Alteration 44.00 - 47.70 : Sil Silicification, P Pervasive, M Moderate Alteration proximal to fault at ~46m, possibly silicification. 58.65 - 58.90 : SERP Serpentine, F Fracture-Controlled, M Moderate Serpentine veinlet at ~5-10 tca 36.13 - 38.10 : SERP Serpentine, F Fracture-Controlled, M Moderate 1cm wide, sub-parallel (5-10 degrees tca) serp+ carbonate veinlet. 53.00 - 53.01 : SERP Serpentine, F Fracture-Controlled, M Moderate 1cm wide serp-cb veinlet (15 tca) 59.14 - 59.15 : SERP Serpentine, F Fracture-Controlled, M Moderate Serpentine veinlet at 15 tca Structure 45.95 - 46.80 : F Fault, 30 Deg to CA Upper contact to fault zone at 30 degrees tca. Sub-parallel shear-fault gouge is pyrite-bearing 66.50 - 67.70 : F Fault, 23 Deg to CA Ucon and lcon at 15 and 30 tca, respectively. RQD 0.60 - 3.00 : 63.00 % RQD 100.00 % Core 3.00 - 6.00 : 97.00 % RQD 100.00 % Core 6.00 - 9.00 : 93.00 % RQD 100.00 % Core 9.00 - 12.00 : 85.00 % RQD 100.00 % Core 12.00 - 15.00 : 93.00 % RQD 100.00 % Core 15.00 - 18.00 : 79.00 % RQD 100.00 % Core 18.00 - 21.00 : 91.00 % RQD 100.00 % Core 21.00 - 24.00 : 92.00 % RQD 100.00 % Core 24.00 - 27.00 : 90.00 % RQD 100.00 % Core	PG04558	25.00	26.03	1.03			0.0700	1.40
			PG04559	26.03	26.78	.75			2.0600	8.60
			PG04560	26.78	28.00	1.22			0.0900	0.50



DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Detailed Lithology

From		To	Lithology		Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
			RQD									
		27.00	-	30.00 : 90.00 % RQD 100.00 % Core								
		30.00	-	33.00 : 95.00 % RQD 100.00 % Core								
		33.00	-	36.00 : 100.00 % RQD 100.00 % Core								
		36.00	-	39.00 : 94.00 % RQD 100.00 % Core								
		39.00	-	42.00 : 95.00 % RQD 100.00 % Core								
		42.00	-	45.00 : 94.00 % RQD 100.00 % Core								
		45.00	-	48.00 : 70.00 % RQD 100.00 % Core								
		48.00	-	51.00 : 90.00 % RQD 100.00 % Core								
		51.00	-	54.00 : 67.00 % RQD 100.00 % Core								
		54.00	-	57.00 : 41.00 % RQD 100.00 % Core								
		57.00	-	60.00 : 75.00 % RQD 100.00 % Core								
		60.00	-	63.00 : 91.00 % RQD 100.00 % Core								
		63.00	-	66.00 : 73.00 % RQD 100.00 % Core								
		66.00	-	69.00 : 70.00 % RQD 100.00 % Core								
		69.00	-	72.00 : 88.00 % RQD 100.00 % Core								
		72.00	-	75.00 : 90.00 % RQD 100.00 % Core								
		MINOR INTERVALS:										
		Minor Interval:										
		26.03 - 26.78 MS, MASSIVE SULPHIDE (>75%)										
		Coarse grained pyrrhotite with 5% chalcopyrite veinlets and patches.										
		This unit contains 5% gabbroic clasts as mm to cm scale angular clasts.										
		The upper contact of this unit is very sharp at 60 tca, with the lower										
		contact appearing equally as sharp but irregular. Proximal to the lower										
		contact (15cm influence), coarse grained (recrystallized?) pyroxenes										
		occur.										

DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
74.60	84.35	4, Anorthosite / Anorthositic Gabbro White to dull grey, non-magnetic, medium to coarse grained, highly fractured anorthosite composed of various amounts of plagioclase, biotite and pyroxenes. This unit is highly fractured and healed with quartzofeldspathic material and ground-up anorthosite (plagioclase+chlorite). Locally, massive biotite horizons occur (i.e. 80.46-80.60m). This unit is unmineralized. The upper and lower contacts of this unit are sharp at 90 and 80 degrees to the ca. RQD 75.00 - 78.00 : 67.00 % RQD 100.00 % Core 78.00 - 81.00 : 96.00 % RQD 100.00 % Core 81.00 - 84.00 : 83.00 % RQD 100.00 % Core 84.00 - 87.00 : 80.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
84.35	178.10	7a, Gabbronorite Dark green to grey, massive to locally weakly foliated, weakly magnetic, fine grained gabbronorite composed of ~40-60% plagioclase and ~40-60% pyroxenes. Larger pyroxene crystals appear to have fine grained disseminated magnetic crystals throughout. This unit contains variable mineralization (trace to 2% fine grained, disseminated pyrrhotite). The lower contact of this unit is sharp along a downhole mafic dyke at 15 degrees tca. 97.80-98.00m: Major fault - Friable, gouge at break of core. Difficult to ascertain the core angles but appears on the downhole piece to be ~60 degrees tca. Foliations leading to the break in rock are at 35 degrees tca (96.6-98m). 103.60-120.00m: Plagioclase altered pink-grey, whiter proximal to pyroxene crystals. Pyroxenes appear as mm scale, black crystals containing fine grained, disseminated magnetite throughout. 123.2-124m: FAULT ZONE (see minor units) 126.7-128.5m: FAULT ZONE (see minor units) 134.4-134.70m: FAULT ZONE. Highly broken core with serpentine fracturing (sub-parallel to 35 degrees tca) throughout. Locally, pyrite cubes occur within quartz-carbonate veins. The upper and lower contacts are both sharp at 35 and 30 degrees tca. 135.3-136m: Broken core (sub-parallel to parallel serpentine fractures throughout). 169.35-178.10m: Gabbronorite exhibiting a prominent gneissocity, ranging between 40 and 50 degrees to the ca. The plagioclase within this subunit is altered to pale blue-green. This altered horizon contains 1-3% fine grained disseminated pyrrhotite and 1% disseminated magnetite. Texture 100.60 - 103.60 : Cg Coarse Grained Gabbronorite to norite (~70 pyroxenes, 30 plagioclase). Presence of dull grey patches of magnetite, although not overly magnetic? 110.30 - 113.00 : Cg Coarse Grained Gabbronorite (~50 pyroxenes, 50 plagioclase). Presence of dull grey patches of magnetite, although not overly magnetic? Alteration 89.35 - 89.80 :SERP Serpentine, F Fracture-Controlled, M Moderate Low angle (10 degrees tca) serpentine veinlet parallel to the core; result is broken core. 104.51 - 104.53 :SERP Serpentine, F Fracture-Controlled, M Moderate Serp-quartzofeldspathic veinlet (10 tca)	PG04561	169.35	171.00	1.65			0.0600	0.25
			PG04562	171.00	172.50	1.50			0.0500	0.25
			PG04563	172.50	174.00	1.50			0.0900	0.25
			PG04564	174.00	175.50	1.50			0.0600	0.25
			PG04565	175.50	176.60	1.10			0.1400	0.60
			PG04566	176.60	177.16	.56			0.0250	0.25
			PG04567	177.16	178.10	.94			0.1100	0.25

DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		Alteration 107.78 - 107.80 :SERP Serpentine, F Fracture-Controlled, M Moderate Serp-quartzofeldspathic veinlet (20 tca) 129.50 - 129.60 :SERP Serpentine, V Vein, M Moderate Black serpentine vein with upper and lower contacts at 35 and 40 tca, respectively. 151.70 - 151.73 :SERP Serpentine, F Fracture-Controlled, M Moderate Serpentine veinlet at 15 tca. Broken core to a depth of 152.50m 158.80 - 159.70 :AB Albite, V Vein, M Moderate 2-5cm wide plagioclase-rich (anorthosite?) veinlet parallel to ca 103.60 - 120.00 :ALT ALTERATION, P Pervasive, M Moderate Plagioclase altered pink-grey, whiter proximal to pyroxene crystals. Magnetite association 104.94 - 104.95 :SERP Serpentine, F Fracture-Controlled, M Moderate Serp-quartzofeldspathic veinlet (25 tca) 108.77 - 108.78 :SERP Serpentine, F Fracture-Controlled, M Moderate Serp-quartzofeldspathic veinlet (20 tca) 130.61 - 130.63 :SERP Serpentine, F Fracture-Controlled, M Moderate Serpentine veinlet (+py+-cb) at 20 tca 152.70 - 152.74 :SERP Serpentine, F Fracture-Controlled, M Moderate Serpentine veinlet at 40 tca. Structure 91.40 - 91.42 : S Shear, 65 Deg to CA Quartzofeldspathic shear zone with pyrite infilling 96.60 - 97.80 : Sm General Foliation, 35 Deg to CA Build-up to fault zone 97.80 - 98.00 : F Fault, 60 Deg to CA Prominent foliation from 96.6m-98m as a build-up to the fault (97.2m - 35 degrees tca). Friable, Gouge. 112.15 - 112.60 : S Shear, 45 Deg to CA Ucon at 45 degrees tca. Angular fragments (mm to cm scale) within a chlorite-rich groundmass. 134.45 - 134.70 : F Fault, 35 Deg to CA See comments in major description 135.30 - 136.00 : S Shear, 10 Deg to CA BROKEN CORE, see major description 162.10 - 162.23 : S Shear, 45 Deg to CA Semi-consolidated serp-chlorite-quartz-carbonate vein. The upper and lower contacts are sharp at 30 and 45 tca 176.55 - 176.60 : S Shear, 60 Deg to CA Serpentine-quartz-carbonate veinlet within shear zone RQD 87.00 - 90.00 : 63.00 % RQD 100.00 % Core 90.00 - 93.00 : 83.00 % RQD 100.00 % Core 93.00 - 96.00 : 80.00 % RQD 100.00 % Core 96.00 - 99.00 : 79.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
99.00	- 102.00	: 87.00 % RQD 100.00 % Core								
102.00	- 105.00	: 85.00 % RQD 100.00 % Core								
105.00	- 108.00	: 63.00 % RQD 100.00 % Core								
108.00	- 111.00	: 76.00 % RQD 100.00 % Core								
111.00	- 114.00	: 65.00 % RQD 100.00 % Core								
114.00	- 117.00	: 92.00 % RQD 100.00 % Core								
117.00	- 120.00	: 71.00 % RQD 100.00 % Core								
120.00	- 123.00	: 33.00 % RQD 100.00 % Core								
		BROKEN CORE from 120.7-130.8m								
123.00	- 126.00	: 70.00 % RQD 100.00 % Core								
		BROKEN CORE from 120.7-130.8m								
126.00	- 129.00	: 41.00 % RQD 100.00 % Core								
		BROKEN CORE from 120.7-130.8m								
129.00	- 132.00	: 52.00 % RQD 100.00 % Core								
		BROKEN CORE from 120.7-130.8m								
132.00	- 135.00	: 82.00 % RQD 100.00 % Core								
135.00	- 138.00	: 62.00 % RQD 100.00 % Core								
138.00	- 141.00	: 97.00 % RQD 100.00 % Core								
141.00	- 144.00	: 88.00 % RQD 100.00 % Core								
144.00	- 147.00	: 100.00 % RQD 100.00 % Core								
147.00	- 150.00	: 88.00 % RQD 100.00 % Core								
150.00	- 153.00	: 33.00 % RQD 100.00 % Core								
153.00	- 156.00	: 77.00 % RQD 100.00 % Core								
156.00	- 159.00	: 61.00 % RQD 100.00 % Core								
159.00	- 162.00	: 41.00 % RQD 70.00 % Core								
		LOST CORE (160.3-161m), broken, talc-serpentine rubble. Core angles appear to be parallel to ca.								
162.00	- 165.00	: 87.00 % RQD 100.00 % Core								
165.00	- 168.00	: 84.00 % RQD 100.00 % Core								
168.00	- 171.00	: 85.00 % RQD 100.00 % Core								
171.00	- 174.00	: 83.00 % RQD 100.00 % Core								
174.00	- 177.00	: 71.00 % RQD 100.00 % Core								
177.00	- 180.00	: 60.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 123.2 - 124.4, Anorthosite / Anorthositic Gabbro FAULT ZONE Upper contact is difficult to determine as it is lost within ground core. The lower contact is within broken core at ~35 tca. The upper 30cm is a typical anorthosite (white, massive, non-magnetic, homogenous, coarse grained composed of +95% plagioclase). From 123.5-124m, measurements are difficult due to the nature of the core (highly friable), gouge with mm to cm scale anorthosite and gabbroic fragments (semi-angular to semi-rounded). Core axis angles from larger pieces within this fault zone vary from semi-parallel to 30 degrees tca. Locally, pyrite veinlets occurs within the broken core. Structure 123.20 - 124.00 : F Fault, 35 Deg to CA See minor unit comments Minor Interval: 126.7 - 128.5, Anorthosite / Anorthositic Gabbro FAULT ZONE (BRECCIA) Very sharp upper contact but it is irregular along minute slips and offsets. The lower contact is faulted over 3cm (semi-rounded anorthositic fragments within a chloritic matrix) at ~65 degrees tca. 127.3-127.7m: Very sharp upper contact at 30 degrees tca. Mm to cm scale semi-rounded to semi-angular anorthosite fragments within a fine grained black matrix (chloritic?). One discernible gabbroic "raft" (~5cm wide) occurs within the fault breccia. Intact core appears as relatively "typical" anorthosite (grey to locally green-grey, non-magnetic, medium grained composed of 85% plagioclase and 15% biotite +/- chlorite). Structure 126.70 - 128.50 : F Fault, 30 Deg to CA See minor unit comments Minor Interval: 168.25 - 169.35 10f, Mafic dykes Black, fine grained, weakly magnetic, homogenous, massive mafic dyke composed of 85% pyroxenes + chlorite and 15% plagioclase. This unit is unmineralized. The upper contact of this unit is 75 degrees tca; the lower contact is lost within broken core.								

DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 176.6 - 177.16 10f, Mafic dykes As described from 168.25-169.35m. The upper contact is sharp but irregular, the lower contact is sharp at 45 degrees tca. Minor Interval: 177.43 - 177.81 7a, Gabbronorite Half barrel of mafic dyke, half barrel of gabbronorite (parallel contact).								
178.10	182.10	10f, Mafic dykes Black, fine grained, weakly magnetic, homogenous, massive mafic dyke composed of 85% pyroxenes + chlorite and 15% plagioclase. This unit is unmineralized. The upper contact of this unit is sharp at 15 degrees tca; the lower contact is sharp but highly irregular. RQD 180.00 - 183.00 : 85.00 % RQD 100.00 % Core	PG04568	178.10	179.00	.90			0.0250	0.25
182.10	185.98	7a, Gabbronorite Massive, dark grey-green, homogenous, weakly magnetic gabbronorite composed of 60% pyroxene and 40% altered plagioclase (blue-green). This unit contains 1% fine grained disseminated pyrrhotite. The upper contact of this unit is sharp but irregular; the lower contact is sharp at 85 degrees tca. RQD 183.00 - 186.00 : 80.00 % RQD 100.00 % Core								
185.98	189.50	10f, Mafic dykes Gabbro Dyke? (2nd generation?) Fine to medium grained, homogenous, massive, weakly magnetic, green-grey-white gabbro composed of 50% pyroxene and 50% plagioclase. The upper 1.30m of this unit is finer grained and the lower 35cm of this unit are also finer grained. The upper and lower contacts of this unit are very sharp at 55 and 35 degrees tca. RQD 186.00 - 189.00 : 83.00 % RQD 100.00 % Core 189.00 - 192.00 : 88.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
189.50	289.95	7a, Gabbronorite Massive to locally foliated, dark grey to grey, weakly magnetic, medium grained gabbronorite composed of 45% pyroxenes (greyish-green - optically continuous) and 45% plagioclase, tr-5% garnets and 5% biotite. This unit contains several cm scale anorthositic veinlets at 65-70 degrees tca, which have dm scale alteration haloes (coarser grained plagioclase and pyroxenes, as well as higher concentrations of biotite). This unit contains several intermixed mafic dykes (see minor units). Mineralization consists of pyrrhotite, pyrite and rare chalcopyrite. Sulphides (trace to 2%) appear as fine grained disseminations as well as patches and splashes 269.50-274.00m: Very broken core (semi-parallel mm to cm scale serpentine veinlets.) 274.00-289.95m: Coarse grained, dark grey, massive, weakly to strongly magnetic, homogenous gabbronorite to norite composed of ~50% dark green to black, mm scale pyroxene crystals and ~50% grey plagioclase (lustrous, local red-brown hue). Locally, pyroxenes contain fine grained, disseminated magnetite (dull grey luster) within crystals. The magnetite and sulphide content have a direct correlation with the magnetic susceptibility. Sulphides (po, cpy, py) within this horizon occur as fine grained disseminations (proximal to uphole interval) to net-textured and/or heavy clots. Chalcopyrite occurs within pyrrhotite as distinct patches or as mm scale veinlets. See mineralization tab for intervals. The lower contact of this unit is sharp along a downhole massive sulphide vein at 25 degrees tca. Alteration 248.65 - 248.72 :SERP Serpentine, V Vein, M Moderate Locally sheared, serpentine veinlet with the upper and lower contacts sharp at 50 and 40 degrees tca. 259.06 - 259.30 :SERP Serpentine, V Vein, M Moderate Quartz-carbonate-serpentine veinlets (mm to cm-scale) injected horizon with upper and lower contacts sharp at 40 degrees tca. 248.00 - 248.40 :SERP Serpentine, V Vein, M Moderate 1-2cm wide serpentine veinlet parallel to ca 257.70 - 257.90 :SERP Serpentine, V Vein, M Moderate 1cm wide green serpentine veinlet at 15 tca. A 1cm wide pyrite veinlet crosscuts at 257.5 (45 tca). 267.35 - 267.37 :SERP Serpentine, V Vein, M Moderate Quartz-carbonate-serpentine veinlet (2cm wide) with upper and lower contacts sharp at 40 degrees tca. Structure 197.25 - 197.26 : F Fault, 50 Deg to CA Fault zone along a 5cm wide anorthositic wide, broken core for ~25cm downhole of fault.	PG04569	189.50	191.50	2.00			0.0700	0.50
			PG04570	191.50	192.88	1.38			0.0250	0.25
			PG04571	192.88	193.79	.91			0.0250	0.25
			PG04572	193.79	195.50	1.71			0.1300	0.90
			PG04573	195.50	197.00	1.50			0.1400	1.00
			PG04574	197.00	198.35	1.35			0.1000	0.90
			PG04576	198.35	199.63	1.28			0.0250	0.25
			PG04577	199.63	201.00	1.37			0.1400	0.80
			PG04578	201.00	202.50	1.50			0.0250	0.25
			PG04579	202.50	204.00	1.50			0.1100	0.80
			PG04580	224.50	226.00	1.50			0.0800	0.60
			PG04581	226.00	227.50	1.50			0.0900	0.25
			PG04582	227.50	229.00	1.50			0.0600	0.25
			PG04583	229.00	230.50	1.50			0.1100	0.25
			PG04584	230.50	232.00	1.50			0.0500	0.25
			PG04585	232.00	233.50	1.50			0.0250	0.25
			PG04586	233.50	234.95	1.45			0.1000	0.50
			PG04587	259.55	260.15	.60			0.0250	0.25
			PG04588	260.15	260.45	.30			0.0250	0.25
			PG04589	260.45	262.00	1.55			0.0250	0.25
			PG04590	262.00	263.50	1.50			0.0250	0.25
			PG04591	263.50	265.00	1.50			0.0250	0.25
			PG04592	265.00	266.50	1.50			0.0600	0.25
			PG04593	266.50	267.60	1.10			0.0600	0.25
			PG04594	267.60	268.70	1.10			0.0250	0.25
			PG04595	268.70	268.95	.25			0.0800	0.90
			PG04596	268.95	269.50	.55			0.0250	0.60
			PG04597	280.50	281.78	1.28			0.0250	0.60
			PG04598	281.78	282.80	1.02			0.2700	1.90
			PG04599	282.80	284.05	1.25			0.0700	0.80
			PG04601	284.05	285.15	1.10			0.3200	2.80
			PG04602	285.15	286.15	1.00			0.3900	2.90
			PG04603	286.15	287.15	1.00			0.7900	5.30
			PG04604	287.15	288.50	1.35			0.0700	0.70
			PG04605	288.50	289.95	1.45			0.1100	1.10

DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		Structure 233.25 - 233.26 : G Gneissosity, 55 Deg to CA 234.95 - 235.00 : S Shear, 40 Deg to CA Serpentine (locally fibrous) filled shear 243.60 - 243.72 : S Shear, 25 Deg to CA Quartz-carbonate veinlet containing ~20% fine grained pyrite. The upper and lower contacts are both sharp at 20 and 30 degrees tca. 253.19 - 253.20 : F Fault, 45 Deg to CA Core axis angles change from 30-60 degrees tca. Broken core uphole for ~25cm; 5cm downhole of fault zone contains mm-scale pyrrhotite veinlets.								
		RQD								
		192.00 - 195.00 : 74.00 % RQD 100.00 % Core								
		195.00 - 198.00 : 82.00 % RQD 100.00 % Core								
		198.00 - 201.00 : 76.00 % RQD 100.00 % Core								
		201.00 - 204.00 : 100.00 % RQD 100.00 % Core								
		204.00 - 207.00 : 95.00 % RQD 100.00 % Core								
		207.00 - 210.00 : 77.00 % RQD 100.00 % Core								
		210.00 - 213.00 : 91.00 % RQD 100.00 % Core								
		213.00 - 216.00 : 86.00 % RQD 100.00 % Core								
		216.00 - 219.00 : 67.00 % RQD 100.00 % Core								
		219.00 - 222.00 : 58.00 % RQD 100.00 % Core								
		222.00 - 225.00 : 74.00 % RQD 100.00 % Core								
		225.00 - 228.00 : 88.00 % RQD 100.00 % Core								
		228.00 - 231.00 : 56.00 % RQD 100.00 % Core								
		231.00 - 234.00 : 90.00 % RQD 100.00 % Core								
		234.00 - 237.00 : 78.00 % RQD 100.00 % Core								
		237.00 - 240.00 : 50.00 % RQD 100.00 % Core								
		240.00 - 243.00 : 65.00 % RQD 100.00 % Core								
		243.00 - 246.00 : 71.00 % RQD 100.00 % Core								
		246.00 - 249.00 : 66.00 % RQD 100.00 % Core								
		249.00 - 252.00 : 74.00 % RQD 100.00 % Core								
		252.00 - 255.00 : 70.00 % RQD 100.00 % Core								
		255.00 - 258.00 : 85.00 % RQD 100.00 % Core								
		258.00 - 261.00 : 81.00 % RQD 100.00 % Core								
		261.00 - 264.00 : 78.00 % RQD 100.00 % Core								
		264.00 - 267.00 : 68.00 % RQD 100.00 % Core								
		267.00 - 270.00 : 67.00 % RQD 100.00 % Core								
		270.00 - 273.00 : 44.00 % RQD 100.00 % Core								
		273.00 - 276.00 : 58.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD 276.00 - 279.00 : 93.00 % RQD 100.00 % Core 279.00 - 282.00 : 96.00 % RQD 100.00 % Core 282.00 - 285.00 : 100.00 % RQD 100.00 % Core 285.00 - 288.00 : 91.00 % RQD 100.00 % Core 288.00 - 291.00 : 94.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 192.83 - 193.79 10f, Mafic dykes As described from 168.25 to 169.35m. The upper and lower contacts of this unit are sharp at 80 and 60 degrees tca. Minor Interval: 198.35 - 199.63 10f, Mafic dykes As described from 168.25 to 169.35m. The upper and lower contacts of this unit are sharp at 55 and 35 degrees tca. Minor Interval: 216.2 - 218.7 4, Anorthosite / Anorthositic Gabbro Massive, white, non-magnetic, coarse grained anorthosite composed of ~90% plagioclase and 10% biotite. The upper and lower contacts of this unit are sharp at 55 and 60 degrees tca. 60cm uphole of the upper contact is well foliated at 60 degrees tca, within the gabbro. The lower contact occurs along a fault zone (semi-consolidated). Structure 218.69 - 218.70 : F Fault, 60 Deg to CA Minor Interval: 218.7 - 223.46 10f, Mafic dykes Unit composed of varying amounts of biotite, plagioclase and pyroxene. 218.70-220.4m: Mafic gneiss? Well foliated (55 degrees tca), black and brown unit with biotite, plagioclase, pyroxene and what appears as quartz (very difficult to determine as this unit is very fine grained). 220.4-221.7m: Massive, dark grey mafic dyke? gabbro? The unit contains pyroxenes, plagioclase +/- biotite. The lower contact of this unit is very fine grained (dyke?) which is sharp at 65 degrees tca. 221.7-222.85m: Altered gabbro. Light green-grey unit with 65% pyroxenes (partially altered to chlorite) and 35% plagioclase. The lower 20cm of this unit contains 10% mm scale garnets. 222.85-223.46m: Mafic dyke (as described from 168.25m-169.35m). The upper and lower contacts of this unit are very sharp but quite irregular.								

DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 237.5 - 238.4, Anorthosite / Anorthositic Gabbro Massive, white, non-magnetic, homogenous anorthosite vein composed of 95% plagioclase and 5% biotite. The upper contact of this unit is broken; the lower contact is very sharp at 30 tca.								
289.95	309.85	MS, MASSIVE SULPHIDE (>75%) 70% medium grained pyrrhotite, 5-10% chalcopyrite, 2% pyrite. Pyrrhotite locally occurs as well developed patches (replacing pyroxenes and/or plagioclase?); chalcopyrite appears as primarily remobilized within dm scale regions ("spalshy") or as distinct replacements of pyroxenes and/or plagioclase. Pyrite occurs as medium grained crystals proximal to more heavily chalcopyrite flooded regions. The groundmass (gangue) is gabbro-noritic in composition and occurs as distinct well developed crsytals (mm scale). The lower contact of this mineralization is sharp at 60 degrees tca. RQD 291.00 - 294.00 : 93.00 % RQD 100.00 % Core 294.00 - 297.00 : 97.00 % RQD 100.00 % Core 297.00 - 300.00 : 100.00 % RQD 100.00 % Core 300.00 - 303.00 : 95.00 % RQD 100.00 % Core 303.00 - 306.00 : 83.00 % RQD 100.00 % Core 306.00 - 309.00 : 97.00 % RQD 100.00 % Core 309.00 - 312.00 : 77.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 295.75 - 296.7a, Gabbronorite Minor Interval: 302.11 - 302.3 7a, Gabbronorite Minor Interval: 308.5 - 308.66 5, Undivided Metasediments	PG04606	289.95	291.50	1.55			0.5400	3.40
			PG04607	291.50	293.00	1.50			1.4100	9.50
			PG04608	293.00	294.50	1.50			0.9300	6.20
			PG04609	294.50	296.00	1.50			0.5400	3.70
			PG04610	296.00	297.00	1.00			0.6900	3.80
			PG04611	297.00	297.84	.84			1.1000	7.10
			PG04612	297.84	298.70	.86			9.9600	52.00
			PG04613	298.70	300.00	1.30			1.5100	9.00
			PG04614	300.00	301.50	1.50			0.5900	3.40
			PG04615	301.50	303.00	1.50			2.2300	13.10
			PG04616	303.00	304.50	1.50			4.5100	29.40
			PG04617	304.50	306.00	1.50			2.4100	15.50
			PG04618	306.00	307.50	1.50			0.9200	5.10
			PG04619	307.50	309.00	1.50			0.5500	2.90
			PG04620	309.00	309.85	.85			0.9800	5.90

DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Detailed Lithology

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
309.85	319.90	7b, Diorite GNEISS - ORTHOGNEISS (METADIORITE?) Fine grained, grey-white, heterogenous, moderately to well foliated, non-to weakly magnetic gneiss (ortho-?) composed of 40% plagioclase, 30% dark green pyroxenes (diopside?) and 30% chlorite-biotite. No visible quartz. This unit contains 15% felsic sweats as irregular undulations parallel to the gneissocitiy as well as cross-cutting. Locality, biotite dominates the rock (cm- to dm-scale) - generally proximal to felsic "sweats". This unit is unmineralized. The lower contact of this unit is sharp along a 4cm felsic "sweat" at 50 degrees tca. Structure 312.45 - 312.46 : G Gneissosity, 45 Deg to CA 313.90 - 313.91 : G Gneissosity, 40 Deg to CA 314.60 - 314.61 : G Gneissosity, 40 Deg to CA 316.80 - 316.81 : G Gneissosity, 30 Deg to CA RQD 312.00 - 315.00 : 69.00 % RQD 100.00 % Core 315.00 - 318.00 : 81.00 % RQD 100.00 % Core 318.00 - 321.00 : 95.00 % RQD 100.00 % Core	PG04621	309.85	311.00	1.15			0.0250	0.25

DETAILED LOG

Hole Number: ER2006-06B

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
319.90	345.00	7a, Gabbronorite Dark grey, fine to medium grained, weakly to moderately magnetic, massive norite composed of 60-80% pyroxenes (dark green, brown) and 20-40% plagioclase. Pyroxenes are optically continuous. Plagioclase appears grey to dark grey and therefore it is very difficult to differentiate from pyroxenes on the cut surface at first glance (looks like an ultramafic in places? - silicified?). Proximal to serpentine veinlets (<5% of rock unit), alteration haloes lend to proper identification of plagioclase. This unit contains dm-scale horizons with 2-5% sulphides (po-cpy) as patches and blebs. The lower contact of this unit is unknown as the maximum depth of the drill was reached. RQD 321.00 - 324.00 : 93.00 % RQD 100.00 % Core 324.00 - 327.00 : 49.00 % RQD 100.00 % Core 327.00 - 330.00 : 88.00 % RQD 100.00 % Core 330.00 - 333.00 : 93.00 % RQD 100.00 % Core 333.00 - 336.00 : 75.00 % RQD 100.00 % Core 336.00 - 339.00 : 90.00 % RQD 100.00 % Core 339.00 - 342.00 : 82.00 % RQD 100.00 % Core 342.00 - 345.00 : 51.00 % RQD 100.00 % Core	PG04622	330.00	331.35	1.35			0.0250	0.70
			PG04623	331.35	331.75	.40			0.1100	1.70
			PG04624	331.75	333.00	1.25			0.0800	1.20

DETAILED LOG

Hole Number: ER2006-07

Units: METRIC

Project Name:	Ertelien	Primary Coordinates	Grid: UTM84-32N	Destination Coordinates	Grid: UTM84-32N	Collar Dip:	-53.00
Project Number:	201	North:	6669264.30	North:	6669264.30	Collar Az:	55.00
Location:	Surface	East:	557451.10	East:	557451.10	Length:	151.40
		Elev:	380.50	Elev:	380.50	Start Depth:	0.00
Date Started:	Jul 20, 2006	Collar Survey:	N	Plugged:	N	Contractor:	Arctic Drilling A/S
Date Completed:	Jul 23, 2006	Multishot Survey:	N	Hole Size:	TT46	Core Storage:	
Logged By:	blairt	Pulse EM Survey:	N	Casing:	Left in Hole, capped	Final Depth:	151.40

Comments:

Sample Averages

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	0.60	C, Casing								

DETAILED LOG

Hole Number: ER2006-07

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0.60	44.95	7b, Diorite MAFIC GNEISS: ORTHOGNEISS? Fine grained, dark grey-green to green, well foliated (gneissosity), heterogenous, strongly to moderately magnetic gneiss composed of 5-10% poorly formed garnets, 25% biotite, 25% green amphiboles with a felsic groundmass (primarily plagioclase). Compositional banding within this unit occurs on a dm scale with more melanocratic horizons containing ~50% amphiboles, 20% biotite, 5% garnets within a felsic groundmass. Garnets are poorly formed and occur as clots and rosettes throughout the more mafic horizons. Locally, kspars occurs within more quartzofeldspathic horizons. The magnetic susceptibility of this unit is quite high (average of 28.3 x 10⁻³ SI) and is attributed to very fine grained disseminated magnetite throughout the unit. Locally, rare pyrite occurs. The lower contact of this unit is relatively sharp and was based on the magnetic susceptibility of the rock as well as the increased presence of felsic (Qtz and plagioclase) material. Interp: Orthogneiss Structure 4.10 - 4.11 : G Gneissosity, 25 Deg to CA 13.90 - 13.91 : G Gneissosity, 30 Deg to CA 20.30 - 20.31 : G Gneissosity, 40 Deg to CA 32.50 - 32.51 : G Gneissosity, 30 Deg to CA 37.30 - 37.31 : G Gneissosity, 45 Deg to CA RQD 0.60 - 3.00 : 37.00 % RQD 100.00 % Core 3.00 - 6.00 : 43.00 % RQD 100.00 % Core 6.00 - 9.00 : 47.00 % RQD 100.00 % Core 9.00 - 12.00 : 67.00 % RQD 100.00 % Core 12.00 - 15.00 : 50.00 % RQD 100.00 % Core 15.00 - 18.00 : 51.00 % RQD 100.00 % Core 18.00 - 21.00 : 62.00 % RQD 100.00 % Core 21.00 - 24.00 : 58.00 % RQD 100.00 % Core 24.00 - 27.00 : 79.00 % RQD 100.00 % Core 27.00 - 30.00 : 50.00 % RQD 100.00 % Core 30.00 - 33.00 : 36.00 % RQD 100.00 % Core 33.00 - 36.00 : 44.00 % RQD 100.00 % Core 36.00 - 39.00 : 60.00 % RQD 100.00 % Core 39.00 - 42.00 : 59.00 % RQD 100.00 % Core								

Dec 18, 2006

noranda

DETAILED LOG

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Hole Number: ER2006-07

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD 42.00 - 45.00 : 68.00 % RQD 100.00 % Core								

Hole Number: ER2006-07

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
44.95	117.90	5, Undivided Metasediments FELSIC GNEISS; PARAGNEISS? Fine grained, grey to pale green, moderately to well foliated, heterogenous, non-magnetic gneiss composed of 20% amphiboles, 15-25% biotite, trace to 5% garnet within a quartzofeldspathic groundmass This unit is altered (epidotization) from ~66.9m to 108.80m. The core appears light green to olive green in colour with epidote not well formed (crystal structure). In more heavily altered and faulted horizons, plagioclase is altered beige with a greenish hue and is very soft to scratch (kaolinite?taic?). 66.90 to ~73.00m: Brecciated core with semi-parallel to parallel veinlets of a fine grained material (chlorite? graphite?). Locally, an autobrecciated appearance is apparent (mm to cm scale semi-angular), along with white quartz veins +/- cubic pyrite-filled veinlets. The upper contact of this unit is sharp at 35 degrees tca. Downhole of this fault zone, epidotization is prevalent throughout. 87.25-87.60m: Low angle fault gouge (~10 degrees tca) which appears infiltrated with groundwater (friable gouge and weathered plagioclase and biotite). Vuggy quartzofeldspathic veinlets + carbonate are also apparent. 89.5-90.20m: As 87.25-87.60m. Sharp faulting at 89.5m (25 degrees tca) and between 89.7-90.20m (10 degrees tca). Overall, this unit contains trace pyrite throughout. The lower contact of this unit is based on the visual appearance of discernible siliceous horizons (remanent bedding?) with alternating biotite and garnet-bearing horizons (pelites). Alteration 66.90 - 108.80 :EP Epidote, P Pervasive, S Strong Structure 47.90 - 47.91 : G Gneissosity, 30 Deg to CA 51.50 - 51.51 : G Gneissosity, 40 Deg to CA 55.05 - 55.06 : G Gneissosity, 30 Deg to CA 62.50 - 62.51 : G Gneissosity, 45 Deg to CA 66.00 - 66.01 : G Gneissosity, 10 Deg to CA 66.90 - 73.00 : F Fault, 35 Deg to CA See major unit for description 73.50 - 73.51 : G Gneissosity, 40 Deg to CA 84.50 - 84.51 : G Gneissosity, 50 Deg to CA 87.25 - 87.60 : F Fault, 10 Deg to CA See major unit for description. 89.50 - 90.20 : S Shear, 25 Deg to CA See major unit for description								



DETAILED LOG

Hole Number: ER2006-07

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		Structure 92.50 - 92.52 : F Fault, 10 Deg to CA Mm scale gneissic fragments in a dark grey to black hard matrix (graphite?chlorite?). CORE IS BROKEN. 96.70 - 96.71 : G Gneissosity, 30 Deg to CA 100.00 - 100.01 : G Gneissosity, 20 Deg to CA 104.50 - 104.51 : G Gneissosity, 35 Deg to CA 111.50 - 111.51 : G Gneissosity, 30 Deg to CA 116.25 - 116.26 : G Gneissosity, 35 Deg to CA RQD 45.00 - 48.00 : 27.00 % RQD 100.00 % Core 48.00 - 51.00 : 65.00 % RQD 100.00 % Core 51.00 - 54.00 : 81.00 % RQD 100.00 % Core 54.00 - 57.00 : 61.00 % RQD 100.00 % Core 57.00 - 60.00 : 89.00 % RQD 100.00 % Core 60.00 - 63.00 : 49.00 % RQD 100.00 % Core 63.00 - 66.00 : 67.00 % RQD 100.00 % Core 66.00 - 69.00 : 70.00 % RQD 100.00 % Core 69.00 - 72.00 : 47.00 % RQD 100.00 % Core 72.00 - 75.00 : 59.00 % RQD 100.00 % Core 75.00 - 78.00 : 78.00 % RQD 100.00 % Core 78.00 - 81.00 : 38.00 % RQD 100.00 % Core 81.00 - 84.00 : 60.00 % RQD 100.00 % Core 84.00 - 87.00 : 83.00 % RQD 100.00 % Core 87.00 - 90.00 : 67.00 % RQD 100.00 % Core 90.00 - 93.00 : 81.00 % RQD 100.00 % Core 93.00 - 96.00 : 76.00 % RQD 100.00 % Core 96.00 - 99.00 : 80.00 % RQD 100.00 % Core 99.00 - 102.00 : 72.00 % RQD 100.00 % Core 102.00 - 105.00 : 87.00 % RQD 100.00 % Core 105.00 - 108.00 : 78.00 % RQD 100.00 % Core 108.00 - 111.00 : 60.00 % RQD 100.00 % Core 111.00 - 114.00 : 76.00 % RQD 100.00 % Core 114.00 - 117.00 : 95.00 % RQD 100.00 % Core 117.00 - 120.00 : 50.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 55.05 - 58.75 5, Undivided Metasediments Horizon with mm to cm scale Kspar filled felsic "sweats" parallel to gneissosity.								

DETAILED LOG

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Hole Number: ER2006-07

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 95.9 - 96.45 5, Undivided Metasediments CONDUCTIVE FAULT ZONE? Quartz-carbonate-pyrite +-graphite?chorite? healed fault zone. The upper contact of this contact is irregular; the lower contact is sharp at ~15 degrees to ca. Pyrite occurs as very fine grained cubes throughout the zone. Structure 95.90 - 96.45 : F Fault, 15 Deg to CA								

DETAILED LOG

Hole Number: ER2006-07

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
117.90	144.20	3, Granitic Augen Gneiss BRECCIATED GNEISS - UNKNOWN PRECURSOR? Fine grained, pale green to green to grey to locally black, non-magnetic, heterogenous gneiss composed of varying amounts of quartz, plagioclase, epidote, biotite+muscovite and chlorite. The unit is pervasively altered (epidote and quartz) throughout. This unit is brecciated throughout as quartz+carbonate veining is prominent, with the main breccia zone at ~125-127.95m. Broken core occurs below 127.95m as a fault (gouge) at 10 degrees tca is apparent. The more intensely brecciated rock contains a dark black matrix (finer grained, chlorite) with mm to cm scale clasts (angular to semi-rounded). The unit is crosscut by 5% mm scale veinlets of granitic affinity (Kspar, quartz and green amphiboles?). The unit contains rare trace cubic pyrite, primarily in more brecciated zones. Texture 125.00 - 127.95 : Bx Breccia More prominent breccia zone. See major unit for description. Alteration 117.90 - 144.20 : EP Epidote, P Pervasive, M Moderate 117.90 - 144.20 : Sil Silicification, P Pervasive, M Moderate Structure 121.10 - 121.11 : G Gneissosity, 25 Deg to CA 139.95 - 139.96 : G Gneissosity, 50 Deg to CA RQD 120.00 - 123.00 : 84.00 % RQD 100.00 % Core 123.00 - 126.00 : 98.00 % RQD 100.00 % Core 126.00 - 129.00 : 86.00 % RQD 100.00 % Core 129.00 - 132.00 : 97.00 % RQD 100.00 % Core 132.00 - 135.00 : 60.00 % RQD 100.00 % Core 135.00 - 138.00 : 87.00 % RQD 100.00 % Core 138.00 - 141.00 : 84.00 % RQD 100.00 % Core 141.00 - 144.00 : 68.00 % RQD 100.00 % Core 144.00 - 147.00 : 52.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-07

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
144.20	151.40	5, Undivided Metasediments GNEISS - PARA-? Fine grained, green-grey, non-magnetic, heterogenous, well foliated (gneissosity) gneiss composed of 10-30% biotite and 5% garnets within a quartzofeldspathic groundmass. This unit appears altered (epidotization, silicification) proximal to crosscutting and foliation parallel veinlets (quartz and granitic affinity). This unit contains trace pyrite parallel to gneissosity. The lower contact of this unit is unknown as the hole was shutdown. Alteration 144.20 - 151.40 :EP Epidote, PT Patchy, M Moderate 144.20 - 151.40 :Sil Silicification, V Vein, M Moderate Structure 144.40 - 144.41 : G Gneissosity, 45 Deg to CA 149.50 - 149.51 : G Gneissosity, 40 Deg to CA RQD 147.00 - 150.00 : 54.00 % RQD 100.00 % Core 150.00 - 151.40 : 87.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-08

Units: METRIC

Project Name:	Ertelien	Primary Coordinates	Grid: UTM84-32N	Destination Coordinates	Grid: UTM84-32N	Collar Dip:	-65.50
Project Number:	201	North:	6669264.30	North:	6669264.30	Collar Az:	55.00
Location:	Surface	East:	557451.10	East:	557451.10	Length:	172.40
		Elev:	380.50	Elev:	380.50	Start Depth:	0.00
Date Started:	Jul 23, 2006	Collar Survey:	N	Plugged:	N	Contractor:	Arctic Drilling A/S
Date Completed:	Jul 27, 2006	Multishot Survey:	N	Hole Size:	TT46	Core Storage:	
Logged By:	blairt	Pulse EM Survey:	N	Casing:	Left in Hole, capped	Final Depth:	172.40

Comments:

Sample Averages

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	1.40	C, Casing								

DETAILED LOG

Hole Number: ER2006-08

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
		45.00 - 48.00 : 19.00 % RQD 100.00 % Core								
		BROKEN CORE								
		48.00 - 51.00 : 29.00 % RQD 100.00 % Core								
		BROKEN CORE								
		51.00 - 54.00 : 67.00 % RQD 100.00 % Core								
		BROKEN CORE								
		54.00 - 57.00 : 67.00 % RQD 100.00 % Core								
		57.00 - 60.00 : 49.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-08

Units: METRIC

[illegible]



DETAILED LOG

Hole Number: ER2006-08

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD 102.00 - 105.00 : 87.00 % RQD 100.00 % Core 105.00 - 108.00 : 75.00 % RQD 100.00 % Core 108.00 - 111.00 : 54.00 % RQD 100.00 % Core 111.00 - 114.00 : 54.00 % RQD 100.00 % Core 114.00 - 117.00 : 93.00 % RQD 100.00 % Core 117.00 - 120.00 : 80.00 % RQD 100.00 % Core 120.00 - 123.00 : 90.00 % RQD 100.00 % Core 123.00 - 126.00 : 70.00 % RQD 100.00 % Core 126.00 - 129.00 : 75.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 99.47 - 107.9 7a, Gabbronorite Mafic gneiss Fine grained, weakly foliated, dark grey-green, weakly magnetic, homogenous unit composed of 60% amphiboles-biotite, 5-10% poorly formed garnets (pale pink-brown) and plagioclase. The upper and lower contacts are both sharp at 50 degrees tca. Minor Interval: 107.9 - 108.6 8, Dyke FELSIC DYKE Coarse grained, massive, non-magnetic, white-green-flesh coloured dyke? composed of 55% plagioclase, 20% Kspar and varying amounts of quartz, garnets, chlorite and biotite. This unit contains rare trace, pathcy pyrite. The upper and lower contacts of this unit are sharp at 50 and 40 degrees to the ca, respectively.								



DETAILED LOG

Hole Number: ER2006-08

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
129.00	164.75	3, Granitic Augen Gneiss BRECCIATED GNEISS - UNKNOWN PRECURSOR? GRANITIC? GNEISS Fine grained, pale green to green to grey to locally black, non-magnetic, heterogenous gneiss composed of varying amounts of quartz, plagioclase, epidote, biotite+muscovite and chlorite. The unit is pervasively altered (epidote and quartz) throughout. 150.50-164.75m: Brecciated core containing 15-25% mm scale chlorite microfractures and microveinlets at various angles throughout the unit. Numerous shear and fault zones with quartz-plagioclase infilling occur throughout. Locally, pyrite cubes occur proximal to fault zones. The more intensely brecciated rock contains a dark black matrix (finer grained, chlorite) with mm to cm scale clasts (angular to semi-rounded). The unit is crosscut by 5% mm scale veinlets of granitic affinity (Kspar, quartz and green amphiboles?). Structure 136.75 - 136.76 : G Gneissosity, 25 Deg to CA 144.80 - 144.81 : G Gneissosity, 25 Deg to CA 150.50 - 150.51 : S Shear, 15 Deg to CA 157.55 - 157.56 : F Fault, 15 Deg to CA Fault gouge (1cm) along a quartz-plagioclase vein from 157.55-158 (ucon at 15, lcon at 20) RQD 129.00 - 132.00 : 88.00 % RQD 100.00 % Core 132.00 - 135.00 : 100.00 % RQD 100.00 % Core 135.00 - 138.00 : 80.00 % RQD 100.00 % Core 138.00 - 141.00 : 89.00 % RQD 100.00 % Core 141.00 - 144.00 : 100.00 % RQD 100.00 % Core 144.00 - 147.00 : 95.00 % RQD 100.00 % Core 147.00 - 150.00 : 76.00 % RQD 100.00 % Core 150.00 - 153.00 : 73.00 % RQD 100.00 % Core 153.00 - 156.00 : 78.00 % RQD 100.00 % Core 156.00 - 159.00 : 74.00 % RQD 100.00 % Core 159.00 - 162.00 : 70.00 % RQD 100.00 % Core 162.00 - 165.00 : 73.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 157.55 - 158 8, Dyke Quartz-plagioclase vein. The upper and lower contacts are sharp at 15 and 20 degrees tca.								



DETAILED LOG

Hole Number: ER2006-08

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 158.93 - 159.13 8, Dyke Quartz and plagioclase vein. The upper and lower contacts are sharp at 20 and 25 degrees tca, respectively.								
164.75	172.40	8, Dyke Quartz-feldspar vein with 35-45% gneiss (granitic?) fragments (angular and rounded). This vein contains numerous vugs, with "geode" like crystals. The lower contact of this unit is unknown as the hole was shutdown. RQD 165.00 - 168.00 : 59.00 % RQD 100.00 % Core 168.00 - 171.00 : 65.00 % RQD 100.00 % Core 171.00 - 172.40 : 39.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-09

Units: METRIC

Project Name: Ertelien	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM84-32N	Collar Dip: -67.00
Project Number: 201	North: 6659711.40	North: 6659711.40	Collar Az: 53.00
Location: Surface	East: 558044.50	East: 558044.50	Length: 339.30
	Elev: 173.50	Elev: 173.50	Start Depth: 0.00
Date Started: Jul 28, 2006	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Aug 12, 2006	Multishot Survey: Y	Hole Size: TT46	Core Storage:
Logged By: Iarsw	Pulse EM Survey: N	Casing: Left in Hole, capped	Final Depth: 339.30

Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	65.00	-67.97	Gyro	OK		3.00	65.36	-67.82	Gyro	OK	
6.00	66.76	-67.76	Gyro	OK		9.00	68.59	-67.91	Gyro	OK	
12.00	67.88	-67.89	Gyro	OK		15.00	66.26	-67.88	Gyro	OK	
18.00	66.29	-67.70	Gyro	OK		21.00	65.44	-67.75	Gyro	OK	
24.00	69.20	-67.79	Gyro	OK		27.00	67.35	-67.75	Gyro	OK	
30.00	68.73	-67.75	Gyro	OK		33.00	66.33	-67.74	Gyro	OK	
36.00	68.50	-67.73	Gyro	OK		39.00	69.24	-67.70	Gyro	OK	
42.00	69.50	-67.65	Gyro	OK		45.00	68.02	-67.60	Gyro	OK	
48.00	67.86	-67.60	Gyro	OK		51.00	69.76	-67.65	Gyro	OK	
54.00	68.09	-67.57	Gyro	OK		57.00	71.38	-67.37	Gyro	OK	
60.00	71.12	-67.27	Gyro	OK		63.00	67.92	-67.23	Gyro	OK	
66.00	71.57	-67.33	Gyro	OK		69.00	69.14	-67.37	Gyro	OK	
72.00	68.09	-67.36	Gyro	OK		75.00	70.82	-67.28	Gyro	OK	
78.00	68.38	-67.14	Gyro	OK		81.00	68.56	-67.27	Gyro	OK	
84.00	70.80	-67.30	Gyro	OK		87.00	68.77	-67.36	Gyro	OK	
90.00	70.99	-67.42	Gyro	OK		93.00	69.06	-67.50	Gyro	OK	
96.00	68.34	-67.34	Gyro	OK		99.00	71.44	-67.21	Gyro	OK	
102.00	69.79	-67.10	Gyro	OK		105.00	71.89	-67.19	Gyro	OK	
108.00	70.46	-66.96	Gyro	OK		111.00	71.18	-67.08	Gyro	OK	
114.00	70.11	-66.86	Gyro	OK		117.00	71.40	-66.98	Gyro	OK	
120.00	69.19	-67.08	Gyro	OK		123.00	71.92	-66.92	Gyro	OK	
126.00	70.78	-66.85	Gyro	OK		129.00	71.68	-67.06	Gyro	OK	
132.00	72.41	-66.71	Gyro	OK		135.00	69.32	-66.90	Gyro	OK	
138.00	69.51	-66.66	Gyro	OK		141.00	70.10	-66.64	Gyro	OK	
144.00	70.59	-66.64	Gyro	OK		147.00	70.73	-66.62	Gyro	OK	

Hole Number: ER2006-09

Units: METRIC

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
150.00	70.16	-66.70	Gyro	OK		153.00	70.88	-66.46	Gyro	OK	
156.00	70.22	-66.62	Gyro	OK		159.00	70.85	-66.36	Gyro	OK	
162.00	73.06	-66.51	Gyro	OK		165.00	69.25	-66.54	Gyro	OK	
168.00	73.39	-66.28	Gyro	OK		171.00	71.95	-66.36	Gyro	OK	
174.00	69.34	-66.20	Gyro	OK		177.00	73.64	-66.30	Gyro	OK	
180.00	71.33	-66.08	Gyro	OK		183.00	71.46	-65.97	Gyro	OK	
186.00	73.19	-66.07	Gyro	OK		189.00	72.42	-65.82	Gyro	OK	
192.00	73.01	-65.95	Gyro	OK		195.00	72.75	-66.05	Gyro	OK	
198.00	72.81	-66.19	Gyro	OK		201.00	74.30	-66.07	Gyro	OK	
204.00	74.05	-66.12	Gyro	OK		207.00	76.61	-66.05	Gyro	OK	
210.00	78.49	-66.27	Gyro	OK		213.00	79.70	-66.06	Gyro	OK	
216.00	79.30	-66.03	Gyro	OK		219.00	75.12	-66.13	Gyro	OK	
222.00	77.15	-66.00	Gyro	OK		225.00	75.06	-66.08	Gyro	OK	
228.00	81.34	-65.88	Gyro	OK		231.00	80.83	-66.07	Gyro	OK	
234.00	78.87	-65.73	Gyro	OK		237.00	82.85	-65.94	Gyro	OK	
240.00	83.86	-65.92	Gyro	OK		243.00	81.15	-65.91	Gyro	OK	
246.00	83.32	-65.74	Gyro	OK		249.00	82.28	-65.95	Gyro	OK	
252.00	79.11	-65.71	Gyro	OK		255.00	79.34	-65.82	Gyro	OK	
258.00	78.76	-65.92	Gyro	OK		261.00	79.64	-65.65	Gyro	OK	
264.00	81.04	-65.71	Gyro	OK		267.00	77.62	-65.78	Gyro	OK	
270.00	79.27	-65.61	Gyro	OK		273.00	80.53	-65.81	Gyro	OK	
276.00	78.87	-65.42	Gyro	OK		279.00	79.26	-65.64	Gyro	OK	
282.00	81.13	-65.47	Gyro	OK		285.00	79.05	-65.80	Gyro	OK	
288.00	79.83	-65.56	Gyro	OK		291.00	81.98	-65.80	Gyro	OK	
294.00	77.37	-65.49	Gyro	OK		297.00	76.96	-65.34	Gyro	OK	
300.00	77.33	-65.25	Gyro	OK		306.00	77.51	-65.00	Gyro	OK	
309.00	77.67	-64.97	Gyro	OK		312.00	77.97	-65.12	Gyro	OK	
315.00	78.67	-64.87	Gyro	OK		318.00	79.26	-64.58	Gyro	OK	
321.00	80.21	-64.80	Gyro	OK		324.00	81.25	-64.54	Gyro	OK	
327.00	81.24	-64.53	Gyro	OK							

Detailed Lithology

From To		Lithology	Assay Data							
Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt			
0	1.30	C, Casing								

DETAILED LOG

Hole Number: ER2006-09

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
1.30	256.70	7a, Gabbronorite This unit consists of a dark gray to gray-mottled, non-foliated, variably magnetic, on a meter-scale homogeneous, pyroxene and plagioclase (+/- alteration minerals)-bearing medium-grained gabbronorite. Locally, characteristic larger opx (bronzite?) can be seen in the drill core. Commonly the magnetic susceptibility is <5, however, locally higher values have been observed (53 - 80m, 164 - 190m) and are possibly due to magnetite as well as magnetic po. The unit is cut by numerous serpentinized, talcose, locally chlorite-bearing shears at moderate core angles. Very fine-grained homogeneous, mafic intrusive (?) dykes are common. Locally, up to ~1cm in diameter garnet clusters occur. The unit contains up to ~20% (?) biotite in close vicinity to the pegmatitic anorthosite (see minor units). Between the two anorthosite units the rock is well foliated very similar to a mafic gneiss. INTERPRETATION: Even though the foliated rock is similar to a mafic gneiss, it is believed that it is not a sliver/raft of gneiss but rather that the increased fluid flow that must have been present during emplacement of the pegmatitic anorthosite and any movement along this natural zone of weakness facilitated fabric development. The core is broken between 100.00m and 100.80m (fault) 126.1m - 126.5m: quartz-feldspar breccia with underlying fine-grained mafic intrusive. 171.56m - 172.00m: fine-grained homogeneous mafic intrusive; the upper and lower contacts are sharp at 80 and 50 degrees tca, respectively. Minor po and cpy mineralization occurs over ~2cm along the footwall contact. Between ~178 and ~190m the rock has a mottled appearance, with possible recrystallization textures and larger ?xenocrysts?. Locally, the rock appears weakly foliated, though no mica has been observed. Broken core at 255m possibly indicates a fault. Trace to minor po mineralization is common throughout most of this unit. Sulfides occur disseminated, in blebs, or in small seemingly recrystallized clusters. Structure 30.30 - 30.32 : S Shear, 35 Deg to CA 32.40 - 32.43 : S Shear, 40 Deg to CA 34.37 - 34.39 : S Shear, 60 Deg to CA 58.60 - 58.63 : S Shear, 50 Deg to CA 65.65 - 65.90 : S Shear, 50 Deg to CA with splay 0 degrees tca	PG04626	250.00	251.16	1.16			0.0700	0.50
			PG04627	251.16	252.00	.84			2.0900	17.70
			PG04628	252.00	252.72	.72			0.9000	6.20
			PG04629	252.72	253.40	.68			0.1200	1.00
			PG04630	253.40	254.00	.60			0.8800	9.20
			PG04631	254.00	254.70	.70			2.2600	18.80
			PG04632	254.70	256.00	1.30			0.0800	0.25

DETAILED LOG

Hole Number: ER2006-09

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		Structure 87.00 - 90.00 : G Gneissosity, 45 Deg to CA varies between 40 and 55 degrees tca 99.46 - 99.51 : S Shear, 30 Deg to CA 102.00 - 102.04 : S Shear, 20 Deg to CA 129.30 - 129.50 : F Fault, 30 Deg to CA 133.50 - 133.70 : F Fault, 35 Deg to CA 134.00 - 135.00 : S Shear, 40 Deg to CA with splay 0 degrees tca 139.72 - 139.74 : S Shear, 30 Deg to CA 204.15 - 204.25 : F Fault, 15 Deg to CA 215.15 - 215.22 : F Fault, 50 Deg to CA 217.25 - 217.27 : S Shear, 50 Deg to CA RQD 1.30 - 3.00 : 55.00 % RQD 100.00 % Core 3.00 - 6.00 : 71.00 % RQD 100.00 % Core 6.00 - 9.00 : 61.00 % RQD 100.00 % Core 9.00 - 12.00 : 90.00 % RQD 100.00 % Core 12.00 - 15.00 : 95.00 % RQD 100.00 % Core 15.00 - 18.00 : 93.00 % RQD 100.00 % Core 18.00 - 21.00 : 77.00 % RQD 100.00 % Core 21.00 - 24.00 : 27.00 % RQD 100.00 % Core 24.00 - 27.00 : 75.00 % RQD 100.00 % Core 27.00 - 30.00 : 89.00 % RQD 100.00 % Core 30.00 - 33.00 : 84.00 % RQD 100.00 % Core 33.00 - 36.00 : 91.00 % RQD 100.00 % Core 36.00 - 39.00 : 83.00 % RQD 100.00 % Core 39.00 - 42.00 : 89.00 % RQD 100.00 % Core 42.00 - 45.00 : 87.00 % RQD 100.00 % Core 45.00 - 48.00 : 93.00 % RQD 100.00 % Core 48.00 - 51.00 : 95.00 % RQD 100.00 % Core 51.00 - 54.00 : 98.00 % RQD 100.00 % Core 54.00 - 57.00 : 86.00 % RQD 100.00 % Core 57.00 - 60.00 : 90.00 % RQD 100.00 % Core 60.00 - 63.00 : 85.00 % RQD 100.00 % Core 63.00 - 66.00 : 86.00 % RQD 100.00 % Core 66.00 - 69.00 : 85.00 % RQD 100.00 % Core 69.00 - 72.00 : 79.00 % RQD 100.00 % Core 72.00 - 75.00 : 80.00 % RQD 100.00 % Core 75.00 - 78.00 : 58.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-09

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
	78.00	- 81.00 : 67.00 % RQD 100.00 % Core								
	81.00	- 84.00 : 78.00 % RQD 100.00 % Core								
	84.00	- 87.00 : 84.00 % RQD 100.00 % Core								
	87.00	- 90.00 : 87.00 % RQD 100.00 % Core								
	90.00	- 93.00 : 89.00 % RQD 100.00 % Core								
	93.00	- 96.00 : 71.00 % RQD 100.00 % Core								
	96.00	- 99.00 : 71.00 % RQD 100.00 % Core								
	99.00	- 102.00 : 57.00 % RQD 100.00 % Core								
	102.00	- 105.00 : 90.00 % RQD 100.00 % Core								
	105.00	- 108.00 : 98.00 % RQD 100.00 % Core								
	108.00	- 111.00 : 83.00 % RQD 100.00 % Core								
	111.00	- 114.00 : 90.00 % RQD 100.00 % Core								
	114.00	- 117.00 : 91.00 % RQD 100.00 % Core								
	117.00	- 120.00 : 77.00 % RQD 100.00 % Core								
	120.00	- 123.00 : 79.00 % RQD 100.00 % Core								
	123.00	- 126.00 : 81.00 % RQD 100.00 % Core								
	126.00	- 129.00 : 99.00 % RQD 100.00 % Core								
	129.00	- 132.00 : 57.00 % RQD 100.00 % Core								
	132.00	- 135.00 : 16.00 % RQD 100.00 % Core								
	135.00	- 138.00 : 83.00 % RQD 100.00 % Core								
	138.00	- 141.00 : 85.00 % RQD 100.00 % Core								
	141.00	- 144.00 : 91.00 % RQD 100.00 % Core								
	144.00	- 147.00 : 81.00 % RQD 100.00 % Core								
	147.00	- 150.00 : 94.00 % RQD 100.00 % Core								
	150.00	- 153.00 : 81.00 % RQD 100.00 % Core								
	153.00	- 156.00 : 95.00 % RQD 100.00 % Core								
	156.00	- 159.00 : 97.00 % RQD 100.00 % Core								
	159.00	- 162.00 : 98.00 % RQD 100.00 % Core								
	162.00	- 165.00 : 91.00 % RQD 100.00 % Core								
	165.00	- 168.00 : 92.00 % RQD 100.00 % Core								
	168.00	- 171.00 : 87.00 % RQD 100.00 % Core								
	171.00	- 174.00 : 92.00 % RQD 100.00 % Core								
	174.00	- 177.00 : 98.00 % RQD 100.00 % Core								
	177.00	- 180.00 : 85.00 % RQD 100.00 % Core								
	180.00	- 183.00 : 97.00 % RQD 100.00 % Core								
	183.00	- 186.00 : 82.00 % RQD 100.00 % Core								
	186.00	- 189.00 : 92.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-09

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
		189.00 - 192.00 : 75.00 % RQD 100.00 % Core								
		192.00 - 195.00 : 79.00 % RQD 100.00 % Core								
		195.00 - 198.00 : 73.00 % RQD 100.00 % Core								
		198.00 - 201.00 : 55.00 % RQD 100.00 % Core								
		201.00 - 204.00 : 70.00 % RQD 100.00 % Core								
		204.00 - 207.00 : 51.00 % RQD 100.00 % Core								
		207.00 - 210.00 : 71.00 % RQD 100.00 % Core								
		210.00 - 213.00 : 65.00 % RQD 100.00 % Core								
		213.00 - 216.00 : 66.00 % RQD 100.00 % Core								
		216.00 - 219.00 : 79.00 % RQD 100.00 % Core								
		219.00 - 222.00 : 71.00 % RQD 100.00 % Core								
		222.00 - 225.00 : 89.00 % RQD 100.00 % Core								
		225.00 - 228.00 : 80.00 % RQD 100.00 % Core								
		228.00 - 231.00 : 74.00 % RQD 100.00 % Core								
		231.00 - 234.00 : 79.00 % RQD 100.00 % Core								
		234.00 - 237.00 : 78.00 % RQD 100.00 % Core								
		237.00 - 240.00 : 86.00 % RQD 100.00 % Core								
		240.00 - 243.00 : 86.00 % RQD 100.00 % Core								
		243.00 - 246.00 : 60.00 % RQD 100.00 % Core								
		246.00 - 249.00 : 87.00 % RQD 100.00 % Core								
		249.00 - 252.00 : 58.00 % RQD 100.00 % Core								
		252.00 - 255.00 : 58.00 % RQD 100.00 % Core								
		255.00 - 258.00 : 75.00 % RQD 100.00 % Core								
		MINOR INTERVALS:								
		Minor Interval:								
		20.87 - 24.75 10f, Mafic dykes								
		This unit consists of a fine-grained, black, non-magnetic, homogeneous, plagioclase and pyroxene (+/- alteration minerals) bearing mafic rock. The upper and lower contacts are sharp at 10 and 20 degrees tca, respectively.								
		The core is broken between 21 and 22m, especially in the lower half of this intersection.								
		A serpentinized shear cuts the core subparallel tca around 23m.								
		The core is cut by a minor qz vein at 24.35m; the vein contains minor py in its halo.								

Hole Number: ER2006-09

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 83.42 - 87 4s, Sausseritized/Tectonized Anorthosite This unit consists of a coarse to very coarse-grained, quartz, white plagioclase, and biotite-bearing, non-magnetic, non-foliated, pegmatitic rock. The upper contact is sharp at 50 degrees, along which the biotite is strongly tectonized ("mangled"); the lower contact is sharp but irregular. This unit is not mineralized Minor Interval: 90.63 - 93.76 4s, Sausseritized/Tectonized Anorthosite This unit consists of a coarse to very coarse-grained, quartz, white plagioclase, and biotite-bearing, non-magnetic, non-foliated, pegmatitic rock. The upper contact is sharp but irregular; the lower contact is sharp at 50 degrees tca. This unit is not mineralized Minor Interval: 191.24 - 193.32 10f, Mafic dykes Very fine-grained, black, non-magnetic, non-foliated, plagioclase and pyroxene-bearing mafic intrusive. The upper and lower contacts are sharp at 40 degrees tca. The wall rock along the contacts is more plagioclase-rich than remainder of rock. Minor Interval: 197.55 - 199.75 10f, Mafic dykes Very fine-grained, black, non-magnetic, non-foliated, plagioclase and pyroxene-bearing mafic intrusive. The upper contact is broken, lower contacts is sharp at 70 degrees tca. The wall rock along the contacts is more plagioclase-rich than remainder of rock. Minor Interval: 227.66 - 229.8 10f, Mafic dykes Very fine-grained, black, non-magnetic, non-foliated, plagioclase and pyroxene-bearing mafic intrusive. The upper contact is sharp at 45 degrees tca, the lower contact is sharp but irregular. The wall rock along the contacts is more plagioclase-rich than remainder of rock								

DETAILED LOG

Hole Number: ER2006-09

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
256.70	262.00	4s, Sausseritized/Tectonized Anorthosite This unit consists of a coarse to very coarse-grained, quartz, white plagioclase, and biotite-bearing, non-magnetic, non-foliated, pegmatitic rock. The lower contact of this unit is sharp but irregular. This unit is not mineralized, but the minor unit within contains 25cm of massive po/py. RQD 258.00 - 261.00 : 35.00 % RQD 100.00 % Core 261.00 - 264.00 : 48.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 259 - 260.5 5, Undivided Metasediments This unit consists of a mafic, pyroxene, biotite, and feldspar-bearing gneiss. The unit is unmineralized and weakly to moderately well foliated. The lower contact is broken.	PG04633	258.00	259.00	1.00			0.0250	0.25
			PG04634	259.00	259.46	.46			0.0250	0.25
			PG04635	259.46	259.80	.34			1.0900	8.20
			PG04636	259.80	260.50	.70			0.1000	0.25
			PG04641	260.50	261.50	1.00			0.0500	0.25
262.00	266.06	7a, Gabbroonorite This thin unit, consisting of pyroxene, plagioclase, minor garnet, biotite, and alteration minerals seems to incorporate both gabbroonorite and mafic gneiss. The unit is locally weakly foliated and a number of "contacts" can be distinguished. Due to the location between the pegmatitic anorthosite and the underlying gneiss, it is believed that this unit is a tectonized, partly recrystallized amalgamation of gabbroonorite and gneiss. RQD 264.00 - 267.00 : 97.00 % RQD 100.00 % Core								
266.06	275.80	5, Undivided Metasediments This unit consists of a fine-grained, non-magnetic, non-mineralized, well-foliated, moderately homogeneous gneissic rock with variable amounts of feldspar, pyroxene, garnet, (quartz?) and minor alteration minerals. Gneissosity ranges from 50 - 70 degrees tca. The lower contact of this unit is very sharp at 30 degrees. Structure 266.06 - 275.80 : G Gneissosity, 60 Deg to CA variable between 50 and 70 degrees 275.79 - 275.80 : LC Lower Contact, 30 Deg to CA very sharp RQD 267.00 - 270.00 : 45.00 % RQD 100.00 % Core 270.00 - 273.00 : 73.00 % RQD 100.00 % Core 273.00 - 276.00 : 41.00 % RQD 100.00 % Core								

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DETAILED LOG

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Hole Number: ER2006-09

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
275.80	281.82	7a, Gabbronorite	PG04637	279.50	280.40	.90			0.0600	0.25
		As described from 1.30m to 256.70m.	PG04638	280.40	281.14	.74			0.0250	0.25
		RQD	PG04639	281.14	281.65	.51			0.4800	5.10
		276.00 - 279.00 : 83.00 % RQD 100.00 % Core	PG04640	281.65	282.77	1.12			0.0800	0.50
		279.00 - 282.00 : 70.00 % RQD 100.00 % Core								

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DETAILED LOG

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Hole Number: ER2006-09

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD 333.00 - 336.00 : 100.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-10

Units: METRIC

Project Name:	Ertelien	Primary Coordinates	Grid: UTM84-32N	Destination Coordinates	Grid: UTM84-32N	Collar Dip:	-68.00
Project Number:	201	North:	6659674.70	North:	6659674.70	Collar Az:	53.00
Location:	Surface	East:	558071.50	East:	558071.50	Length:	343.00
		Elev:	177.00	Elev:	177.00	Start Depth:	0.00
Date Started:	Aug 12, 2006	Collar Survey:	N	Plugged:	N	Contractor:	Arctic Drilling A/S
Date Completed:	Aug 24, 2006	Multishot Survey:	Y	Hole Size:	TT46	Core Storage:	
Logged By:	Iarsw, blairt	Pulse EM Survey:	N	Casing:	Left in Hole, capped	Final Depth:	343.00

Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	46.00	-68.93	Gyro	OK		3.00	45.74	-68.73	Gyro	OK	
6.00	48.54	-68.74	Gyro	OK		9.00	54.16	-68.70	Gyro	OK	
12.00	55.48	-68.75	Gyro	OK		15.00	47.88	-68.58	Gyro	OK	
18.00	54.25	-68.50	Gyro	OK		21.00	46.93	-68.38	Gyro	OK	
24.00	47.92	-68.33	Gyro	OK		27.00	52.93	-68.37	Gyro	OK	
30.00	48.42	-68.25	Gyro	OK		33.00	52.14	-68.26	Gyro	OK	
36.00	54.24	-68.16	Gyro	OK		39.00	46.92	-68.10	Gyro	OK	
42.00	47.88	-68.04	Gyro	OK		45.00	45.87	-68.16	Gyro	OK	
48.00	50.30	-68.17	Gyro	OK		51.00	53.89	-68.09	Gyro	OK	
54.00	46.32	-68.11	Gyro	OK		57.00	49.20	-67.96	Gyro	OK	
60.00	52.04	-68.00	Gyro	OK		63.00	47.65	-68.03	Gyro	OK	
66.00	49.20	-67.98	Gyro	OK		69.00	48.99	-67.89	Gyro	OK	
72.00	48.59	-67.89	Gyro	OK		75.00	47.37	-67.86	Gyro	OK	
78.00	49.28	-67.84	Gyro	OK		81.00	49.33	-67.73	Gyro	OK	
84.00	49.38	-67.68	Gyro	OK		87.00	49.21	-67.75	Gyro	OK	
90.00	49.54	-67.71	Gyro	OK		93.00	48.63	-67.74	Gyro	OK	
96.00	49.69	-67.63	Gyro	OK		99.00	49.31	-67.57	Gyro	OK	
102.00	51.27	-67.60	Gyro	OK		105.00	50.36	-67.49	Gyro	OK	
108.00	47.72	-67.55	Gyro	OK		111.00	49.53	-67.45	Gyro	OK	
114.00	49.86	-67.48	Gyro	OK		117.00	47.34	-67.57	Gyro	OK	
120.00	48.81	-67.58	Gyro	OK		123.00	45.89	-67.83	Gyro	OK	
126.00	46.41	-67.79	Gyro	OK		129.00	47.51	-67.85	Gyro	OK	
132.00	50.84	-67.77	Gyro	OK		135.00	48.33	-67.68	Gyro	OK	
138.00	47.67	-67.73	Gyro	OK		141.00	46.27	-67.65	Gyro	OK	
144.00	47.40	-67.65	Gyro	OK		147.00	49.96	-67.66	Gyro	OK	

DETAILED LOG

Hole Number: ER2006-10

Units: METRIC

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
150.00	46.29	-67.68	Gyro	OK		153.00	50.14	-67.65	Gyro	OK	
156.00	48.50	-67.70	Gyro	OK		159.00	48.38	-67.67	Gyro	OK	
162.00	49.99	-67.68	Gyro	OK		165.00	50.92	-67.69	Gyro	OK	
168.00	48.27	-67.54	Gyro	OK		171.00	48.69	-67.50	Gyro	OK	
174.00	46.87	-67.53	Gyro	OK		177.00	46.47	-67.53	Gyro	OK	
180.00	49.29	-67.49	Gyro	OK		183.00	52.66	-67.46	Gyro	OK	
186.00	49.33	-67.55	Gyro	OK		189.00	55.33	-67.62	Gyro	OK	
192.00	50.60	-67.64	Gyro	OK		195.00	55.90	-67.67	Gyro	OK	
198.00	53.13	-67.63	Gyro	OK		201.00	54.71	-67.69	Gyro	OK	
204.00	56.97	-67.73	Gyro	OK		207.00	54.20	-67.73	Gyro	OK	
210.00	60.85	-67.76	Gyro	OK		213.00	53.52	-67.84	Gyro	OK	
216.00	52.71	-67.84	Gyro	OK		219.00	55.94	-67.81	Gyro	OK	
222.00	65.69	-67.86	Gyro	OK		225.00	61.81	-67.87	Gyro	OK	
228.00	63.79	-67.81	Gyro	OK		231.00	55.35	-67.84	Gyro	OK	
234.00	54.52	-67.84	Gyro	OK		237.00	66.00	-67.81	Gyro	DO	
240.00	56.10	-67.81	Gyro	OK		243.00	60.19	-67.80	Gyro	OK	
246.00	64.99	-67.93	Gyro	OK		249.00	67.41	-67.97	Gyro	OK	
252.00	59.28	-68.04	Gyro	OK		255.00	55.85	-68.01	Gyro	OK	
258.00	54.92	-67.89	Gyro	OK		261.00	56.94	-67.95	Gyro	OK	
264.00	62.40	-67.79	Gyro	OK		267.00	51.70	-67.76	Gyro	DO	
270.00	54.72	-67.76	Gyro	OK		273.00	52.88	-67.61	Gyro	OK	
276.00	54.54	-67.54	Gyro	OK		279.00	60.21	-67.40	Gyro	OK	
282.00	65.00	-67.40	Gyro	OK		285.00	63.18	-67.45	Gyro	OK	
288.00	57.90	-67.49	Gyro	OK		291.00	55.15	-67.55	Gyro	OK	
294.00	53.70	-67.57	Gyro	OK		297.00	53.85	-67.53	Gyro	OK	
300.00	54.35	-67.46	Gyro	OK		303.00	54.54	-67.42	Gyro	OK	
306.00	56.04	-67.32	Gyro	OK		309.00	55.44	-67.12	Gyro	OK	
312.00	56.25	-67.01	Gyro	OK		315.00	57.04	-66.96	Gyro	OK	
318.00	57.94	-66.97	Gyro	OK		321.00	58.81	-67.08	Gyro	OK	
324.00	60.23	-67.17	Gyro	OK		327.00	61.66	-67.13	Gyro	OK	

Detailed Lithology

From To		Lithology	Assay Data						
Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt		
0	2.35	C, Casing							

DETAILED LOG

Hole Number: ER2006-10

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
2.35	80.50	7, Undivided Mafic Intrusive This unit consists of a fine-to medium-grained, homogeneous, non-foliated, non-magnetic gabbro-norite. The main minerals are ~60% pyroxene, and ~40% plagioclase. This unit is pervasively mineralized with up to ~1% po. Locally, po patches occur. The core is broken at 30.5 - 31.5m; 33.5 - 35m; 47.00 - 53.7m; 55.5 - 56.3m; 70.0 - 75.0m Structure 10.53 - 10.64 : S Shear, 20 Deg to CA chlorite, talc, serpentine 21.14 - 21.15 : S Shear, 90 Deg to CA pyritized 30.50 - 31.50 no attitude 33.50 - 35.00 no attitude 35.71 - 35.75 : S Shear, 35 Deg to CA qz-fsp 45.00 - 45.30 : S Shear, 15 Deg to CA partly bx, qz-fsp 47.00 - 53.70 : F Fault, 15 Deg to CA broken core all the way 55.50 - 56.30 : F Fault, 30 Deg to CA broken core 57.00 - 57.16 qz, fsp, partly brecciated 70.00 - 75.00 : F Fault, 20 Deg to CA broken core RQD 2.35 - 6.00 : 100.00 % RQD 100.00 % Core 6.00 - 9.00 : 91.00 % RQD 100.00 % Core 9.00 - 12.00 : 63.00 % RQD 100.00 % Core 12.00 - 15.00 : 96.00 % RQD 100.00 % Core 15.00 - 18.00 : 92.00 % RQD 100.00 % Core 18.00 - 21.00 : 94.00 % RQD 100.00 % Core 21.00 - 24.00 : 91.00 % RQD 100.00 % Core 24.00 - 27.00 : 84.00 % RQD 100.00 % Core 27.00 - 30.00 : 92.00 % RQD 100.00 % Core 30.00 - 33.00 : 40.00 % RQD 100.00 % Core 33.00 - 36.00 : 21.00 % RQD 100.00 % Core 36.00 - 39.00 : 70.00 % RQD 100.00 % Core 39.00 - 42.00 : 98.00 % RQD 100.00 % Core 42.00 - 45.00 : 73.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-10

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD 45.00 - 48.00 : 31.00 % RQD 100.00 % Core 48.00 - 51.00 : 15.00 % RQD 100.00 % Core 51.00 - 54.00 : 50.00 % RQD 100.00 % Core 54.00 - 57.00 : 47.00 % RQD 100.00 % Core 57.00 - 60.00 : 78.00 % RQD 100.00 % Core 60.00 - 63.00 : 53.00 % RQD 100.00 % Core 63.00 - 66.00 : 76.00 % RQD 100.00 % Core 66.00 - 69.00 : 85.00 % RQD 100.00 % Core 69.00 - 72.00 : 28.00 % RQD 100.00 % Core 72.00 - 75.00 : 35.00 % RQD 100.00 % Core 75.00 - 78.00 : 72.00 % RQD 100.00 % Core 78.00 - 81.00 : 70.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 34 - 35 10f, Mafic dykes This unit consists of a fine-grained, homogeneous, non-foliated, non-magnetic, non-mineralized plagioclase and pyroxene-bearing mafic rock. The upper contact is broken, the lower is sharp at 20 degrees tca.								
80.50	87.40	4, Anorthosite / Anorthositic Gabbro This unit consists of a white, coarse-grained, plagioclase-rich, pegmatitic anorthosite. Plagioclase amounts to ~80%; quartz, biotite, fuchsite and other minor alteration minerals account for the rest. This unit is not mineralized. The lower contact of this unit is sharp but irregular and slightly brecciated. Broken core between 83 and 84m. Structure 83.00 - 84.00 broken core, likely fault RQD 81.00 - 84.00 : 36.00 % RQD 100.00 % Core 84.00 - 87.00 : 43.00 % RQD 100.00 % Core 87.00 - 90.00 : 19.00 % RQD 100.00 % Core Highly broken core - low angle breaks								



DETAILED LOG

Hole Number: ER2006-10

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
87.40	245.65	7, Undivided Mafic Intrusive Fine to medium grained, dark grey to grey, weakly magnetic, heterogenous, highly broken unit composed of ~65% plagioclase, 30% pyroxenes (moderately serpentinized) and 5% garnet. Garnet-bearing horizons are proximal to more felsic horizons. Serpentinized relict pyroxenes within the gabbronorite have mm scale white-alteration haloes. 87.40-131m: Highly broken core at low angles to the ca (average ~30 degrees tca). Serpentine +/- quartz-carbonate veinlets locally sub-parallel to parallel to the ca. MAJOR FAULT: 221.15-221.50m - Highly friable core with a sharp upper contact at 25 degrees tca. The lower contact was located within broken core. Mineralization - Downhole of major structure at 221.15-221.50m, there are numerous cm to m scale massive sulphide veinlets and veins, generally composed of 95% pyrrhotite, 1-2% chalcopyrite and 3-4% pyrite. These veins and veinlets are irregular to the ca and at various angles. Generally the massive sulphides contain 10-20% "barren" gabbronorite xenoliths which are mm to cm scale. The approximate contacts of this mineralized, injected horizon is ~221.5 - 257m. See mineralization tab for larger mineralized intervals. The lower contact of this unit is sharp along a major downhole friable fault at 30 degrees tca. Alteration 150.75 - 150.76 :SERP Serpentine, V Vein, M Moderate At 25 degrees tca 174.70 - 174.71 :SERP Serpentine, V Vein, M Moderate At 45 degrees tca 141.25 - 141.28 :SERP Serpentine, V Vein, M Moderate At 50 degrees tca 172.65 - 173.60 :SERP Serpentine, V Vein, M Moderate 1cm wide serp-talc veinlet, paralleling the ca. 213.30 - 213.32 :SERP Serpentine, V Vein, M Moderate At 50 degrees tca Structure 173.60 - 173.65 : F Fault, 25 Deg to CA Unconsolidated serp-talc fault gouge at 25 degrees tca. MAJOR STRUCTURE 190.60 - 190.65 : S Shear, 50 Deg to CA Light green serpentine veinlets at ~50 degrees tca, swelling! 221.15 - 221.50 : F Fault, 25 Deg to CA Highly friable core. The upper contact is sharp at 25 degrees tca; lower contact was based on broken, friable core. 232.45 - 233.00 : F Fault, 15 Deg to CA BROKEN core; friable at upper contact 234.80 - 236.70 HIGHLY BROKEN CORE	PG04642	180.00	180.65	.65			0.0900	0.50
			PG04643	180.65	181.75	1.10			0.1000	0.90
			PG04644	181.75	183.00	1.25			0.0800	0.80
			PG04645	202.00	203.50	1.50			0.1300	0.90
			PG04646	203.50	205.00	1.50			0.1200	1.00
			PG04647	205.00	206.50	1.50			0.1300	1.10
			PG04648	206.50	208.00	1.50			0.1400	1.20
			PG04649	208.00	209.50	1.50			0.1200	1.00
			PG04651	209.50	210.90	1.40			0.2100	1.90
			PG04652	213.15	214.00	.85			0.1100	0.70
			PG04653	214.00	215.50	1.50			0.1600	1.30
			PG04654	215.50	217.00	1.50			0.2000	1.80
			PG04655	217.00	217.60	.60			0.8800	7.10
			PG04656	217.60	219.00	1.40			0.1300	1.20
			PG04657	219.00	220.00	1.00			0.2400	2.20
			PG04658	220.00	221.50	1.50			0.0600	1.00
			PG04659	221.50	223.10	1.60			0.6200	7.00
			PG04660	223.10	223.85	.75			0.9000	11.20
			PG04661	223.85	225.35	1.50			0.1700	1.80
			PG04662	225.35	226.85	1.50			0.5600	6.30
			PG04663	226.85	228.50	1.65			0.2400	2.60
			PG04664	228.50	230.05	1.55			0.2500	2.10
			PG04665	230.05	230.60	.55			0.2600	4.90
			PG04666	230.60	231.80	1.20			0.2100	2.20
			PG04667	231.80	233.00	1.20			0.1700	1.70
			PG04668	233.00	234.50	1.50			0.6500	6.50
			PG04669	234.50	235.60	1.10			0.1100	1.20
			PG04670	235.60	236.70	1.10			0.1200	0.90
			PG04671	236.70	238.07	1.37			0.7200	3.30
			PG04672	238.07	239.00	.93			0.4900	2.80
			PG04673	239.00	239.60	.60			0.2200	2.20
			PG04674	239.60	240.85	1.25			0.1200	1.60
			PG04676	240.85	242.10	1.25			0.1000	0.80
			PG04677	242.10	242.60	.50			0.0700	0.25
			PG04678	242.60	244.00	1.40			0.6300	3.90
			PG04679	244.00	245.65	1.65			0.1400	1.00

DETAILED LOG

noranda

Hole Number: ER2006-10

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		Structure 245.64 - 245.65 : F Fault, 30 Deg to CA Major fault RQD 90.00 - 93.00 : 16.00 % RQD 100.00 % Core Highly broken core - low angle breaks 93.00 - 96.00 : 25.00 % RQD 100.00 % Core Highly broken core - low angle breaks 96.00 - 99.00 : 37.00 % RQD 100.00 % Core Highly broken core - low angle breaks 99.00 - 102.00 : 66.00 % RQD 100.00 % Core 102.00 - 105.00 : 79.00 % RQD 100.00 % Core 105.00 - 108.00 : 18.00 % RQD 100.00 % Core Highly broken core - low angle breaks 108.00 - 111.00 : 40.00 % RQD 100.00 % Core Highly broken core - low angle breaks 111.00 - 114.00 : 78.00 % RQD 100.00 % Core 114.00 - 117.00 : 65.00 % RQD 100.00 % Core 117.00 - 120.00 : 56.00 % RQD 100.00 % Core 120.00 - 123.00 : 84.00 % RQD 100.00 % Core 123.00 - 126.00 : 58.00 % RQD 100.00 % Core 126.00 - 129.00 : 23.00 % RQD 100.00 % Core Highly broken core - low angle breaks 129.00 - 132.00 : 56.00 % RQD 100.00 % Core 132.00 - 135.00 : 84.00 % RQD 100.00 % Core 135.00 - 138.00 : 80.00 % RQD 100.00 % Core 138.00 - 141.00 : 93.00 % RQD 100.00 % Core 141.00 - 144.00 : 98.00 % RQD 100.00 % Core 144.00 - 147.00 : 100.00 % RQD 100.00 % Core 147.00 - 150.00 : 98.00 % RQD 100.00 % Core 150.00 - 153.00 : 87.00 % RQD 100.00 % Core 153.00 - 156.00 : 100.00 % RQD 100.00 % Core 156.00 - 159.00 : 100.00 % RQD 100.00 % Core 159.00 - 162.00 : 91.00 % RQD 100.00 % Core 162.00 - 165.00 : 93.00 % RQD 100.00 % Core 165.00 - 168.00 : 90.00 % RQD 100.00 % Core 168.00 - 171.00 : 100.00 % RQD 100.00 % Core 171.00 - 174.00 : 85.00 % RQD 100.00 % Core 174.00 - 177.00 : 88.00 % RQD 100.00 % Core 177.00 - 180.00 : 83.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-10

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
180.00	- 183.00	: 100.00 % RQD 100.00 % Core								
183.00	- 186.00	: 77.00 % RQD 100.00 % Core								
186.00	- 189.00	: 81.00 % RQD 100.00 % Core								
189.00	- 192.00	: 84.00 % RQD 100.00 % Core								
192.00	- 195.00	: 67.00 % RQD 100.00 % Core								
195.00	- 198.00	: 52.00 % RQD 100.00 % Core								
198.00	- 201.00	: 75.00 % RQD 100.00 % Core								
201.00	- 204.00	: 27.00 % RQD 100.00 % Core								
204.00	- 207.00	: 76.00 % RQD 100.00 % Core								
207.00	- 210.00	: 79.00 % RQD 100.00 % Core								
210.00	- 213.00	: 50.00 % RQD 100.00 % Core								
213.00	- 216.00	: 83.00 % RQD 100.00 % Core								
216.00	- 219.00	: 77.00 % RQD 100.00 % Core								
219.00	- 222.00	: 21.00 % RQD 100.00 % Core								
222.00	- 225.00	: 84.00 % RQD 100.00 % Core								
225.00	- 228.00	: 100.00 % RQD 100.00 % Core								
228.00	- 231.00	: 87.00 % RQD 100.00 % Core								
231.00	- 234.00	: 74.00 % RQD 100.00 % Core								
234.00	- 237.00	: 28.00 % RQD 100.00 % Core								
237.00	- 240.00	: 79.00 % RQD 100.00 % Core								
240.00	- 243.00	: 93.00 % RQD 100.00 % Core								
243.00	- 246.00	: 87.00 % RQD 100.00 % Core								
		MINOR INTERVALS:								
		Minor Interval:								
		120.8 - 121.4 5, Undivided Metasediments								
		Dark grey, fine grained, non-magnetic, weakly foliated siliceous unit composed of varying amounts of quartz, plagioclase, biotite, chlorite and pyroxenes. Intermediate gneiss xenoliths?								
		Contacts are well preserved (ie not too much interference); "happy" contacts are sharp but irregular.								
		The upper contact is sharp at 50 degrees tca and the lower contact of this unit is broken.								
		Minor Interval:								
		122.4 - 122.7 5, Undivided Metasediments								
		Dark grey, fine grained, non-magnetic, weakly foliated siliceous unit composed of varying amounts of quartz, plagioclase, biotite, chlorite and pyroxenes. Intermediate gneiss xenoliths?								
		Contacts are well preserved (ie not too much interference); "happy" contacts are sharp but irregular.								
		The upper and lower contacts of this unit are sharp but irregular.								

DETAILED LOG

Hole Number: ER2006-10

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 164.25 - 165.5 10, Mafic Metavolcanic MAFIC DYKE Very fine grained, homogenous, weakly foliated, non-magnetic, dark green mafic dyke composed primarily of chlorite and plagioclase (+quartz, biotite). The upper contact of this unit is sharp at 50 degrees tca, and the lower contact is sharp but lost within broken core. Minor Interval: 194.25 - 196.4 10, Mafic Metavolcanic MAFIC DYKE Very fine grained, homogenous, weakly foliated, non-magnetic, dark green mafic dyke composed primarily of chlorite and plagioclase (+quartz, biotite). This unit is highly broken, with a fault at 195.50m. The orientation of this fault is unknown as the core is too broken and friable. The upper and lower contacts of this unit are sharp at 25 and 70 degrees tca, respectively. Minor Interval: 210.9 - 213 10, Mafic Metavolcanic MAFIC DYKE Very fine grained, homogenous, weakly foliated, non-magnetic, dark green mafic dyke composed primarily of chlorite and plagioclase (+quartz, biotite). This unit is highly broken. The upper and lower contacts of this unit are sharp at 25 and 50 degrees tca, respectively. Minor Interval: 213 - 213.15 5, Undivided Metasediments FELSIC GNEISS - XENOLITH? Unit composed of plagioclase, quartz, garnet and chlorite; foliation angles of 45 degrees tca. Minor Interval: 238.07 - 239 5, Undivided Metasediments INTERMEDIATE GNEISS XENOLITH Well foliated, black to dark grey, fine grained, well mineralized gneissic xenolith composed of plagioclase, quartz, biotite and garnets. This unit contains 20% massive sulphides as veinlets and 'blebs' throughout, the massive sulphides have mm scale garnet (cotecule) rims. The lower 20cm of this unit is highly broken core, sheared, along serpentine-chlorite slips (sheared lower contact - ~30 degrees tca).								



DETAILED LOG

Hole Number: ER2006-10

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
245.65	280.65	7, Undivided Mafic Intrusive INTERMIXED UNIT ~ 70% ORTHOGNEISS (DIORITE?), 30% PARAGNEISS Massive, dark grey-green, weakly magnetic, fine grained, heterogenous unit composed of vaying amount of amphibole, pyroxene, plagioclase and biotite, with minor amounts of garnets. On the drill cut surface, the unit appears as a gabbroonorite although on the freshly broken surface, a sugary appearance occurs indicative of a gneiss. This unit contains 2-3% fine grained disseminated to patchy sulphides (pyrrhotite, pyrite) throughout, resembling magmatic sulphides rather than sedimentary or banded. Locally up to 10% sulphides. The lower contact of this unit is sharp at 40 degrees tca (along a pyrite-chalcopyrite slip) and based on the appearance of "typical" paragneissic affinities and textures. Structure 256.20 - 256.21 : F Fault, 30 Deg to CA Friable core with pyrite cubes within gouge. MAJOR FAULT 260.10 - 261.80 : S Shear, 30 Deg to CA BROKEN CORE. Sheared lower contact (serpentine-friable core) at 30 degrees tca RQD 246.00 - 249.00 : 50.00 % RQD 100.00 % Core 249.00 - 252.00 : 76.00 % RQD 100.00 % Core 252.00 - 255.00 : 87.00 % RQD 100.00 % Core 255.00 - 258.00 : 60.00 % RQD 100.00 % Core 258.00 - 261.00 : 38.00 % RQD 100.00 % Core 261.00 - 264.00 : 61.00 % RQD 100.00 % Core 264.00 - 267.00 : 43.00 % RQD 100.00 % Core 267.00 - 270.00 : 78.00 % RQD 100.00 % Core 270.00 - 273.00 : 64.00 % RQD 100.00 % Core 273.00 - 276.00 : 94.00 % RQD 100.00 % Core 276.00 - 279.00 : 86.00 % RQD 100.00 % Core 279.00 - 282.00 : 67.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 251.09 - 251.24, Anorthosite / Anorthositic Gabbro Plagioclase-rich veinlet with massive pyrrhotite along upper contact (at 40 degrees tca) and massive chalcopyrite along lower contact (at 30 degrees tca). Minor Interval: 263.8 - 265.15 4, Anorthosite / Anorthositic Gabbro Minor Interval: 274.15 - 275 4, Anorthosite / Anorthositic Gabbro	PG04680	245.65	247.00	1.35			0.4900	3.80
			PG04681	247.00	248.50	1.50			0.1600	1.00
			PG04682	248.50	250.00	1.50			0.6400	3.90
			PG04683	250.00	251.00	1.00			0.0700	0.80
			PG04684	251.00	251.25	.25			3.4600	20.20
			PG04685	251.25	252.00	.75			0.0250	0.25
			PG04686	255.00	256.20	1.20			0.0250	0.25
			PG04687	256.20	256.91	.71			0.2100	1.70
			PG04688	256.91	258.00	1.09			0.0250	0.25
			PG04689	260.50	261.00	.50			0.0800	1.00
			PG04690	261.00	262.50	1.50			0.1300	1.10
			PG04691	262.50	263.40	.90			0.1700	1.50
			PG04692	263.40	264.50	1.10			0.0250	0.25
			PG04693	268.50	269.40	.90			0.0800	1.10
			PG04694	269.40	270.80	1.40			0.1100	1.30
			PG04695	270.80	271.50	.70			0.0250	0.25

DETAILED LOG

Hole Number: ER2006-10

Units: METRIC

Detailed Lithology

From To		Lithology	Assay Data							
			Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
280.65	343.00	5, Undivided Metasediments INTERMEDIATE TO FELSIC GNEISS (PARAGNEISS) Very fine to fine grained, dark grey-pink-green, weakly magnetic, heterogenous, well foliated gneiss (interpreted para-) composed of varying amounts of pyroxenes, amphiboles, biotite, chlorite and garnets within a quartzofeldspathic groundmass. Garnets appear as mm scale cotecule throughout the unit; thus helping to define foliation planes. Heterogeneity on a dm to m scale occurs throughout the horizon as more garnet-bearing, siliceous horizons occur with more amphibole-rich horizons. This unit contains remobilized massive sulphide veinlets between 295.85m and 298.80m. Sulphides appear as foliation parallel and subparallel veinlets, as well as flooded regions. Pyrrhotite is the dominant sulphide, although pyrite and chalcopyrite occur throughout as wisps and patches. Garnets occur as mm scale alteration haloes surrounding sulphides. Contacts are quite irregular. The lower contact of this unit is unknown as the hole was stopped. Structure 280.85 - 280.86 : G Gneissosity, 50 Deg to CA 289.65 - 289.66 : G Gneissosity, 25 Deg to CA 300.10 - 300.11 : G Gneissosity, 35 Deg to CA 307.40 - 307.41 : G Gneissosity, 40 Deg to CA 317.90 - 317.91 : G Gneissosity, 55 Deg to CA 325.50 - 325.51 : G Gneissosity, 60 Deg to CA 330.50 - 330.51 : G Gneissosity, 60 Deg to CA 342.00 - 342.01 : G Gneissosity, 30 Deg to CA RQD 282.00 - 285.00 : 77.00 % RQD 100.00 % Core 285.00 - 288.00 : 50.00 % RQD 100.00 % Core 288.00 - 291.00 : 70.00 % RQD 100.00 % Core 291.00 - 294.00 : 77.00 % RQD 100.00 % Core 294.00 - 297.00 : 82.00 % RQD 100.00 % Core 297.00 - 300.00 : 62.00 % RQD 100.00 % Core 300.00 - 303.00 : 78.00 % RQD 100.00 % Core 303.00 - 306.00 : 64.00 % RQD 100.00 % Core 306.00 - 309.00 : 67.00 % RQD 100.00 % Core 309.00 - 312.00 : 66.00 % RQD 100.00 % Core 312.00 - 315.00 : 67.00 % RQD 100.00 % Core 315.00 - 318.00 : 62.00 % RQD 100.00 % Core 318.00 - 321.00 : 73.00 % RQD 100.00 % Core 321.00 - 324.00 : 68.00 % RQD 100.00 % Core 324.00 - 327.00 : 93.00 % RQD 100.00 % Core 327.00 - 330.00 : 95.00 % RQD 100.00 % Core	PG04696	295.00	295.85	.85			0.0250	0.80
			PG04697	295.85	296.45	.60			0.4800	3.80
			PG04698	296.45	297.30	.85			0.1200	0.90
			PG04699	297.30	298.80	1.50			0.4200	2.90
			PG04701	298.80	299.50	.70			0.0250	0.60



DETAILED LOG

Hole Number: ER2006-11

Units: METRIC

Project Name:	Ertelien	Primary Coordinates	Grid: UTM84-32N	Destination Coordinates	Grid: UTM84-32N	Collar Dip:	-60.00
Project Number:	201	North:	6659729.90	North:	6659729.90	Collar Az:	53.00
Location:	Surface	East:	557978.60	East:	557978.60	Length:	300.00
		Elev:	172.00	Elev:	172.00	Start Depth:	0.00
Date Started:	Aug 25, 2006	Collar Survey:	N	Plugged:	N	Contractor:	Arctic Drilling A/S
Date Completed:	Sep 11, 2006	Multishot Survey:	N	Hole Size:	TT46	Core Storage:	
Logged By:	larsw	Pulse EM Survey:	N	Casing:	Left in Hole, capped	Final Depth:	300.00

Comments:

Sample Averages

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	6.50	C, Casing								



DETAILED LOG

Hole Number: ER2006-11

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
6.50	56.55	7a, Gabbronorite Medium grained, dark grey, homogenous, weakly magnetic, massive gabbronorite composed of ~60-70% plagioclase and 30-40% pyroxenes (dark green). Locally, serpentine veinlets (waxy green, to white +/- carbonate) are parallel to ca angles, resulting in an increased amount of broken core. From 44 - 48m the core is very blocky and contains ~5 - 10% mm-scale pale green and white carbonate units. The lower contact of this unit is sharp at 45 degrees tca. This unit contains local trace to minor po and py mineralization. See "Mineralization" for more detail. Structure 9.00 - 9.30 : S Shear, 40 Deg to CA Shear zone at 9.00m, with 30cm of broken core downhole of shear. RQD 6.50 - 9.00 : 67.00 % RQD 100.00 % Core 9.00 - 12.00 : 79.00 % RQD 100.00 % Core 12.00 - 15.00 : 61.00 % RQD 100.00 % Core 15.00 - 18.00 : 69.00 % RQD 100.00 % Core 18.00 - 21.00 : 80.00 % RQD 100.00 % Core 21.00 - 24.00 : 72.00 % RQD 100.00 % Core 24.00 - 27.00 : 43.00 % RQD 100.00 % Core 27.00 - 30.00 : 66.00 % RQD 100.00 % Core 30.00 - 33.00 : 80.00 % RQD 100.00 % Core 33.00 - 36.00 : 92.00 % RQD 100.00 % Core 36.00 - 39.00 : 81.00 % RQD 100.00 % Core 39.00 - 42.00 : 70.00 % RQD 100.00 % Core 42.00 - 45.00 : 63.00 % RQD 100.00 % Core 45.00 - 48.00 : 42.00 % RQD 100.00 % Core Broken, blocky core; along serpentine injected horizons 48.00 - 51.00 : 76.00 % RQD 100.00 % Core 51.00 - 54.00 : 72.00 % RQD 100.00 % Core 54.00 - 57.00 : 59.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-11

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
56.55	73.96	4, Anorthosite / Anorthositic Gabbro This unit consists of a homogeneous, very coarse-grained, non-magnetic pegmatitic rock, consisting of ~90% bright white feldspar, quartz and biotite. The unit is non-foliated and not mineralized. The core is moderately broken between 65.5 and 67.5m. The lower contact of this unit is sharp at 20 degrees tca; it contains fault gouge material. RQD 57.00 - 60.00 : 70.00 % RQD 100.00 % Core 60.00 - 63.00 : 93.00 % RQD 100.00 % Core 63.00 - 66.00 : 75.00 % RQD 100.00 % Core 66.00 - 69.00 : 49.00 % RQD 100.00 % Core 69.00 - 72.00 : 80.00 % RQD 100.00 % Core 72.00 - 75.00 : 55.00 % RQD 100.00 % Core								

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
73.96	223.86	7a, Gabbronorite Medium grained, dark grey, on a meter-scale homogenous, weakly magnetic, massive gabbronorite composed of ~60-70% plagioclase and 30-40% pyroxenes (dark green). The lower contact is sharp but highly irregular with a ~5cm thick biotite "cumulate" directly at the contact. 184.5 - 188.8m: medium-grained with ~50% white plagioclase The entire unit is trace to weakly mineralized with disseminated po; locally, the sulfides occur patchy. Structure 80.09 - 80.12 : S Shear, 20 Deg to CA serpentinized, chloritized 114.95 - 114.97 : S Shear, 20 Deg to CA serpentinized, minor fault gauge 122.64 - 122.68 : S Shear, 25 Deg to CA chloritized, minor brecciation 127.13 - 127.18 : F Fault, 20 Deg to CA fault gauge, serpentinized 135.25 - 135.27 : S Shear, 30 Deg to CA minor fault gauge 137.50 - 138.00 : F Fault, 20 Deg to CA fault zone with broken core 148.55 - 148.65 broken core, attitude unknown 176.00 - 176.20 : F Fault, 60 Deg to CA broken core 181.80 - 181.85 : S Shear, 40 Deg to CA 190.10 - 190.30 : F Fault, 25 Deg to CA carbonate-bearing, minor fault gauge RQD 75.00 - 78.00 : 73.00 % RQD 100.00 % Core 78.00 - 81.00 : 100.00 % RQD 100.00 % Core 81.00 - 84.00 : 79.00 % RQD 100.00 % Core 84.00 - 87.00 : 92.00 % RQD 100.00 % Core 87.00 - 90.00 : 84.00 % RQD 100.00 % Core 90.00 - 93.00 : 76.00 % RQD 100.00 % Core 93.00 - 96.00 : 79.00 % RQD 100.00 % Core 96.00 - 99.00 : 100.00 % RQD 100.00 % Core 99.00 - 102.00 : 98.00 % RQD 100.00 % Core 102.00 - 105.00 : 100.00 % RQD 100.00 % Core 105.00 - 108.00 : 90.00 % RQD 100.00 % Core 108.00 - 111.00 : 100.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-11

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
	111.00	- 114.00 :	89.00 % RQD	100.00 % Core						
	114.00	- 117.00 :	88.00 % RQD	100.00 % Core						
	117.00	- 120.00 :	91.00 % RQD	100.00 % Core						
	120.00	- 123.00 :	90.00 % RQD	100.00 % Core						
	123.00	- 126.00 :	93.00 % RQD	100.00 % Core						
	126.00	- 129.00 :	72.00 % RQD	100.00 % Core						
	129.00	- 132.00 :	72.00 % RQD	100.00 % Core						
	132.00	- 135.00 :	83.00 % RQD	100.00 % Core						
	135.00	- 138.00 :	14.00 % RQD	100.00 % Core						
	138.00	- 141.00 :	77.00 % RQD	100.00 % Core						
	141.00	- 144.00 :	61.00 % RQD	100.00 % Core						
	144.00	- 147.00 :	57.00 % RQD	100.00 % Core						
	147.00	- 150.00 :	53.00 % RQD	100.00 % Core						
	150.00	- 153.00 :	95.00 % RQD	100.00 % Core						
	153.00	- 156.00 :	87.00 % RQD	100.00 % Core						
	156.00	- 159.00 :	96.00 % RQD	100.00 % Core						
	159.00	- 162.00 :	90.00 % RQD	100.00 % Core						
	162.00	- 165.00 :	92.00 % RQD	100.00 % Core						
	165.00	- 168.00 :	97.00 % RQD	100.00 % Core						
	168.00	- 171.00 :	100.00 % RQD	100.00 % Core						
	171.00	- 174.00 :	96.00 % RQD	100.00 % Core						
	174.00	- 177.00 :	92.00 % RQD	100.00 % Core						
	177.00	- 180.00 :	95.00 % RQD	100.00 % Core						
	180.00	- 183.00 :	90.00 % RQD	100.00 % Core						
	183.00	- 186.00 :	73.00 % RQD	100.00 % Core						
	186.00	- 189.00 :	83.00 % RQD	100.00 % Core						
	189.00	- 192.00 :	65.00 % RQD	100.00 % Core						
	192.00	- 195.00 :	83.00 % RQD	100.00 % Core						
	195.00	- 198.00 :	83.00 % RQD	100.00 % Core						
	198.00	- 201.00 :	92.00 % RQD	100.00 % Core						
	201.00	- 204.00 :	95.00 % RQD	100.00 % Core						
	204.00	- 207.00 :	67.00 % RQD	100.00 % Core						
	207.00	- 210.00 :	84.00 % RQD	100.00 % Core						
	210.00	- 213.00 :	87.00 % RQD	100.00 % Core						
	213.00	- 216.00 :	87.00 % RQD	100.00 % Core						
	216.00	- 219.00 :	86.00 % RQD	100.00 % Core						
	219.00	- 222.00 :	93.00 % RQD	100.00 % Core						

DETAILED LOG

Hole Number: ER2006-11

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD 222.00 - 225.00 : 73.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 125.2 - 126.15 10f, Mafic dykes Fine-grained, homogeneous, gray, plagioclase and pyroxene-bearing intrusive dyke. The upper and lower contacts are sharp at 70 and 60 degrees, respectively. The unit contains close to 100% feldspar within ~5cm of the contacts. Minor Interval: 177.1 - 177.8 10f, Mafic dykes Black, fine-grained, homogenous, non-mineralized, non-foliated, non-magnetic mafic intrusive, consisting of plagioclase and pyroxene. The upper and lower contacts are sharp at 50 and 55 degrees tca, respectively.								
223.86	237.77	4, Anorthosite / Anorthositic Gabbro This unit consists of a homogeneous, very coarse-grained, non-magnetic pegmatitic rock, consisting of ~80% bright white feldspar, quartz and biotite. The unit is non-foliated and not mineralized. The lower contact is brecciated Structure 234.80 - 234.85 : F Fault, 60 Deg to CA RQD 225.00 - 228.00 : 76.00 % RQD 100.00 % Core 228.00 - 231.00 : 68.00 % RQD 100.00 % Core 231.00 - 234.00 : 62.00 % RQD 100.00 % Core 234.00 - 237.00 : 55.00 % RQD 100.00 % Core 237.00 - 240.00 : 64.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-11

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD 279.00 - 282.00 : 25.00 % RQD 100.00 % Core 282.00 - 285.00 : 47.00 % RQD 100.00 % Core 285.00 - 288.00 : 84.00 % RQD 100.00 % Core								
285.56	300.00	7a, Gabbronorite Medium grained, dark grey, homogenous, weakly magnetic, massive gabbronorite composed of ~60-70% plagioclase and 30-40% pyroxenes (dark green). Pervasive blebby and disseminated mineralization. The lower contact of this unit was not reached as the hole was shut down. The hole was abandoned at 300m due to technical problems while drilling at this depth with a small standard drill. RQD 288.00 - 291.00 : 73.00 % RQD 100.00 % Core 291.00 - 294.00 : 84.00 % RQD 100.00 % Core 294.00 - 297.00 : 51.00 % RQD 100.00 % Core 297.00 - 300.00 : 80.00 % RQD 100.00 % Core	PG04702	286.00	287.50	1.50			0.0600	1.10
			PG04703	287.50	289.00	1.50			0.2200	1.60
			PG04704	289.00	290.50	1.50			0.4400	4.70
			PG04705	290.50	292.00	1.50			0.1500	1.30
			PG04706	292.00	293.50	1.50			0.1300	1.40
			PG04707	293.50	295.00	1.50			0.0800	0.90
			PG04708	295.00	296.50	1.50			0.0600	0.80
			PG04709	296.50	298.00	1.50			0.2100	1.70
			PG04710	298.00	299.50	1.50			0.1100	1.00
			PG04711	299.50	300.00	.50			0.0250	0.25

DETAILED LOG

Hole Number: ER2006-12

Units: METRIC

Project Name: Ertelien	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM84-32N	Collar Dip: -54.00
Project Number: 201	North: 6659837.00	North: 6659837.00	Collar Az: 53.00
Location: Surface	East: 557875.00	East: 557875.00	Length: 244.50
	Elev: 199.00	Elev: 199.00	Start Depth: 0.00
Date Started: Sep 12, 2006	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Sep 22, 2006	Multishot Survey: N	Hole Size: TT46	Core Storage:
Logged By: larsw, blairt	Pulse EM Survey: N	Casing: Left in Hole, capped	Final Depth: 244.50

Comments:

Sample Averages

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	1.20	C, Casing								
1.20	17.13	7, Undivided Mafic Intrusive This unit consists of a fine- to medium-grained dark gray to greenish-gray, non-magnetic, non-foliated, on a meter-scale homogenous, pyroxene and plagioclase-bearing rock. Except for trace amounts of disseminated sulfides, this unit is not mineralized. Structure 17.13 - 17.13 : LC Lower Contact, 50 Deg to CA sharp RQD 1.20 - 3.00 : 52.00 % RQD 100.00 % Core 3.00 - 6.00 : 82.00 % RQD 100.00 % Core 6.00 - 9.00 : 97.00 % RQD 100.00 % Core 9.00 - 12.00 : 73.00 % RQD 100.00 % Core 12.00 - 15.00 : 76.00 % RQD 100.00 % Core 15.00 - 18.00 : 87.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-12

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
38.31	83.34	7, Undivided Mafic Intrusive This unit consists of a fine- to medium-grained dark gray to greenish-gray, non-magnetic, non-foliated, on a meter-scale homogenous, pyroxene and plagioclase-bearing rock. This unit is medium- to coarse-grained within the first ~3m of the hanging wall. 43.47 - 44.16m: anorthositic pegmatite Except for trace amounts of disseminated sulfides, this unit is not mineralized. Structure 42.60 - 42.90 : S Shear, 50 Deg to CA some broken core 59.50 - 59.80 : S Shear, 30 Deg to CA serpentinized, minor chlorite 62.10 - 62.28 : S Shear, 50 Deg to CA chlorite along sides, serpentine in center 64.61 - 64.77 : S Shear, 25 Deg to CA chlorite, serpentinized 79.32 - 79.41 : S Shear, 30 Deg to CA chlorite, serpentinized 83.34 - 83.34 : LC Lower Contact, 20 Deg to CA sharp RQD 39.00 - 42.00 : 70.00 % RQD 100.00 % Core 42.00 - 45.00 : 43.00 % RQD 100.00 % Core 45.00 - 48.00 : 95.00 % RQD 100.00 % Core 48.00 - 51.00 : 90.00 % RQD 100.00 % Core 51.00 - 54.00 : 85.00 % RQD 100.00 % Core 54.00 - 57.00 : 83.00 % RQD 100.00 % Core 57.00 - 60.00 : 91.00 % RQD 100.00 % Core 60.00 - 63.00 : 76.00 % RQD 100.00 % Core 63.00 - 66.00 : 91.00 % RQD 100.00 % Core 66.00 - 69.00 : 88.00 % RQD 100.00 % Core 69.00 - 72.00 : 76.00 % RQD 100.00 % Core 72.00 - 75.00 : 91.00 % RQD 100.00 % Core 75.00 - 78.00 : 91.00 % RQD 100.00 % Core 78.00 - 81.00 : 73.00 % RQD 100.00 % Core 81.00 - 84.00 : 80.00 % RQD 100.00 % Core								

Dec 18, 2006

noranda

DETAILED LOG

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Hole Number: ER2006-12

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
83.34	89.30	4, Anorthosite / Anorthositic Gabbro Very coarse-grained, plagioclase, quartz, and biotite-bearing pegmatitic unit. The rock is not foliated, mineralized, or magnetic. RQD 84.00 - 87.00 : 77.00 % RQD 100.00 % Core 87.00 - 90.00 : 77.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-12

Units: METRIC

Detailed Lithology

From		To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
89.30	213.70		7, Undivided Mafic Intrusive This unit consists of a fine- to medium-grained dark gray to greenish-gray, non-magnetic, non-foliated, on a meter-scale homogenous, pyroxene and plagioclase-bearing rock. This unit is cut by numerous serpentized faults and shears, commonly at 10 - 20 degrees tca. 93.0 - 94.65m and 98.0 - 98.6m broken core. Starting at 154.8m: increasing amount of dark red garnet clusters, up to ~10% and slightly increased grain size of rock. ~193m - 213.70m (lower contact): Intermixed gabbro-norite (~80%) with assimilated? mafic gneiss (~20%). The unit appears fine to medium grained, weakly magnetic, dark grey, heterogenous unit composed of dm scale horizons appearing siliceous and garnet-bearing (weakly foliated). Contact relationships are difficult to ascertain as the unit is highly broken as well as the assimilated nature. The lower contact of this unit was determined as there are no discernible gabbro-norite downhole of this depth. Structure 92.35 - 92.45 : S Shear, 15 Deg to CA serp. 94.00 - 94.65 : S Shear, 15 Deg to CA serp. 98.00 - 98.60 : S Shear, 10 Deg to CA serp. 99.00 - 99.40 : S Shear, 15 Deg to CA serp. 100.70 - 100.80 : S Shear, 15 Deg to CA serp. 102.60 - 102.77 : S Shear, 15 Deg to CA serp. 103.82 - 104.50 : S Shear, 10 Deg to CA serp. 106.00 - 106.30 : S Shear, 10 Deg to CA serp. 106.70 - 106.90 : S Shear, 15 Deg to CA serp. 111.00 - 111.20 : S Shear, 20 Deg to CA broken core 113.00 - 114.47 : S Shear, 20 Deg to CA broken core 116.14 - 116.50 : S Shear, 10 Deg to CA serp. 118.10 - 118.70 : S Shear, 0 Deg to CA broken core, serp., parallel to core, terminated in 50 degrees tca shears at either end 146.26 - 146.40 : S Shear, 30 Deg to CA serp.	PG04712	175.60	177.10	1.50			0.1300	0.90
				PG04713	177.10	177.40	.30			0.8500	4.10
				PG04714	177.40	178.60	1.20			0.0700	0.60

noranda

Hole Number: ER2006-12

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		Structure 148.55 - 148.70 : S Shear, 20 Deg to CA serp. 151.05 - 151.31 : S Shear, 45 Deg to CA serp. 158.40 - 161.00 : F Fault, 45 Deg to CA broken core 162.50 - 164.40 : F Fault, 25 Deg to CA Broken core, ending on fault gouge at 25 tca. 176.80 - 177.10 : S Shear, 15 Deg to CA Low angle serpentine veinlets (10-15 ca) resulting in broken core RQD 90.00 - 93.00 : 20.00 % RQD 100.00 % Core 93.00 - 96.00 : 47.00 % RQD 100.00 % Core 96.00 - 99.00 : 51.00 % RQD 100.00 % Core 99.00 - 102.00 : 40.00 % RQD 100.00 % Core 102.00 - 105.00 : 55.00 % RQD 100.00 % Core 105.00 - 108.00 : 76.00 % RQD 100.00 % Core 108.00 - 111.00 : 88.00 % RQD 100.00 % Core 111.00 - 114.00 : 38.00 % RQD 100.00 % Core 114.00 - 117.00 : 40.00 % RQD 100.00 % Core 117.00 - 120.00 : 37.00 % RQD 100.00 % Core 120.00 - 123.00 : 33.00 % RQD 100.00 % Core 123.00 - 126.00 : 49.00 % RQD 100.00 % Core 126.00 - 129.00 : 74.00 % RQD 100.00 % Core 129.00 - 132.00 : 49.00 % RQD 100.00 % Core 132.00 - 135.00 : 68.00 % RQD 100.00 % Core 135.00 - 138.00 : 73.00 % RQD 100.00 % Core 138.00 - 141.00 : 40.00 % RQD 100.00 % Core 141.00 - 144.00 : 52.00 % RQD 100.00 % Core 144.00 - 147.00 : 51.00 % RQD 100.00 % Core 147.00 - 150.00 : 88.00 % RQD 100.00 % Core 150.00 - 153.00 : 57.00 % RQD 100.00 % Core 153.00 - 156.00 : 66.00 % RQD 100.00 % Core 156.00 - 159.00 : 44.00 % RQD 100.00 % Core 159.00 - 162.00 : 13.00 % RQD 100.00 % Core 162.00 - 165.00 : 32.00 % RQD 100.00 % Core 165.00 - 168.00 : 75.00 % RQD 100.00 % Core 168.00 - 171.00 : 92.00 % RQD 100.00 % Core 171.00 - 174.00 : 78.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-12

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
174.00	177.00	83.00 % RQD 100.00 % Core								
177.00	180.00	83.00 % RQD 100.00 % Core								
180.00	183.00	86.00 % RQD 100.00 % Core								
183.00	186.00	73.00 % RQD 100.00 % Core								
186.00	189.00	84.00 % RQD 100.00 % Core								
189.00	192.00	80.00 % RQD 100.00 % Core								
192.00	195.00	37.00 % RQD 100.00 % Core								
195.00	198.00	69.00 % RQD 100.00 % Core								
198.00	201.00	56.00 % RQD 100.00 % Core								
201.00	204.00	53.00 % RQD 100.00 % Core								
204.00	207.00	60.00 % RQD 100.00 % Core								
207.00	210.00	60.00 % RQD 100.00 % Core								
210.00	213.00	67.00 % RQD 100.00 % Core								
213.00	216.00	77.00 % RQD 100.00 % Core								
		MINOR INTERVALS:								
		Minor Interval:								
		178.6 - 181.6 4, Anorthosite / Anorthositic Gabbro								
		Coarse grained, homogenous, massive, non-magnetic, pegmatitic								
		anorthositic unit composed of 80-85% plagioclase and 15-20% biotite								
		(locally 'books').								
		The upper and lower contacts of this unit are sharp at 35 and 60 degrees								
		tca, respectively.								

DETAILED LOG

Hole Number: ER2006-12

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
213.70	244.50	5, Undivided Metasediments MAFIC GNEISS Fine grained, well foliated, dark grey to grey, homogenous, moderately magnetic gneiss composed of 10-35% mm scale garnets and 40-50% biotite/chlorite/pyroxenes within a quartzofeldspathic groundmass. Unit contains local trace disseminated sulphides (generally downhole of 232) - pyrite and chalcopyrite. The lower contact of this unit is unknown as the hole was shutdown. Structure 215.25 - 215.26 : S1 1st Foliation, 55 Deg to CA 220.60 - 220.65 : F Fault, 50 Deg to CA Faulted lower contact (5cm gouge) of minor interval 232.05 - 232.06 : S1 1st Foliation, 45 Deg to CA 240.95 - 240.96 : S1 1st Foliation, 35 Deg to CA RQD 216.00 - 219.00 : 94.00 % RQD 100.00 % Core 219.00 - 222.00 : 80.00 % RQD 100.00 % Core 222.00 - 225.00 : 72.00 % RQD 100.00 % Core 225.00 - 228.00 : 59.00 % RQD 100.00 % Core 228.00 - 231.00 : 72.00 % RQD 100.00 % Core 231.00 - 234.00 : 93.00 % RQD 100.00 % Core 234.00 - 237.00 : 60.00 % RQD 100.00 % Core 237.00 - 240.00 : 72.00 % RQD 100.00 % Core 240.00 - 243.00 : 69.00 % RQD 100.00 % Core 243.00 - 244.50 : 85.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 215.72 - 220.6 4, Anorthosite / Anorthositic Gabbro Pegmatitic anorthosite as described from 178.60m to 181.60m. The upper and lower contacts of this unit are both sharp at 60 and 50 degrees tca. Alteration haloes occur proximal to both contacts, as the rock unit is talc altered (light green) 10cm from the upper contact and 75cm from the lower contact.								

DETAILED LOG

Hole Number: ER2006-13

Units: METRIC

Project Name: Ertelien	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM84-32N	Collar Dip: -45.00
Project Number: 201	North: 6653648.00	North: 6653648.00	Collar Az: 282.00
Location: Surface	East: 533811.00	East: 533811.00	Length: 74.25
	Elev: 663.00	Elev: 663.00	Start Depth: 0.00
Date Started: Sep 25, 2006	Collar Survey: N	Plugged: N	Contractor: Arctic Drilling A/S
Date Completed: Sep 26, 2006	Multishot Survey: N	Hole Size: TT46	Core Storage:
Logged By: blairt	Pulse EM Survey: N	Casing: Left in Hole, capped	Final Depth: 74.25

Comments:

Sample Averages

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	2.70	C, Casing								
2.70	19.94	7, Undivided Mafic Intrusive GABBRO Massive, homogenous, non- to weakly magnetic, medium grained, green-grey gabbro composed of 50-60% plagioclase and 40-50% green pyroxenes. Rusty fractures (groundwater infiltration) occur to a depth of 9.20m. This unit is unmineralized. The lower contact of this unit is sharp at 70 degrees tca along a mm-scale, very fine grained reaction rim. RQD 2.70 - 6.00 : 76.00 % RQD 100.00 % Core 6.00 - 9.00 : 75.00 % RQD 100.00 % Core 9.00 - 12.00 : 91.00 % RQD 100.00 % Core 12.00 - 15.00 : 97.00 % RQD 100.00 % Core 15.00 - 18.00 : 94.00 % RQD 100.00 % Core 18.00 - 21.00 : 91.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-13

Units: METRIC

Detailed Lithology

From To		Lithology	Assay Data							
			Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
19.94	25.40	10f, Mafic dykes	PG04715	22.00	22.62	.62			0.0250	1.00
		INTERMIXED ANORTHOISTE - MAFIC DYKES? - MINERALIZED PYROXENITE - INTERMEDIATE GNEISS (see minor intervals for descriptions).	PG04716	22.62	23.44	.82			0.2400	2.40
		RQD	PG04717	23.44	24.10	.66			0.6700	3.50
		21.00 - 24.00: 86.00 % RQD 100.00 % Core	PG04718	24.10	25.00	.90			0.0250	0.50
		24.00 - 27.00: 98.00 % RQD 100.00 % Core								
		MINOR INTERVALS:								
		Minor Interval:								
		20.03 - 21.57 4, Anorthosite / Anorthositic Gabbro								
		Pale green, homogenous, non-magnetic, massive, fine to medium grained anorthositic unit composed of 90% plagioclase (locally altered to a pale green) and 10% biotite-chlorite.								
		The upper and lower contacts of this unit are both sharp at 70 degrees to the ca.								
		Minor Interval:								
		21.57 - 22.62 10f, Mafic dykes								
		Very fine grained, dark green to black, homogenous, well foliated mafic dyke? composed of 85% pyroxenes (+biotite-chlorite) and 15% plagioclase.								
		21.57m - 22.35m: Intermixed mafic dyke? apophyses with a highly foliated gabbro? The gabbro? appears as dark grey, very fine grained and non-magnetic. Discernible plagioclase phenocrysts occur as well as biotite; fine grained nature makes it difficult to describe mineral assemblages.								
		Structure								
		21.70 - 21.71 : S1 1st Foliation, 70 Deg to CA								
		Minor Interval:								
		22.62 - 24.1 7, Undivided Mafic Intrusive								
		MINERALIZED GABBRO								
		Dark grey, massive, homogenous, fine to medium grained gabbro composed of 80% dark green pyroxenes (+ 10% black biotite) and 10% plagioclase.								
		Both contacts are sharp at 60 degrees to the ca.								
		This unit contains disseminated to net-textured sulphides; predominantly pyrrhotite, although chalcopyrite occurs as patchy sulphides ("flooded" horizons).								

DETAILED LOG

Hole Number: ER2006-13

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 24.1 - 25.4 10f, Mafic dykes Very fine grained, dark green to black, homogenous, well foliated mafic dyke? composed of 85% pyroxenes (+biotite-chlorite) and 15% plagioclase. 24.44m - 24.46m: Sulphide veinlet (35% net-textured pyrrhotite) at 60 degrees tca. The lower contact of this unit is sharp at 80 degrees tca. Structure 24.66 - 24.67 : S1 1st Foliation, 60 Deg to CA								

DETAILED LOG

Hole Number: ER2006-13

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
25.40	74.25	7, Undivided Mafic Intrusive GABBRO	PG04719	34.00	35.55	1.55			0.0600	0.80
			PG04720	35.55	36.00	.45			0.8800	4.00
			PG04721	36.00	37.00	1.00			0.0600	0.50
		Fine to medium grained, white and green (locally dark grey), massive to weakly foliated, non-magnetic, homogenous unit composed of 35-45% plagioclase (white, subhedral to anhedral), 50-60% pyroxenes (green) and 5% biotite-chlorite. The unit appears coarser grained from 27.15m to the lower contact.								
		This unit is unmineralized.								
		The lower contact of this unit is unknown as the hole was shutdown.								
		Structure								
		52.80 - 52.81 : S1 1st Foliation, 60 Deg to CA								
		Foliated, sheared gabbro between 2 sericitized mafic dyklets.								
		RQD								
		27.00 - 30.00 : 90.00 % RQD 100.00 % Core								
		30.00 - 33.00 : 89.00 % RQD 100.00 % Core								
		33.00 - 36.00 : 87.00 % RQD 100.00 % Core								
		36.00 - 39.00 : 86.00 % RQD 100.00 % Core								
		39.00 - 42.00 : 91.00 % RQD 100.00 % Core								
		42.00 - 45.00 : 100.00 % RQD 100.00 % Core								
		45.00 - 48.00 : 96.00 % RQD 100.00 % Core								
		48.00 - 51.00 : 100.00 % RQD 100.00 % Core								
		51.00 - 54.00 : 95.00 % RQD 100.00 % Core								
		54.00 - 57.00 : 90.00 % RQD 100.00 % Core								
		57.00 - 60.00 : 98.00 % RQD 100.00 % Core								
		60.00 - 63.00 : 89.00 % RQD 100.00 % Core								
		63.00 - 66.00 : 87.00 % RQD 100.00 % Core								
		66.00 - 69.00 : 85.00 % RQD 100.00 % Core								
		69.00 - 72.00 : 77.00 % RQD 100.00 % Core								
		72.00 - 74.25 : 80.00 % RQD 100.00 % Core								
		MINOR INTERVALS:								
		Minor Interval:								
		25.4 - 30.16 5, Undivided Metasediments								
		SHEARED INTERMEDIATE GNEISS?								
		Fine grained, white and dark grey, well foliated, non-magnetic, heterogenous unit composed of 35-60% plagioclase, 15-20 pyroxenes and 15-20% biotite / chlorite. This unit is coarser grained downhole from 27.15m; this unit could be a sheared gabbro as well.								



DETAILED LOG

Hole Number: ER2006-13

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 30.16 - 32.45 10f, Mafic dykes As described from 22.35m - 22.62m. 1cm wide quartz vein which contains cubic pyrite occurs at 31.35m (at 50 degrees tca). The upper and lower contacts of this unit are sharp at 60 and 30 degrees tca, respectively. Minor Interval: 46.3 - 47.48 8, Dyke Quartz-plagioclase (85%) and 15% biotite vein. The upper and lower contacts of this unit are sharp at 45 and 40 degrees tca, respectively. Minor Interval: 52.37 - 53.15 4, Anorthosite / Anorthositic Gabbro Fine grained, cream to pale brown-green, well foliated anorthositic veinlets; mafic minerals have been sericitized. This unit has a sheared gabbro from 52.70m - 52.96m, which has a prominent foliation of 60 degrees tca. The upper and lower contacts of this unit are both sharp at 60 degrees tca.								



DETAILED LOG

Hole Number: ER2006-14

Units: METRIC

Project Name:	Ertelien	Primary Coordinates	Grid: UTM84-32N	Destination Coordinates	Grid: UTM84-32N	Collar Dip:	-45.00
Project Number:	201	North:	6653531.00	North:	6653531.00	Collar Az:	282.00
Location:	Surface	East:	533771.00	East:	533771.00	Length:	77.80
		Elev:	656.00	Elev:	656.00	Start Depth:	0.00
Date Started:	Sep 27, 2006	Collar Survey:	N	Plugged:	N	Contractor:	Arctic Drilling A/S
Date Completed:	Sep 28, 2006	Multishot Survey:	N	Hole Size:	TT46	Core Storage:	
Logged By:	blairt	Pulse EM Survey:	N	Casing:	Left in Hole, capped	Final Depth:	77.80

Comments:

Sample Averages

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	2.00	C, Casing								

DETAILED LOG

Hole Number: ER2006-14

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
2.00	17.70	5, Undivided Metasediments INTERMEDIATE GNEISS Fine to medium grained, non-magnetic, well foliated, grey unit composed of 10-15% pyroxenes and 30% biotite within a quartzofeldspathic groundmass. This unit is unmineralized. The lower contact of this unit is sharp at 50 degrees tca, along a 10cm wide plagioclase veinlet. Structure 13.00 - 13.01 : S1 1st Foliation, 35 Deg to CA RQD 2.00 - 5.00 : 92.00 % RQD 100.00 % Core 5.00 - 8.00 : 85.00 % RQD 100.00 % Core 8.00 - 11.00 : 78.00 % RQD 100.00 % Core 11.00 - 14.00 : 100.00 % RQD 100.00 % Core 14.00 - 17.00 : 95.00 % RQD 100.00 % Core 17.00 - 20.00 : 92.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 4.85 - 9.2 7, Undivided Mafic Intrusive Fine grained, dark green, homogenous, non-magnetic, massive to weakly foliated gabbro composed of 60% green pyroxenes, 10% biotite and 30% plagioclase. The upper contact of this unit is chilled (very fine grained gabbro, mm scale alteration halo) at 15 degrees to the ca. The lower contact of this unit is sharp at 60 degrees tca, but lost within sheared core (rusty fractures). 5.35 - 5.50m (30 degrees upper contact / 20 degrees lower contact) - Medium to coarse grained, cream white-peach, massive, undulating plagioclase-quartz vein with weathered pyrite cubes (rusty). 6.75 - 7.37m (5 degrees upper contact / irregular lower contact) - Medium to coarse grained, cream white-peach, massive, undulating plagioclase-quartz vein with weathered pyrite cubes (rusty). Structure 9.10 - 9.20 : S Shear, 60 Deg to CA Rusty fracturing								



DETAILED LOG

Hole Number: ER2006-14

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
17.70	25.25	7, Undivided Mafic Intrusive Dark green, medium grained, homogenous, non-magnetic, weakly foliated to massive gabbro composed of 60-75% pyroxenes, 10% biotite and 15-25% plagioclase. RQD 20.00 - 23.00 : 73.00 % RQD 100.00 % Core 23.00 - 26.00 : 67.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 22.65 - 25.25 5, Undivided Metasediments INTERMIXED GNEISS (~60%) AND FINE GRAINED, CHLORITIZED GABBRO (40%) Gneiss appears fine grained, grey, well foliated unit composed of 15-20% biotite/chlorite and trace garnets in a quartz-rich (+plagioclase) groundmass. Gabbro appears fine grained, homogenous, well foliated unit composed of chlorite/biotite and 10% plagioclase. Intermixed units are cm to dm-scale, with a prominent foliation of 70 degrees tca the ca throughout. Structure 23.90 - 24.10 : S Shear, 70 Deg to CA								
25.25	43.05	7, Undivided Mafic Intrusive MINERALIZED GABBRO Fine to very fine grained, light green, homogenous, non-magnetic, massive to weakly foliated gabbro composed of 85% pyroxenes (+ biotite / chlorite) and 15% plagioclase. This unit appears weakly chloritized. 36.10 - 43.05m: Mineralized zone containing numerous microveinlets of sulphides (po, cpy) throughout. Fine grained, disseminated pyrrhoite (+cpy) occurs within this horizon as well, totalling ~ 5-8% sulphides. LOOKS LIKE WE JUST DRILLED OFF THE SIDE OF SOMETHING! 38.28 - 38.60m: Anorthositic breccia with a chlorite-rich matrix. Brecciated fragments appear semi-rounded and cm scaled. 2-5% cubic pyrite occurs within this zone. The upper contact is sharp but irregular, the lower contact is sharp at 35 degrees tca. RQD 26.00 - 29.00 : 98.00 % RQD 100.00 % Core 29.00 - 32.00 : 100.00 % RQD 100.00 % Core 32.00 - 35.00 : 81.00 % RQD 100.00 % Core 35.00 - 38.00 : 92.00 % RQD 100.00 % Core 38.00 - 41.00 : 94.00 % RQD 100.00 % Core 41.00 - 44.00 : 86.00 % RQD 100.00 % Core	PG04722	35.00	36.10	1.10			0.0250	0.25
			PG04723	36.10	37.50	1.40			0.2000	0.80
			PG04724	37.50	38.28	.78			0.1100	0.60
			PG04726	38.28	38.60	.32			0.0250	0.25
			PG04727	38.60	40.00	1.40			0.0500	0.25
			PG04728	40.00	41.50	1.50			0.1100	0.70
			PG04729	41.50	43.05	1.55			0.0250	0.25

DETAILED LOG

Hole Number: ER2006-14

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
43.05	77.80	7, Undivided Mafic Intrusive Medium grained, green-grey, homogenous, massive to weakly foliated gabbro composed of 50-60% pyroxenes, 5-10% biotite / chlorite and 35-45% plagioclase. This unit is unmineralized. 43.05 - 46.05m: Intermixed siliceous gneiss and chloritized gabbro. The lower contact of this unit is unknown as the hole was shutdown. RQD 44.00 - 47.00 : 92.00 % RQD 100.00 % Core 47.00 - 50.00 : 100.00 % RQD 100.00 % Core 50.00 - 53.00 : 100.00 % RQD 100.00 % Core 53.00 - 56.00 : 100.00 % RQD 100.00 % Core 56.00 - 59.00 : 98.00 % RQD 100.00 % Core 59.00 - 62.00 : 100.00 % RQD 100.00 % Core 62.00 - 65.00 : 94.00 % RQD 100.00 % Core 65.00 - 68.00 : 95.00 % RQD 100.00 % Core 68.00 - 71.00 : 92.00 % RQD 100.00 % Core 71.00 - 74.00 : 97.00 % RQD 100.00 % Core 74.00 - 77.80 : 87.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 68.85 - 76.43 7, Undivided Mafic Intrusive Fine to medium grained, dark green, homogenous, massive gabbro composed of 25-30% plagioclase and 70-75% pyroxenes. Very fine grained, chlorite-rich chill contacts occur on the upper and lower contacts (razor sharp at 45 and 30 degrees to the ca. respectively). Likely same gabbro as described from 4.85-9.2m (chilled contacts, late intrusive).	PG04730	43.05	44.00	.95			0.0250	0.25

DETAILED LOG

Hole Number: ER2006-15

Units: METRIC

Project Name:	Ertelien	Primary Coordinates	Grid: UTM84-32N	Destination Coordinates	Grid: UTM84-32N	Collar Dip:	-88.00
Project Number:	201	North:	6659545.40	North:	6659545.40	Collar Az:	53.00
Location:	Surface	East:	558149.20	East:	558149.20	Length:	252.00
		Elev:	170.00	Elev:	170.00	Start Depth:	0.00
Date Started:	Sep 15, 2006	Collar Survey:	N	Plugged:	N	Contractor:	
Date Completed:	Sep 20, 2006	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
Logged By:	larsw, blairt	Pulse EM Survey:	N	Casing:	Left in Hole, capped	Final Depth:	252.00

Comments:

Sample Averages

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	2.80	C, Casing								

DETAILED LOG

Hole Number: ER2006-15

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
2.80	144.00	7, Undivided Mafic Intrusive Gabbronorite - fine to medium grained, variably magnetic, homogenous on a metre-scale, mottled appearance. This unit contains numerous faults and shears throughout. Fine grained disseminated pyrrhotite occurs locally, resulting in an elevated mag susc. Alteration 33.00 - 33.50 : Q Quartz, F Fracture-Controlled, M Moderate Structure 11.00 - 11.07 : S Shear, 20 Deg to CA chlorite-serp 12.50 - 12.60 : S Shear, 35 Deg to CA chlorite 15.80 - 16.00 : F Fault, 15 Deg to CA Fault gouge - chlorite 16.86 - 16.95 : S Shear, 30 Deg to CA chlorite-serp 19.35 - 19.44 : S Shear, 70 Deg to CA chlorite-serp 29.90 - 30.15 : S Shear, 15 Deg to CA chlorite-serp 30.84 - 31.15 : S Shear, 15 Deg to CA serpentine 32.17 - 32.30 : F Fault, 70 Deg to CA Fault gouge - minor broken core 36.30 - 36.40 : S Shear, 50 Deg to CA Serpentine 53.10 - 53.20 : S Shear, 20 Deg to CA chlorite-serp 63.80 - 64.45 : F Fault, 20 Deg to CA Broken core 65.30 - 65.40 : S Shear, 30 Deg to CA Serpentine 80.60 - 80.75 : S Shear, 20 Deg to CA Serpentine 101.00 - 101.40 : S Shear, 20 Deg to CA Broken core 106.40 - 109.90 : S Shear, 10 Deg to CA Broken core 112.30 - 112.52 : S Shear, 10 Deg to CA Serpentine 123.40 - 124.00 : F Fault, 10 Deg to CA Broken core, fault gouge, 2cm wide py-po veinlet 129.40 - 129.75 : S Shear, 10 Deg to CA Serpentine 131.72 - 131.95 : S Shear, 20 Deg to CA Serpentine								

DETAILED LOG

Hole Number: ER2006-15

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		Structure								
		132.55 - 132.90 : S Shear, 20 Deg to CA								
		Serpentine - minor broken core								
		133.77 - 134.23 : F Fault, 40 Deg to CA								
		fault gouge - broken core								
		RQD								
		2.80 - 6.00 : 88.00 % RQD 100.00 % Core								
		6.00 - 9.00 : 91.00 % RQD 100.00 % Core								
		9.00 - 12.00 : 93.00 % RQD 100.00 % Core								
		12.00 - 15.00 : 86.00 % RQD 100.00 % Core								
		15.00 - 18.00 : 77.00 % RQD 100.00 % Core								
		18.00 - 21.00 : 84.00 % RQD 100.00 % Core								
		21.00 - 24.00 : 100.00 % RQD 100.00 % Core								
		24.00 - 27.00 : 93.00 % RQD 100.00 % Core								
		27.00 - 30.00 : 78.00 % RQD 100.00 % Core								
		30.00 - 33.00 : 85.00 % RQD 100.00 % Core								
		33.00 - 36.00 : 91.00 % RQD 100.00 % Core								
		36.00 - 39.00 : 87.00 % RQD 100.00 % Core								
		39.00 - 42.00 : 89.00 % RQD 100.00 % Core								
		42.00 - 45.00 : 90.00 % RQD 100.00 % Core								
		45.00 - 48.00 : 98.00 % RQD 100.00 % Core								
		48.00 - 51.00 : 92.00 % RQD 100.00 % Core								
		51.00 - 54.00 : 92.00 % RQD 100.00 % Core								
		54.00 - 57.00 : 97.00 % RQD 100.00 % Core								
		57.00 - 60.00 : 85.00 % RQD 100.00 % Core								
		60.00 - 63.00 : 96.00 % RQD 100.00 % Core								
		63.00 - 66.00 : 57.00 % RQD 100.00 % Core								
		66.00 - 69.00 : 71.00 % RQD 100.00 % Core								
		69.00 - 72.00 : 97.00 % RQD 100.00 % Core								
		72.00 - 75.00 : 96.00 % RQD 100.00 % Core								
		75.00 - 78.00 : 85.00 % RQD 100.00 % Core								
		78.00 - 81.00 : 85.00 % RQD 100.00 % Core								
		81.00 - 84.00 : 77.00 % RQD 100.00 % Core								
		84.00 - 87.00 : 91.00 % RQD 100.00 % Core								
		87.00 - 90.00 : 90.00 % RQD 100.00 % Core								
		90.00 - 93.00 : 98.00 % RQD 100.00 % Core								
		93.00 - 96.00 : 90.00 % RQD 100.00 % Core								
		96.00 - 99.00 : 91.00 % RQD 100.00 % Core								
		99.00 - 102.00 : 82.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-16

Units: METRIC

Project Name:	Ertelen	Primary Coordinates	Grid: UTM84-32N	Destination Coordinates	Grid: UTM84-32N	Collar Dip:	-73.00
Project Number:	201	North:	6659604.10	North:	6659604.10	Collar Az:	53.00
Location:	Surface	East:	558061.10	East:	558061.10	Length:	381.90
		Elev:	168.00	Elev:	168.00	Start Depth:	0.00
Date Started:	Sep 22, 2006	Collar Survey:	N	Plugged:	N	Contractor:	
Date Completed:	Sep 30, 2006	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
Logged By:	blairt	Pulse EM Survey:	N	Casing:	Left in Hole, capped	Final Depth:	381.90

Comments:

Sample Averages

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	3.90	C. Casing Oversize from 3.90m - 6.00m								



Hole Number: ER2006-16

Units: METRIC

[illegible]

DETAILED LOG

Hole Number: ER2006-16

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		Structure 57.93 - 57.95 : F Fault, 40 Deg to CA 2cm wide fault gouge 62.80 - 62.95 : S Shear, 20 Deg to CA Break at lower contact at 25 degrees tca 67.60 - 67.80 : F Fault, 55 Deg to CA Fault gouge (major structure) 98.40 - 98.45 : F Fault, 50 Deg to CA Moderately friable fault gouge - broken core for 45cm downhole 133.85 - 136.90 : F Fault, 50 Deg to CA Major faults at 134.9m (15 degrees tca) and 136.90m (50 degrees tca). Broken core; serpentine veinlets throughout 152.44 - 152.46 : F Fault, 10 Deg to CA 2cm wide fault gouge at 10 degrees tca (friable serpentine); broken core downhole to 154m 165.40 - 165.41 : S1 1st Foliation, 60 Deg to CA 165.80 - 165.98 : F Fault, 50 Deg to CA Friable fault gouge (major structure); foliation within the rock within recrystallized gabbro-norite (coarse grained) uphole to 164.80m 200.90 - 201.00 : S Shear, 10 Deg to CA Sheared core at 10 degrees tca; serpentine sealed 206.40 - 206.41 : S1 1st Foliation, 50 Deg to CA RQD 3.90 - 6.00 : 80.00 % RQD 100.00 % Core 6.00 - 9.00 : 61.00 % RQD 100.00 % Core 9.00 - 12.00 : 88.00 % RQD 100.00 % Core 12.00 - 15.00 : 86.00 % RQD 100.00 % Core 15.00 - 18.00 : 98.00 % RQD 100.00 % Core 18.00 - 21.00 : 100.00 % RQD 100.00 % Core 21.00 - 24.00 : 90.00 % RQD 100.00 % Core 24.00 - 27.00 : 93.00 % RQD 100.00 % Core 27.00 - 30.00 : 78.00 % RQD 100.00 % Core 30.00 - 33.00 : 100.00 % RQD 100.00 % Core 33.00 - 36.00 : 82.00 % RQD 100.00 % Core 36.00 - 39.00 : 89.00 % RQD 100.00 % Core 39.00 - 42.00 : 100.00 % RQD 100.00 % Core 42.00 - 45.00 : 100.00 % RQD 100.00 % Core 45.00 - 48.00 : 94.00 % RQD 100.00 % Core 48.00 - 51.00 : 12.00 % RQD 100.00 % Core 51.00 - 54.00 : 49.00 % RQD 100.00 % Core 54.00 - 57.00 : 47.00 % RQD 100.00 % Core 57.00 - 60.00 : 97.00 % RQD 100.00 % Core 60.00 - 63.00 : 46.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-16

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology		Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD									
	63.00	-	66.00 : 81.00 % RQD 100.00 % Core								
	66.00	-	69.00 : 37.00 % RQD 100.00 % Core								
	69.00	-	72.00 : 59.00 % RQD 100.00 % Core								
	72.00	-	75.00 : 60.00 % RQD 100.00 % Core								
	75.00	-	78.00 : 91.00 % RQD 100.00 % Core								
	78.00	-	81.00 : 91.00 % RQD 100.00 % Core								
	81.00	-	84.00 : 95.00 % RQD 100.00 % Core								
	84.00	-	87.00 : 85.00 % RQD 100.00 % Core								
	87.00	-	90.00 : 78.00 % RQD 100.00 % Core								
	90.00	-	93.00 : 84.00 % RQD 100.00 % Core								
	93.00	-	96.00 : 44.00 % RQD 100.00 % Core								
	96.00	-	99.00 : 36.00 % RQD 100.00 % Core								
	99.00	-	102.00 : 93.00 % RQD 100.00 % Core								
	102.00	-	105.00 : 89.00 % RQD 100.00 % Core								
	105.00	-	108.00 : 88.00 % RQD 100.00 % Core								
	108.00	-	111.00 : 96.00 % RQD 100.00 % Core								
	111.00	-	114.00 : 70.00 % RQD 100.00 % Core								
	114.00	-	117.00 : 95.00 % RQD 100.00 % Core								
	117.00	-	120.00 : 98.00 % RQD 100.00 % Core								
	120.00	-	123.00 : 87.00 % RQD 100.00 % Core								
	123.00	-	126.00 : 82.00 % RQD 100.00 % Core								
	126.00	-	129.00 : 83.00 % RQD 100.00 % Core								
	129.00	-	132.00 : 85.00 % RQD 100.00 % Core								
	132.00	-	135.00 : 59.00 % RQD 100.00 % Core								
	135.00	-	138.00 : 40.00 % RQD 100.00 % Core								
	138.00	-	141.00 : 47.00 % RQD 100.00 % Core								
	141.00	-	144.00 : 67.00 % RQD 100.00 % Core								
	144.00	-	147.00 : 85.00 % RQD 100.00 % Core								
	147.00	-	150.00 : 88.00 % RQD 100.00 % Core								
	150.00	-	153.00 : 49.00 % RQD 100.00 % Core								
	153.00	-	156.00 : 62.00 % RQD 100.00 % Core								
	156.00	-	159.00 : 39.00 % RQD 100.00 % Core								
	159.00	-	162.00 : 80.00 % RQD 100.00 % Core								
	162.00	-	165.00 : 95.00 % RQD 100.00 % Core								
	165.00	-	168.00 : 75.00 % RQD 100.00 % Core								
	168.00	-	171.00 : 89.00 % RQD 100.00 % Core								
	171.00	-	174.00 : 100.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-16

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD 174.00 - 177.00 : 19.00 % RQD 100.00 % Core 177.00 - 180.00 : 23.00 % RQD 100.00 % Core 180.00 - 183.00 : 14.00 % RQD 100.00 % Core 183.00 - 186.00 : 77.00 % RQD 100.00 % Core 186.00 - 189.00 : 91.00 % RQD 100.00 % Core 189.00 - 192.00 : 92.00 % RQD 100.00 % Core 192.00 - 195.00 : 92.00 % RQD 100.00 % Core 195.00 - 198.00 : 87.00 % RQD 100.00 % Core 198.00 - 201.00 : 73.00 % RQD 100.00 % Core 201.00 - 204.00 : 66.00 % RQD 100.00 % Core 204.00 - 207.00 : 94.00 % RQD 100.00 % Core 207.00 - 210.00 : 93.00 % RQD 100.00 % Core 210.00 - 213.00 : 93.00 % RQD 100.00 % Core 213.00 - 216.00 : 87.00 % RQD 100.00 % Core 216.00 - 219.00 : 46.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 43.65 - 44.55 8, Dyke Mafic Dyke Fine grained, dark green, homogenous, weakly magnetic, massive mafic dyke composed of 80% pyroxenes and 20% plagioclase. The upper 15cm of this unit is marked by a felsic veinlet (50 degrees contact with mafic unit) and a 3cm wide felsic veinlet on the lower contact. The upper and lower contacts of this unit are sharp at 70 and 50 degrees to the ca, respectively. Minor Interval: 47.95 - 49.05 8, Dyke Mafic Dyke Fine grained, dark green, homogenous, weakly magnetic, massive mafic dyke composed of 80% pyroxenes and 20% plagioclase. The upper 15cm of this unit is marked by a felsic veinlet (60 degrees contact with mafic unit). This unit is highly broken. The upper and lower contacts of this unit are sharp at 60 and 30 degrees to the ca, respectively. Minor Interval: 73 - 73.35 4, Anorthosite / Anorthositic Gabbro Highly broken, plagioclase-rich veinlet; locally sheared.								



DETAILED LOG

Hole Number: ER2006-16

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 92.63 - 92.9 8, Dyke Mafic Dyke? ale green, fine grained, massive, homogenous, non-magnetic unit composed of pyroxenes (epidotized?) and plagioclase. Late stage dyklets The upper and lower contacts of this unit are both sharp at 60 degrees tca. Minor Interval: 95.65 - 96.97 8, Dyke Highly broken, fine grained, black to dark green, homogenous, non-magnetic unit composed of pyroxenes and plagioclase. Both contacts are lost within highly broken core. Minor Interval: 130.27 - 130.6 4, Anorthosite / Anorthositic Gabbro Anorthositic vein with 85% plagioclase and 15% biotite. The upper and lower contacts of this unit are sharp at 60 and 70 degrees tca, respectively. Minor Interval: 174.35 - 186.35 8, Dyke QUARTZ-PLAGIOCLASE VEIN Highly broken, white, massive, homogenous, non-magnetic quartz-plagioclase vein with ~10% coarse grained biotite (within discrete books). Dm scale coarser grained (recrystallized) haloes occur within the gabbro-norite, which contain 3-7% disseminated to patchy sulphides (po, py, cpy). Haloes are 173.40-174.35m (uphole) and 186.35-186.95m (downhole). The upper and lower contacts of this minor interval are sharp at 40 and 35 degrees tca, respectively. Minor Interval: 199 - 201.8 10f, Mafic dykes Very fine grained, highly broken, massive to weakly foliated, dark green, homogenous mafic dyke? composed of 90% pyroxenes (+biotite) and 10% plagioclase. Upper contact contains granoblastic garnets. Country gabbro-norite proximal to contacts is completely altered to biotite-chlorite. ~200.90m - numerous mm-scale serpentine veinlets along fractures, locally sealed (expanding with water). The upper and lower contacts of this unit are sharp at ~20 and 40 degrees to the ca, respectively.								

DETAILED LOG

Hole Number: ER2006-16

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 213.37 - 213.47 5, Undivided Metasediments White-brown, fine grained, well foliated (sheared) unit containing 80% plagioclase and 20% biotite. This unit may represent a raft of intermediate gneiss or an anorthositic unit. The upper and lower contacts of this unit are sharp at 60 and 50 degrees to the ca, respectively.								
216.47	224.97	5, Undivided Metasediments INTERMIXED INTERMEDIATE GNESS (60%) AND CHLORITE-ALTERED GABBRONORITE (40%) Intermediate gneiss - white/black, fine grained, non-magnetic, foliated (biotite-rich horizons) unit composed of plagioclase-rich bands and biotite-rich bands (segregation). Gabbronorite - green, fine grained, non-magnetic, foliated unit composed primarily of chlorite-biotite and light green, waxy plagioclase (~40%). The two units are completely intermixed but the contrast in colour make it quite easy to identify. HIGHLY BROKEN CORE, roughly 20-40 degrees to the ca (preferred fracture planes). The upper contact of this unit is sharp but irregular, the lower contact of this unit is sharp at 30 degrees tca. Structure 224.20 - 224.30 : S Shear, 30 Deg to CA Friable core, difficult to orientation although core within the unit is sheared at ~30 degrees tca. RQD 219.00 - 222.00 : 40.00 % RQD 100.00 % Core 222.00 - 225.00 : 55.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-16

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
224.97	265.27	7a, Gabbronorite Medium grained, massive, homogenous, grey-blue, weakly magnetic gabbronorite composed of 55-60% green pyroxenes (5% biotite) and 40-45% plagioclase. This unit contains trace to 3% fine grained disseminated pyrrhotite +- chalcopyrite throughout. Locally, sulphide concentrations approach 5-8% (see mineralization tab for intervals). The lower contact of this unit is sharp at 50 degrees tca. Finely disseminated pyrrhotite occurs along the lower contact; no alteration apparent with contact relationships. Alteration 229.75 - 229.76 :SERP Serpentine, V Vein, M Moderate Sheared serpentine veinlet at 50 degrees tca 241.19 - 241.21 :SERP Serpentine, V Vein, M Moderate 2cm wide serpentine veinlet at 30 degrees tca RQD 225.00 - 228.00 : 94.00 % RQD 100.00 % Core 228.00 - 231.00 : 74.00 % RQD 100.00 % Core 231.00 - 234.00 : 64.00 % RQD 100.00 % Core 234.00 - 237.00 : 83.00 % RQD 100.00 % Core 237.00 - 240.00 : 100.00 % RQD 100.00 % Core 240.00 - 243.00 : 97.00 % RQD 100.00 % Core 243.00 - 246.00 : 89.00 % RQD 100.00 % Core 246.00 - 249.00 : 83.00 % RQD 100.00 % Core 249.00 - 252.00 : 95.00 % RQD 100.00 % Core 252.00 - 255.00 : 91.00 % RQD 100.00 % Core 255.00 - 258.00 : 95.00 % RQD 100.00 % Core 258.00 - 261.00 : 100.00 % RQD 100.00 % Core 261.00 - 264.00 : 88.00 % RQD 100.00 % Core 264.00 - 267.00 : 83.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 232.7 - 233.55 5, Undivided Metasediments As described from 216.47m - 224.97m (intermdiate gneiss description). The upper and lower contacts of this unit are sharp at 55 and 50 degrees tca, respectively. Structure 233.17 - 233.20 : S Shear, 40 Deg to CA Broken core.	PG04731	237.30	238.10	.80			0.0250	0.25
			PG04732	238.10	239.30	1.20			0.1000	0.80
			PG04733	239.30	240.30	1.00			0.0500	0.25
			PG04734	258.00	259.00	1.00			0.0250	0.25
			PG04735	259.00	260.00	1.00			0.0250	0.25
			PG04736	260.00	261.00	1.00			0.0250	0.25
			PG04737	261.00	262.00	1.00			0.0600	0.60
			PG04738	262.00	262.50	.50			0.1700	1.50
			PG04739	262.50	264.00	1.50			0.0500	0.70
			PG04740	264.00	265.27	1.27			0.1000	0.60



DETAILED LOG

Hole Number: ER2006-16

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 254.44 - 255.22 5, Undivided Metasediments As described from 216.47m - 224.97m (intermdiate gneiss description). Gabbronorite is biotite altered proximal (30cm) to the upper and lower contacts. The upper and lower contacts of this unit are both sharp at 60 degrees tca.								
265.27	301.74	5, Undivided Metasediments Very fine grained, highly broken, massive to weakly foliated, grey-pink, moderately to strongly magnetic mafic gneiss composed of 45-50% mafic minerals (pyroxene, chlorite, biotite) and 5-15% garnets within a quartzofeldspathic groundmass. Garnets occur as rosettes, discrete bands (mm to cm scale) and / or cotecule (within more siliceous horizons). This unit is relatively homogenous although there are dm-scale horizons which are more siliceous. The lower contact of this unit is located along a major fault zone (at 30 degrees tca), which resulted in highly broken core, numerous serpentine slips and cubic pyrites within the fault gouge. Structure 280.30 - 280.31 : S1 1st Foliation, 45 Deg to CA 292.40 - 292.41 : S1 1st Foliation, 40 Deg to CA 301.73 - 301.74 : F Fault, 30 Deg to CA See major description; major fault RQD 267.00 - 270.00 : 61.00 % RQD 100.00 % Core 270.00 - 273.00 : 54.00 % RQD 100.00 % Core 273.00 - 276.00 : 77.00 % RQD 100.00 % Core 276.00 - 279.00 : 81.00 % RQD 100.00 % Core 279.00 - 282.00 : 70.00 % RQD 100.00 % Core 282.00 - 285.00 : 62.00 % RQD 100.00 % Core 285.00 - 288.00 : 52.00 % RQD 100.00 % Core 288.00 - 291.00 : 73.00 % RQD 100.00 % Core 291.00 - 294.00 : 83.00 % RQD 100.00 % Core 294.00 - 297.00 : 55.00 % RQD 100.00 % Core 297.00 - 300.00 : 55.00 % RQD 100.00 % Core 300.00 - 303.00 : 60.00 % RQD 100.00 % Core	PG04741	265.27	266.00	73			0.0250	0.25

DETAILED LOG

Hole Number: ER2006-16

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
301.74	351.25	7, Undivided Mafic Intrusive Fine to locally medium grained, grey, homogenous, weakly magnetic, massive gabbronorite composed of 75% pyroxenes, 10% biotite and 15% plagioclase This unit contains trace to 5% finely disseminated to locally patchy sulphides (pyrrhoite, chalcopyrite). The percentage of sulphides directly correlates with increased magnetic susceptibilities. The lower contact of this unit is sharp at 25 degrees tca and was based on the appearance of distinct foliation within a discernible gneiss. Alteration 307.80 - 308.30 :SERP Serpentine, V Vein, M Moderate Highly broken core; serpentine veinlet at 5 degrees tca 328.75 - 328.76 :SERP Serpentine, V Vein, M Moderate Serpentine veinlet at 15 degrees tca; broken core 329.20 - 329.55 :SERP Serpentine, V Vein, M Moderate 4cm wide serpentine veinlet at 30 degrees tca; broken core Structure 349.40 - 350.15 : S Shear, 35 Deg to CA Sheared gabbronorite (broken core) at 35 degrees tca RQD 303.00 - 306.00 : 89.00 % RQD 100.00 % Core 306.00 - 309.00 : 76.00 % RQD 100.00 % Core 309.00 - 312.00 : 80.00 % RQD 100.00 % Core 312.00 - 315.00 : 91.00 % RQD 100.00 % Core 315.00 - 318.00 : 98.00 % RQD 100.00 % Core 318.00 - 321.00 : 89.00 % RQD 100.00 % Core 321.00 - 324.00 : 98.00 % RQD 100.00 % Core 324.00 - 327.00 : 100.00 % RQD 100.00 % Core 327.00 - 330.00 : 63.00 % RQD 100.00 % Core 330.00 - 333.00 : 90.00 % RQD 100.00 % Core 333.00 - 336.00 : 83.00 % RQD 100.00 % Core 336.00 - 339.00 : 87.00 % RQD 100.00 % Core 339.00 - 342.00 : 78.00 % RQD 100.00 % Core 342.00 - 345.00 : 100.00 % RQD 100.00 % Core 345.00 - 348.00 : 96.00 % RQD 100.00 % Core 348.00 - 351.00 : 78.00 % RQD 100.00 % Core 351.00 - 354.00 : 33.00 % RQD 100.00 % Core	PG04742	310.00	311.00	1.00			0.0250	0.25
			PG04743	311.00	312.00	1.00			0.0250	0.25
			PG04744	312.00	313.00	1.00			0.0250	0.25
			PG04745	349.40	350.15	.75			0.0250	0.25
			PG04746	350.15	351.25	1.10			0.1100	0.90

DETAILED LOG

Hole Number: ER2006-16

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 302.15 - 302.4 5, Undivided Metasediments Mafic gneiss xenolith, as described from 265.27m - 301.74m. The upper contact of this unit is sharp at 30 degrees tca; the lower contact is lost within broken core.								
351.25	381.90	5, Undivided Metasediments Fine grained, dark grey, well foliated, moderately magnetic, heterogenous mafic gneiss composed of 20-25% mm scale (locally cotictic) garnets and 50% mafics (pyroxenes, biotite, chlorite) within a quartzofeldspathic groundmass. Heterogeneity changes on a metre-scale as garnet-rich horizons give way to mafic horizons (resultant high mag susc.). This unit is unmineralized, although there are a couple of sulphide (po, py, cpy) flooded regions proximal to the upper contact. See mineralization tab for intervals. The lower contact of this unit is unknown as the hole was shutdown. Alteration 352.82 - 352.88 :SERP Serpentine, V Vein, M Moderate Serpentine (+quartz-carbonate) veinlet at 40 degrees tca Structure 351.30 - 351.60 : F Fault, 30 Deg to CA Extremely broken core along serpentine fractures; faulted contact 361.75 - 361.76 : S1 1st Foliation, 40 Deg to CA 370.20 - 370.21 : S1 1st Foliation, 45 Deg to CA RQD 354.00 - 357.00 : 45.00 % RQD 100.00 % Core 357.00 - 360.00 : 56.00 % RQD 100.00 % Core 360.00 - 363.00 : 87.00 % RQD 100.00 % Core 363.00 - 366.00 : 80.00 % RQD 100.00 % Core 366.00 - 369.00 : 54.00 % RQD 100.00 % Core 369.00 - 372.00 : 88.00 % RQD 100.00 % Core 372.00 - 375.00 : 63.00 % RQD 100.00 % Core 375.00 - 378.00 : 42.00 % RQD 100.00 % Core 378.00 - 381.80 : 63.00 % RQD 100.00 % Core	PG04747	351.25	353.00	1.75			0.4800	6.00
			PG04748	353.00	353.60	.60			0.1300	2.70
			PG04749	353.60	355.00	1.40			0.0500	0.90
			PG04751	355.00	356.90	1.90			0.0600	0.80
			PG04752	356.90	357.40	.50			0.2200	3.00
			PG04753	357.40	358.00	.60			0.0700	1.00

DETAILED LOG

Hole Number: ER2006-17

Units: METRIC

Project Name: Ertellen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM84-32N	Collar Dip: -62.00
Project Number: 201	North: 6659716.30	North: 6659716.30	Collar Az: 53.00
Location: Surface	East: 558126.70	East: 558126.70	Length: 177.10
	Elev: 183.00	Elev: 183.00	Start Depth: 0.00
Date Started: Oct 01, 2006	Collar Survey: N	Plugged: N	Contractor:
Date Completed: Oct 05, 2006	Multishot Survey: N	Hole Size: NQ	Core Storage:
Logged By: blairt	Pulse EM Survey: N	Casing: Left in Hole, capped	Final Depth: 177.10

Comments:

Sample Averages

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	2.40	C, Casing								
2.40	8.55	4, Anorthosite / Anorthositic Gabbro Medium grained, pale green-white, massive, non-magnetic anorthosite composed of 65% plagioclase, 10% quartz and 25% biotite. Broken core occurs along biotite-rich horizons. Oversized core from 2.40m to 4.95m. Patchy, remobilized sulphides (pyrite, pyrrhotite) occur from 8.15m - 8.18m. The lower contact of this unit is sharp along a shear zone at 80 degrees tca. Structure 8.54 - 8.55 : S Shear, 80 Deg to CA RQD 2.40 - 5.00 : 94.00 % RQD 100.00 % Core 5.00 - 8.00 : 47.00 % RQD 100.00 % Core 8.00 - 11.00 : 52.00 % RQD 100.00 % Core								
8.55	12.85	10f, Mafic dykes Fine grained, massive, dark grey, homogenous, moderately magnetic mafic unit composed of 10% mm scale garnets (rosettes and bands proximal to fractures), 65% pyroxenes (locally altered to biotite) and 25% plagioclase. 8.55m - 8.85m: Mafic minerals entirely altered to biotite. The lower contact of this unit is sharp at 30 degrees to the ca with the downhole gabbroanorthite. RQD 11.00 - 14.00 : 88.00 % RQD 100.00 % Core	PG04754	12.00	12.85	85			0.0250	0.25

DETAILED LOG

Hole Number: ER2006-17

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
12.85	43.85	7a, Gabbronorite Massive, dark grey to grey, fine grained, homogenous, weakly to moderately magnetic gabbronorite composed of 55% pyroxenes, 5-10% biotite and 35-40% plagioclase. This unit contains sulphides throughout as mm to dm scale remobilized veinlets, as patchy blebs and as disseminations throughout. Pyrrhoite is the predominant sulphide comprising ~ 90% of the sulphides in the unit, with medium grained pyrite occurring generally along veinlet contacts. Chalcopyrite occurs as splashes within veinlets as well as within larger blebs. Background content of the entire gabbronorite unit is ~5%, although numerous veinlets, semi-massive, massive sulphides occur. See mineralization tab for more prominent mineralized zones. 41.18 - 43.85m: Intermixed zone of gabbronoritic affinity intrusive rocks with felsic gneisses. This unit contains 30% mm scale garnets throughout, although mm-scale garnet bands occur proximal to massive sulphide veinlets. Mixing zone (assimilation). This unit contains ~15-20% sulphides (12po, 5py and 1cpy). The lower contact of this unit was based on the appearance of a 'clear-cut' felsic gneiss (concurrent with no mineralization). Structure 35.00 - 36.30 : S Shear, 30 Deg to CA Broken core leading to fault zone 36.30 - 36.70 : F Fault, 45 Deg to CA Highly broken core (friable); one intact piece with core angles at 45 degrees. 36.70 - 37.04 : S Shear, 15 Deg to CA Low angle serpentine +/- quartz-carbonate veinlets downhole of fault zone RQD 14.00 - 17.00 : 96.00 % RQD 100.00 % Core 17.00 - 20.00 : 96.00 % RQD 100.00 % Core 20.00 - 23.00 : 99.00 % RQD 100.00 % Core 23.00 - 26.00 : 100.00 % RQD 100.00 % Core 26.00 - 29.00 : 87.00 % RQD 100.00 % Core 29.00 - 32.00 : 100.00 % RQD 100.00 % Core 32.00 - 35.00 : 94.00 % RQD 100.00 % Core 35.00 - 38.00 : 63.00 % RQD 100.00 % Core 38.00 - 41.00 : 90.00 % RQD 100.00 % Core 41.00 - 44.00 : 92.00 % RQD 100.00 % Core	PG04755	12.85	13.35	.50			0.2800	2.90
			PG04756	13.35	15.00	1.65			0.0800	1.00
			PG04757	21.00	21.78	.78			0.0600	0.60
			PG04758	21.78	22.42	.64			0.0800	1.00
			PG04759	22.42	23.20	.78			0.1400	2.20
			PG04760	23.20	23.45	.25			0.1000	1.20
			PG04761	23.45	23.95	.50			0.1800	1.90
			PG04762	23.95	24.68	.73			0.3700	3.20
			PG04763	24.68	25.40	.72			0.2000	1.70
			PG04764	25.40	25.62	.22			0.1800	1.70
			PG04765	25.62	26.30	.68			0.0600	0.25
			PG04766	28.50	29.32	.82			0.1500	4.40
			PG04767	29.32	29.57	.25			0.0900	2.40
			PG04768	29.57	31.00	1.43			0.3300	2.90
			PG04769	31.00	32.50	1.50			0.2700	2.70
			PG04770	32.50	34.00	1.50			0.2500	2.10
			PG04771	34.00	35.28	1.28			0.2500	2.10
			PG04772	35.28	35.63	.35			0.3600	4.50
			PG04773	35.63	36.30	.67			0.1300	1.10
			PG04774	40.00	41.18	1.18			0.0250	0.25
			PG04776	41.18	42.45	1.27			0.2000	2.00
			PG04777	42.45	43.85	1.40			0.4300	3.90

DETAILED LOG

Hole Number: ER2006-17

Units: METRIC

Detailed Lithology

From To		Lithology	Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
43.85	60.80	5, Undivided Metasediments Fine grained, heterogenous, well foliated, weakly magnetic, dark grey to pink felsic gneiss composed of 20-35% mm scale garnets, 15-25% mafic minerals (pyroxenes, biotite, chlorite) within a quartzofeldspathic groundmass. This unit contains numerous sulphide horizons, primarily as cm to dm scale scale remobilized sulphide veinlets generally parallel to foliation planes. Disseminated pyrrhotite occurs within more mafic horizons. See mineralization tab for sulphide intervals. The lower contact of this unit is sharp at 30 degrees tca, along a massive sulphide veinlet. Alteration 45.70 - 46.25 :SERP Serpentine, V Vein, M Moderate Broken core as serpentine veinlet is at 10 degrees tca. Structure 48.75 - 48.76 : S1 1st Foliation, 30 Deg to CA 57.90 - 59.00 : S Shear, 30 Deg to CA Highly broken core; shear zone? 59.35 - 59.36 : S1 1st Foliation, 35 Deg to CA RQD 44.00 - 47.00 : 70.00 % RQD 100.00 % Core 47.00 - 50.00 : 73.00 % RQD 100.00 % Core 50.00 - 53.00 : 77.00 % RQD 100.00 % Core 53.00 - 56.00 : 91.00 % RQD 100.00 % Core 56.00 - 59.00 : 38.00 % RQD 100.00 % Core Highly broken core from 57.9m - 59m (shear zone?) 59.00 - 62.00 : 86.00 % RQD 100.00 % Core	PG04778	43.85	44.50	.65			0.0700	0.80
			PG04779	50.50	51.20	.70			0.0250	0.80
			PG04780	51.20	51.50	.30			5.0800	37.20
			PG04781	51.50	52.50	1.00			0.0800	1.50
			PG04782	52.50	53.45	.95			0.0250	1.10
			PG04783	53.45	54.30	.85			0.1200	1.50
			PG04784	54.30	55.00	.70			0.0250	0.90
			PG04785	57.00	57.65	.65			0.1600	1.30
			PG04786	57.65	57.90	.25			1.1400	5.40
			PG04787	57.90	59.35	1.45			0.5900	5.40
			PG04788	59.35	59.65	.30			0.7400	9.40
			PG04789	59.65	60.80	1.15			0.4100	4.80

DETAILED LOG

Hole Number: ER2006-17

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
60.80	86.14	7a, Gabbronorite Massive, homogenous, dark grey, weakly magnetic (magnetic susceptibility is sulphide dependent), fine grained gabbronorite composed of 55% pyroxenes, 5% biotite and 40% plagioclase. This unit is heavily mineralized (15-20% pyrrhotite) from the upper contact (60.80m) to approximately 70m. Sulphides occur as heavily disseminated to patchy to net-textured to cm-scale massive sulphide veinlets. Downhole of 70m, 1-2% disseminated pyrrhotite occurs throughout. See mineralization tab for sulphide intervals. The lower contact of this unit is very sharp at 55 degrees tca, along a downhole pegmatitic anorthosite. Biotite alteration (pyroxenes altered to biotite) occurs from 85.80-86.14m. RQD 62.00 - 65.00 : 97.00 % RQD 100.00 % Core 65.00 - 68.00 : 100.00 % RQD 100.00 % Core 68.00 - 71.00 : 91.00 % RQD 100.00 % Core 71.00 - 74.00 : 100.00 % RQD 100.00 % Core 74.00 - 77.00 : 100.00 % RQD 100.00 % Core 77.00 - 80.00 : 91.00 % RQD 100.00 % Core 80.00 - 83.00 : 90.00 % RQD 100.00 % Core 83.00 - 86.00 : 87.00 % RQD 100.00 % Core 86.00 - 89.00 : 40.00 % RQD 100.00 % Core	PG04790	60.80	61.12	.32			0.5800	10.50
			PG04791	61.12	62.95	1.83			0.1100	1.90
			PG04792	62.95	63.45	.50			0.2400	2.70
			PG04793	63.45	65.00	1.55			0.0800	1.20
			PG04794	65.00	66.50	1.50			0.1000	1.60
			PG04795	66.50	68.12	1.62			0.1400	1.90
			PG04796	68.12	68.55	.43			0.6700	5.90
			PG04797	68.55	69.65	1.10			0.2800	2.80
			PG04798	69.65	71.00	1.35			0.1500	1.60



DETAILED LOG

Hole Number: ER2006-17

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
86.14	105.95	5, Undivided Metasediments FELSIC GNEISS - HIGHLY BROKEN Fine grained, light grey, moderately foliated, weakly magnetic, heterogenous felsic gneiss composed of 15-25% mm scale garnets, 25% plagioclase (white phenocrysts), ~5-10% biotite and quartz. The gneissosity within this unit is highly irregular as the core axis angles ripple and undulate throughout the core. This unit contains several intervals of remobilized sulphide (cm scale) veinlets (pyrite-rich). See mineralization tab for sulphide intervals. The lower contact of this unit is sharp at 30 degrees to the ca, along a serpentine-sulphide slip. Structure 98.10 - 98.11 : S1 1st Foliation, 20 Deg to CA RQD 89.00 - 92.00 : 67.00 % RQD 100.00 % Core 92.00 - 95.00 : 39.00 % RQD 100.00 % Core 95.00 - 98.00 : 57.00 % RQD 100.00 % Core 98.00 - 101.00 : 54.00 % RQD 100.00 % Core 101.00 - 104.00 : 21.00 % RQD 100.00 % Core 104.00 - 107.00 : 52.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 86.14 - 90.08 4, Anorthosite / Anorthositic Gabbro Highly broken, white-grey, non-magnetic anorthosite composed of 75% plagioclase and 25% biotite. The upper contact of this unit is sharp at 55 degrees tca, the lower contact is also sharp but irregular (undulating through the core).	PG04799	103.50	104.70	1.20			0.0700	0.60
			PG04801	104.70	105.95	1.25			0.1900	0.90



DETAILED LOG

Hole Number: ER2006-17

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
105.95	124.95	5, Undivided Metasediments MAFIC GNEISS Fine grained, massive to weakly foliated, weakly magnetic, grey unit composed of 50% mafic minerals (pyroxenes, biotite, chlorite) and 50% plagioclase (+ quartz). No visible quartz is apparent but the rock is very hard to scratch and appears steel grey in colour (silicified?). Garnets occur locally as rosettes proximal to microveinlets of serpentine/chlorite. This unit may also be a silicified gabbro? This unit contains trace - 2% disseminated pyrrhotite (common proximal to upper contact). The lower contact of this unit was based on the percentage of mafic minerals as well as the colour of the downhole unit. This was sharp along a felsic veinlet at 15 degrees tca. Alteration 120.30 - 120.70 :SERP Serpentine, V Vein, M Moderate Broken core due to serpentine veinlet at ~5 degrees tca 124.30 - 124.31 :SERP Serpentine, V Vein, M Moderate At 30 degrees tca 124.55 - 124.56 :SERP Serpentine, V Vein, M Moderate At 35 degrees tca Structure 123.45 - 124.95 : S Shear, 15 Deg to CA Shear zone (highly broken core) ending in gouge like material at 15 degrees tca. RQD 107.00 - 110.00 : 84.00 % RQD 100.00 % Core 110.00 - 113.00 : 90.00 % RQD 100.00 % Core 113.00 - 116.00 : 97.00 % RQD 100.00 % Core 116.00 - 119.00 : 93.00 % RQD 100.00 % Core 119.00 - 122.00 : 81.00 % RQD 100.00 % Core 122.00 - 125.00 : 61.00 % RQD 100.00 % Core	PG04802	105.95	107.50	1.55			0.0700	0.70



DETAILED LOG

Hole Number: ER2006-17

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
124.95	133.43	7, Undivided Mafic Intrusive HIGHLY BROKEN GABBRO-NORITE Light green, massive, fine grained, weakly magnetic unit composed of ~55-60% pyroxenes and 40-45% plagioclase. This rock unit is highly broken and highly altered as it is located between 2 major structures (shear zone @ 124.95m and Fault zone at 131.2-131.80m). Fault zone is extremely broken with cm-scale pieces of core, some of which contact pyrrhotite and chalcopyrite. Core axis angles are very difficult to ascertain as the core is pretty much gravel. This unit contains massive sulphide mineralization from the fault zone to the end of the unit. Massive sulphide sections are composed of medium to coarse grained pyrrhotite and splashy chalcopyrite. See mineralization tab for interval. The lower contact of this unit is sharp at 65 degrees to the ca along the massive sulphide vein. Structure 131.20 - 131.80 See major interval for description. RQD 125.00 - 128.00 : 45.00 % RQD 100.00 % Core 128.00 - 131.00 : 35.00 % RQD 100.00 % Core 131.00 - 134.00 : 23.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 129.25 - 130.45, Undivided Metasediments Grey-black, fine grained, homogenous, weakly magnetic, highly broken unit composed of 45-50% plagioclase (+ quartz) and 55% biotite/chlorite +/- pyroxenes. This unit is unmineralized. The upper contact is sharp but irregular and the lower contact is sharp at 50 degrees tca	PG04803	130.40	131.20	.80			0.0250	0.80
			PG04804	131.20	132.70	1.50			0.5300	6.20
			PG04805	132.70	133.43	.73			0.7400	6.10

DETAILED LOG

Hole Number: ER2006-17

Units: METRIC

Detailed Lithology

From To		Lithology	Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
133.43	177.10	5, Undivided Metasediments GNEISS (FELSIC TO MAFIC) Fine grained, dark grey to light grey, weakly to moderately magnetic, massive to locally well foliated, heterogenous gneiss composed of variable amounts of garnets, biotite, plagioclase and quartz. Overall, the unit is comprised of ~25-30% mafic gneiss, 50% intermediate and 20-25% felsic gneiss. Mineralization within this unit is almost exclusive to the felsic gneiss (>168m). Sulphides present are pyrrhotite, pyrite and chalcopyrite. Sulphides primarily occur as remobilized veins and veinlets throughout the felsic gneiss, although cm-scale pyrrhotite +/- chalcopyrite patches occur. See mineralization tab for intervals. The lower contact of this unit is unknown as the hole hit an interpreted underground working. Drillcon lowered the rods a total of 12m before hitting any obstruction. Alteration 151.70 - 153.00: SERP Serpentine, V Vein, M Moderate Highly broken core, low angle serpentine injected horizon (~30 degrees tca). Structure 164.00 - 164.01: S1 1st Foliation, 60 Deg to CA 171.85 - 171.86: S1 1st Foliation, 50 Deg to CA RQD 134.00 - 137.00: 65.00 % RQD 100.00 % Core 137.00 - 140.00: 64.00 % RQD 100.00 % Core 140.00 - 143.00: 67.00 % RQD 100.00 % Core 143.00 - 146.00: 53.00 % RQD 100.00 % Core 146.00 - 149.00: 71.00 % RQD 100.00 % Core 149.00 - 152.00: 70.00 % RQD 100.00 % Core 152.00 - 155.00: 43.00 % RQD 100.00 % Core 155.00 - 158.00: 86.00 % RQD 100.00 % Core 158.00 - 161.00: 91.00 % RQD 100.00 % Core 161.00 - 164.00: 85.00 % RQD 100.00 % Core 164.00 - 167.00: 58.00 % RQD 100.00 % Core 167.00 - 170.00: 58.00 % RQD 100.00 % Core 170.00 - 173.00: 58.00 % RQD 100.00 % Core 173.00 - 177.10: 73.00 % RQD 100.00 % Core	PG04806	133.43	135.00	1.57			0.0800	0.90
			PG04807	135.00	136.00	1.00			0.1200	1.80
			PG04808	136.00	137.15	1.15			0.0250	0.50
			PG04809	137.15	138.00	.85			0.0250	0.60
			PG04810	168.00	168.88	.88			0.0250	0.80
			PG04811	168.88	170.00	1.12			0.1200	1.60
			PG04812	170.00	171.00	1.00			0.1200	1.80
			PG04813	171.00	172.18	1.18			0.0600	1.10
			PG04814	172.18	173.42	1.24			0.5900	5.40
			PG04815	173.42	174.66	1.24			1.3900	9.20
			PG04816	174.66	175.50	.84			0.2600	2.60
			PG04817	175.50	177.10	1.60			0.2000	2.20



DETAILED LOG

Hole Number: ER2006-17

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 133.43 - 137.15 5, Undivided Metasediments ASSIMILATED GABBRONORITE-GNEISS Highly mottled, grey-green, fine grained, moderately magnetic, contorted, heterogenous unit containing varying amounts of pyroxenes, biotite, plagioclase and quartz. The unit is highly variable and appears to have a weak foliation that undulates parallel to ca. Mineralization occurs as belbs and disseminations throughout, totalling 3-5% pyrrhotite. The lower contact of this unit is sharp at 45 degrees to the ca along a less deformed, more massive mafic gneiss. Minor Interval: 139.3 - 139.95 8, Dyke Quartz-plagioclase vein with sharp upper and lower contacts, both at 70 degrees to the ca. Minor Interval: 140.28 - 140.5 8, Dyke Quartz-plagioclase vein with sharp but irregular upper contact and a broken lower contact. The lower contact appears sheared at 55 degrees tca. Minor Interval: 150.2 - 150.47 8, Dyke Quartz-plagioclase vein with irregular upper and lower contacts.								



DETAILED LOG

Hole Number: ER2006-18

Units: METRIC

Project Name:	Ertelien	Primary Coordinates	Grid: UTM84-32N	Destination Coordinates	Grid: UTM84-32N	Collar Dip:	-73.00
Project Number:	201	North:	6659589.00	North:	6659589.00	Collar Az:	53.00
Location:	Surface	East:	558127.00	East:	558127.00	Length:	349.20
		Elev:	173.00	Elev:	173.00	Start Depth:	0.00
Date Started:	Oct 05, 2006	Collar Survey:	N	Plugged:	N	Contractor:	
Date Completed:	Oct 11, 2006	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
Logged By:	blairt	Pulse EM Survey:	N	Casing:	Left in Hole, capped	Final Depth:	349.20

Comments:

Sample Averages

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	1.40	C, Casing								

DETAILED LOG

Hole Number: ER2006-18

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
1.40	142.55	7a, Gabbroonorite Fine to medium grained, massive to locally foliated, grey to dark grey, relatively homogenous, weakly to moderately magnetic gabbroonorite composed of 40-45% pyroxene, ~5% biotite and 50-55% plagioclase. This unit contains a background sulphide content of 1-3% fine grained, disseminated pyrrhotite. Proximal to shear zones and fault zones, the sulphide content increases to 5-10% sulphides (patchy, remobilized sulphides). Alteration 24.25 - 24.26 :SERP Serpentine, V Vein, M Moderate 1cm wide serpentine veinlet at 50 degrees tca; broken core downhole for 10cm 55.40 - 64.20 :SERP Serpentine, P Pervasive, M Moderate Plagioclase altered grey-blue, weakly to moderately foliated, moderately magnetic (serpentinized pyroxenes). Looks more patchy. Contains 1-4% fine grained disseminated pyrrhotite. 106.50 - 106.70 :SERP Serpentine, V Vein, M Moderate 1cm wide serpentine veinlet at 15 degrees tca; broken core 47.80 - 48.30 :SERP Serpentine, V Vein, M Moderate Low angle serpentine veinlet (~10 degrees tca) resulting in broken core 64.45 - 64.87 :SERP Serpentine, V Vein, M Moderate 1cm wide serpentine veinlet at 5 degrees tca; broken core 129.00 - 136.00 :SERP Serpentine, P Pervasive, M Moderate Plagioclase altered grey-blue, weakly to moderately foliated, moderately magnetic (serpentinized pyroxenes). Looks more patchy. Contains 1-4% fine grained disseminated pyrrhotite (increased mag susc). Structure 22.55 - 23.65 : F Fault, 20 Deg to CA 30cm of Fault gouge at 20 degrees tca from the upper contact; highly broken core due to 4-5cm wide serpentine veinlet at 5 degrees tca 40.80 - 47.30 : F Fault, 25 Deg to CA Highly broken, sheared core; upper contact at 15 tca along white serp-cb veinlet; lower contact at 35 tca along 1cm wide fault gouge. Core loss at 42.80m (25cm) and 46.10m (10cm). 55.33 - 55.40 : F Fault, 60 Deg to CA Friable fault gouge (chlorite-rich) 58.60 - 58.70 : F Fault, 55 Deg to CA Serpentine/chlorite-rich fault gouge 69.22 - 69.23 : F Fault, 50 Deg to CA Chlorite-rich fault gouge; doesn't appear to be a major structure 130.53 - 130.73 : S Shear, 35 Deg to CA Shear zone with gouge at 35 degrees tca (1cm wide). 139.30 - 139.50 : F Fault, 45 Deg to CA Broken, friable core (serpentine-rich) at 45 degrees tca, fault gouge RQD 1.40 - 5.00 : 77.00 % RQD 100.00 % Core 5.00 - 8.00 : 91.00 % RQD 100.00 % Core	PG04818	82.00	83.00	1.00			0.0900	0.25
			PG04819	83.00	84.00	1.00			0.0800	0.25
			PG04820	84.00	85.00	1.00			0.1700	0.80
			PG04821	85.00	86.00	1.00			0.0700	0.25
			PG04822	141.50	142.55	1.05			0.0250	0.80

DETAILED LOG

Hole Number: ER2006-18

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
	8.00	- 11.00 : 81.00 % RQD 100.00 % Core								
	11.00	- 14.00 : 95.00 % RQD 100.00 % Core								
	14.00	- 17.00 : 78.00 % RQD 100.00 % Core								
	17.00	- 20.00 : 97.00 % RQD 100.00 % Core								
	20.00	- 23.00 : 80.00 % RQD 100.00 % Core								
	23.00	- 26.00 : 60.00 % RQD 100.00 % Core								
	26.00	- 29.00 : 90.00 % RQD 100.00 % Core								
	29.00	- 32.00 : 89.00 % RQD 100.00 % Core								
	32.00	- 35.00 : 67.00 % RQD 100.00 % Core								
	35.00	- 38.00 : 59.00 % RQD 100.00 % Core								
	38.00	- 41.00 : 51.00 % RQD 100.00 % Core								
	41.00	- 44.00 : 25.00 % RQD 100.00 % Core								
	44.00	- 47.00 : 33.00 % RQD 100.00 % Core								
	47.00	- 50.00 : 62.00 % RQD 100.00 % Core								
	50.00	- 53.00 : 85.00 % RQD 100.00 % Core								
	53.00	- 56.00 : 79.00 % RQD 100.00 % Core								
	56.00	- 59.00 : 80.00 % RQD 100.00 % Core								
	59.00	- 62.00 : 77.00 % RQD 100.00 % Core								
	62.00	- 65.00 : 88.00 % RQD 100.00 % Core								
	65.00	- 68.00 : 100.00 % RQD 100.00 % Core								
	68.00	- 71.00 : 83.00 % RQD 100.00 % Core								
	71.00	- 74.00 : 94.00 % RQD 100.00 % Core								
	74.00	- 77.00 : 100.00 % RQD 100.00 % Core								
	77.00	- 80.00 : 80.00 % RQD 100.00 % Core								
	80.00	- 83.00 : 88.00 % RQD 100.00 % Core								
	83.00	- 86.00 : 89.00 % RQD 100.00 % Core								
	86.00	- 89.00 : 94.00 % RQD 100.00 % Core								
	89.00	- 92.00 : 96.00 % RQD 100.00 % Core								
	92.00	- 95.00 : 85.00 % RQD 100.00 % Core								
	95.00	- 98.00 : 92.00 % RQD 100.00 % Core								
	98.00	- 101.00 : 83.00 % RQD 100.00 % Core								
	101.00	- 104.00 : 71.00 % RQD 100.00 % Core								
	104.00	- 107.00 : 82.00 % RQD 100.00 % Core								
	107.00	- 110.00 : 100.00 % RQD 100.00 % Core								
	110.00	- 113.00 : 91.00 % RQD 100.00 % Core								
	113.00	- 116.00 : 95.00 % RQD 100.00 % Core								
	116.00	- 119.00 : 100.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-18

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
		119.00 - 122.00 : 95.00 % RQD 100.00 % Core								
		122.00 - 125.00 : 67.00 % RQD 100.00 % Core								
		125.00 - 128.00 : 89.00 % RQD 100.00 % Core								
		128.00 - 131.00 : 80.00 % RQD 100.00 % Core								
		131.00 - 134.00 : 92.00 % RQD 100.00 % Core								
		134.00 - 137.00 : 97.00 % RQD 100.00 % Core								
		137.00 - 140.00 : 69.00 % RQD 100.00 % Core								
		140.00 - 143.00 : 84.00 % RQD 100.00 % Core								
		MINOR INTERVALS:								
		Minor Interval:								
		34.75 - 38 10f, Mafic dykes								
		Fine grained, dark green, homogenous, massive, weakly magnetic mafic dyke composed of 55% mafics (pyroxenes, biotite, chlorite) and 45% plagioclase phenocrysts. Unit contains several dm-scale rafts of host gabbro (35.55-35.82m and 37.30-37.43m) which have sharp but irregular contacts; generally contain 5-10% patchy to blebby sulphides.								
		The upper contact of this unit is at 50 degrees tca within broken core.								
		The lower contact of this unit is lost within broken core.								
		Minor Interval:								
		52.4 - 54.82 10f, Mafic dykes								
		Fine grained, well foliated, homogenous, weakly magnetic mafic dyke with 35% biotite, 10% chlorite and 55% plagioclase. This unit has associated plagioclase-rich (anorthositic) sweats, especially proximal to the contacts. One dm-scale gabbro raft occurs (53.00-53.45m). This unit appears older than the interval from 34.75-38.00m because the contacts do not appear as sharp intrusive contacts, but more assimilated (irregular).								
		The upper and lower contacts are sharp at 40 and 60 degrees tca, respectively.								
		Minor Interval:								
		100.5 - 104.5 10f, Mafic dykes								
		As described from 52.40m - 54.82m.								
		The upper contact is at 15 degrees tca, the lower contact is lost within broken core.								
		Minor Interval:								
		122.92 - 123.2 4, Anorthosite / Anorthositic Gabbro								
		Anorthosite veinlet with sharp upper and lower contacts at 60 and 45 degrees tca, respectively.								



DETAILED LOG

Hole Number: ER2006-18

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
142.55	152.35	MS, MASSIVE SULPHIDE (>75%) Medium to coarse pyrrhotite; medium grained pyrite within dm-scale horizons (143.70 - 143.90m and 150.85 - 151.05m). These pyrite regions have interstitial chalcopyrite associated with them. Gangue minerals comprise ~10-15% gabbro-noritic clasts (mm to cm scale semi-rounded - partially digested). Garnets appear to rim clasts (primarily gneissic clasts). Chalcopyrite also occurs throughout the unit as clots and wisps. The upper contact of this unit is sharp at 50 degrees tca and the lower contact is sharp but irregular. RQD 143.00 - 146.00 : 55.00 % RQD 100.00 % Core 146.00 - 149.00 : 60.00 % RQD 100.00 % Core 149.00 - 152.00 : 100.00 % RQD 100.00 % Core 152.00 - 155.00 : 90.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 144.03 - 145.45 5, Undivided Metasediments Light grey, well foliated, weakly magnetic, fine grained felsic gneiss composed of 25-30% biotite and 5% garnets within a quartzofeldspathic groundmass. The upper and lower contacts of this unit are sharp at 50 and 70 degrees to the ca, respectively. Minor Interval: 146.25 - 147.8 5, Undivided Metasediments Light grey, well foliated, weakly magnetic, fine grained felsic gneiss composed of 25-30% biotite and 5% garnets within a quartzofeldspathic groundmass. The upper contact of this unit is lost within broken core; the lower contact of this unit is sharp but irregular. Structure 147.30 - 147.31 S1 1st Foliation, 50 Deg to CA	PG04823	142.55	144.03	1.48			1.2400	10.50
			PG04824	144.03	145.45	1.42			0.0600	1.00
			PG04825	145.45	146.25	.80			0.5100	6.60
			PG04827	146.25	147.80	1.55			0.0250	0.25
			PG04828	147.80	149.30	1.50			0.8800	8.60
			PG04829	149.30	150.80	1.50			0.7400	8.00
			PG04830	150.80	152.35	1.55			1.7000	17.60

DETAILED LOG

Hole Number: ER2006-18

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
152.35	226.80	7a, Gabbronorite Fine to medium grained, massive to locally foliated, grey to dark grey, relatively homogenous, weakly to moderately magnetic gabbronorite composed of 40-45% pyroxene, ~5% biotite and 50-55% plagioclase. This unit contains a background sulphide content of 1-3% fine grained, disseminated pyrrhotite. Proximal to shear zones and fault zones, the sulphide content increases to 5-10% sulphides (patchy, remobilized sulphides). Alteration 175.15 - 175.65 :SERP Serpentine, V Vein, M Moderate 1cm wide serpentine veinlet at 5 degrees tca; core intact 188.55 - 188.56 :SERP Serpentine, V Vein, M Moderate 1cm wide veinlet at 35 degrees 210.30 - 210.93 :SERP Serpentine, V Vein, M Moderate Serpentine veinlets injected at low angles; broken core 178.40 - 178.90 :SERP Serpentine, V Vein, M Moderate 1cm wide serpentine veinlet undulating parallel to ca; broken core 192.10 - 192.11 :SERP Serpentine, V Vein, M Moderate 1cm wide veinlet at 35 degrees 217.90 - 218.70 :SERP Serpentine, V Vein, M Moderate Serpentine veinlet undulating parallel to ca; broken core 219.45 - 220.00 :SERP Serpentine, V Vein, M Moderate Broken core; Fault gouge at 219.55m (no orientation) - gravel 217.90 - 225.80 :SERP Serpentine, P Pervasive, S Strong Serpentinized gabbronorite - altered plagioclase (blue-grey) with numerous serpentine veinlets. High mag susc. Structure 180.66 - 180.80 : F Fault, 60 Deg to CA 3cm wide fault gouge; cubic pyrite within the fault gouge 198.70 - 198.71 : S1 1st Foliation, 35 Deg to CA 199.11 - 199.35 : S Shear, 70 Deg to CA Anorthosite - fault gouge from 199.30 - 199.35m (70 degrees) - shear fabric uphole for 50cm. 202.28 - 202.38 : S Shear, 45 Deg to CA Shear zone (quartz-carbonate veinlet) at 45 degrees with shear fabric for 50cm downhole 212.27 - 212.53 : S Shear, 45 Deg to CA Shear zone (sealed core - white serp) with upper and lower contacts at 40 and 50 degrees tca, respectively RQD 155.00 - 158.00 : 100.00 % RQD 100.00 % Core 158.00 - 161.00 : 97.00 % RQD 100.00 % Core 161.00 - 164.00 : 89.00 % RQD 100.00 % Core 164.00 - 167.00 : 100.00 % RQD 100.00 % Core 167.00 - 170.00 : 96.00 % RQD 100.00 % Core	PG04831	152.35	153.35	1.00			0.1600	1.80
			PG04832	206.00	207.00	1.00			0.0900	0.25
			PG04833	207.00	208.00	1.00			0.0900	0.25
			PG04834	208.00	209.00	1.00			0.1400	0.50
			PG04835	209.00	210.00	1.00			0.0800	0.25



DETAILED LOG

Hole Number: ER2006-18

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
		170.00 - 173.00 : 89.00 % RQD 100.00 % Core								
		173.00 - 176.00 : 88.00 % RQD 100.00 % Core								
		176.00 - 179.00 : 82.00 % RQD 100.00 % Core								
		179.00 - 182.00 : 65.00 % RQD 100.00 % Core								
		182.00 - 185.00 : 96.00 % RQD 100.00 % Core								
		185.00 - 188.00 : 99.00 % RQD 100.00 % Core								
		188.00 - 191.00 : 93.00 % RQD 100.00 % Core								
		191.00 - 194.00 : 84.00 % RQD 100.00 % Core								
		194.00 - 197.00 : 79.00 % RQD 100.00 % Core								
		197.00 - 200.00 : 97.00 % RQD 100.00 % Core								
		200.00 - 203.00 : 56.00 % RQD 100.00 % Core								
		203.00 - 206.00 : 85.00 % RQD 100.00 % Core								
		206.00 - 209.00 : 84.00 % RQD 100.00 % Core								
		209.00 - 212.00 : 83.00 % RQD 100.00 % Core								
		212.00 - 215.00 : 52.00 % RQD 100.00 % Core								
		215.00 - 218.00 : 77.00 % RQD 100.00 % Core								
		218.00 - 221.00 : 48.00 % RQD 100.00 % Core								
		221.00 - 224.00 : 100.00 % RQD 100.00 % Core								
		224.00 - 227.00 : 79.00 % RQD 100.00 % Core								
		MINOR INTERVALS:								
		Minor Interval:								
		200.73 - 200.97 4, Anorthosite / Anorthositic Gabbro								
		Sheared anorthosite with irregular upper and lower contacts.								

DETAILED LOG

Hole Number: ER2006-18

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
226.80	238.13	5, Undivided Metasediments Fine to medium grained, grey to dark grey, well foliated, heterogenous, weakly to moderately magnetic, unmineralized gneiss with 10% garnets and 20-45% biotite within a quartzofeldspathic matrix. The upper and lower contacts of this unit are sharp at 75 and 60 degrees to the ca, respectively. Structure 232.50 - 232.51 : S1 1st Foliation, 45 Deg to CA 234.50 - 235.60 : S Shear, 15 Deg to CA Broken core, Shear zone at 235.15m (at 15 degrees tca). 1cm wide sulphide veinlet (cpy, py, po) parallels the shear break (quartz-carbonate sealed) 237.50 - 237.51 : S1 1st Foliation, 80 Deg to CA RQD 227.00 - 230.00 : 55.00 % RQD 100.00 % Core 230.00 - 233.00 : 73.00 % RQD 100.00 % Core 233.00 - 236.00 : 54.00 % RQD 100.00 % Core 236.00 - 239.00 : 81.00 % RQD 100.00 % Core MINOR INTERVALS: Minor Interval: 226.8 - 229.98 10f. Mafic dykes Fine grained, dark green to black, massive to locally foliated, homogenous, weakly magnetic mafic dyke with 85% mafic minerals (chlorite, biotite, pyroxenes) and 15% plagioclase. The upper and lower contacts of this unit are sharp at 75 and 60 degrees tca, respectively Structure 229.44 - 229.49 : S Shear, 55 Deg to CA 5cm wide shear zone; foliation up and downhole of shear zone for ~10cm on either side.	PG04836	237.50	238.13	63			0.0250	0.25



DETAILED LOG

Hole Number: ER2006-18

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
238.13	245.27	7a, Gabbronorite Fine to medium grained, dark grey, massive, variably magnetic gabbronorite composed of 50% plagioclase and 50% pyroxenes. Serpentine veinlets occur throughout the unit (generally between 20-50 degrees tca). The unit contains a background sulphide content of 3-5% disseminated pyrrhotite-pyrite as microveinlets proximal to more massive horizons as well as disseminations and patches. The upper and lower contacts of this unit are sharp along massive sulphide veinlets at 60 and 70 degrees tca, respectively. RQD 239.00 - 242.00 : 78.00 % RQD 100.00 % Core 242.00 - 245.00 : 58.00 % RQD 100.00 % Core 245.00 - 248.00 : 68.00 % RQD 100.00 % Core	PG04837	238.13	238.43	.30			0.2800	4.50
			PG04838	238.43	240.18	1.75			0.1700	2.10
			PG04839	240.18	241.78	1.60			1.5000	15.10
			PG04840	241.78	243.00	1.22			0.2900	3.10
			PG04841	243.00	244.00	1.00			0.1200	1.40
			PG04842	244.00	245.00	1.00			0.1000	0.90
			PG04843	245.00	245.27	.27			0.0800	3.80



DETAILED LOG

Hole Number: ER2006-18

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
245.27	349.20	5, Undivided Metasediments Fine to medium grained, grey to dark grey, well foliated, heterogenous, weakly to moderately magnetic, unmineralized gneiss with 10% garnets and 20-45% biotite within a quartzofeldspathic matrix. Alteration 270.80 - 271.00 :ALT ALTERATION, V Vein, S Strong Broken core (biotite-rich) Structure 248.20 - 248.21 : S1 1st Foliation, 60 Deg to CA 257.65 - 257.66 : S1 1st Foliation, 15 Deg to CA 268.60 - 268.61 : S1 1st Foliation, 25 Deg to CA 284.65 - 284.66 : S1 1st Foliation, 50 Deg to CA 299.85 - 299.86 : S1 1st Foliation, 40 Deg to CA 319.50 - 319.51 : S1 1st Foliation, 35 Deg to CA 332.35 - 332.36 : S1 1st Foliation, 40 Deg to CA 336.50 - 336.51 : S1 1st Foliation, 45 Deg to CA 347.00 - 347.01 : S1 1st Foliation, 45 Deg to CA RQD 248.00 - 251.00 : 99.00 % RQD 100.00 % Core 251.00 - 254.00 : 97.00 % RQD 100.00 % Core 254.00 - 257.00 : 98.00 % RQD 100.00 % Core 257.00 - 260.00 : 90.00 % RQD 100.00 % Core 260.00 - 263.00 : 90.00 % RQD 100.00 % Core 263.00 - 266.00 : 79.00 % RQD 100.00 % Core 266.00 - 269.00 : 88.00 % RQD 100.00 % Core 269.00 - 272.00 : 77.00 % RQD 100.00 % Core 272.00 - 275.00 : 80.00 % RQD 100.00 % Core 275.00 - 278.00 : 98.00 % RQD 100.00 % Core 278.00 - 281.00 : 92.00 % RQD 100.00 % Core 281.00 - 284.00 : 84.00 % RQD 100.00 % Core 284.00 - 287.00 : 58.00 % RQD 100.00 % Core 287.00 - 290.00 : 92.00 % RQD 100.00 % Core 290.00 - 293.00 : 74.00 % RQD 100.00 % Core 293.00 - 296.00 : 37.00 % RQD 100.00 % Core 296.00 - 299.00 : 42.00 % RQD 100.00 % Core 299.00 - 302.00 : 70.00 % RQD 100.00 % Core 302.00 - 305.00 : 13.00 % RQD 100.00 % Core 305.00 - 308.00 : 57.00 % RQD 100.00 % Core 308.00 - 311.00 : 81.00 % RQD 100.00 % Core 311.00 - 314.00 : 80.00 % RQD 100.00 % Core 314.00 - 317.00 : 73.00 % RQD 100.00 % Core	PG04844	245.27	246.00	73			0.0250	0.25

DETAILED LOG

Hole Number: ER2006-18

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
		317.00 - 320.00 : 77.00 % RQD 100.00 % Core								
		320.00 - 323.00 : 60.00 % RQD 100.00 % Core								
		323.00 - 326.00 : 82.00 % RQD 100.00 % Core								
		326.00 - 329.00 : 56.00 % RQD 100.00 % Core								
		329.00 - 332.00 : 28.00 % RQD 100.00 % Core								
		332.00 - 335.00 : 57.00 % RQD 100.00 % Core								
		335.00 - 338.00 : 77.00 % RQD 100.00 % Core								
		338.00 - 341.00 : 91.00 % RQD 100.00 % Core								
		341.00 - 344.00 : 91.00 % RQD 100.00 % Core								
		344.00 - 347.00 : 67.00 % RQD 100.00 % Core								
		347.00 - 349.20 : 100.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-19

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
2.00	259.21	7a, Gabbronorite This thick unit consists of a dark gray, fine to medium-grained, homogenous, commonly non-magnetic, non-foliated, mainly plagioclase and pyroxene (in a 50/50 ratio) bearing gabbronorite. Locally, the unit is medium to coarse-grained, most likely due to fluid flow along structures. The unit is cut by a number of mafic dykes and coarse-grained pegmatitic units. See minor units for more detail. Faults and serpentinized shears are very common. This unit is pervasively mineralized; flecks of po and py are common throughout and reach up to ~5%. Where the mineralization is more pronounced it is noted. 50 - 64.5m : coarse-grained, locally with mm- to cm-scale bronzite clusters 126.6 - 127.29m: gneissic raft with sheared contacts 181.5 - 186m: this section is moderately to well foliated and exhibits high to very high magnetic susceptibility (>20) 193.2 - 177.1m: biotite-rich, weakly foliated 211 - 218m: moderately well foliated, higher magnetic susceptibility, no clear contacts to low-mag rock. Structure 6.40 - 6.65 : S Shear, 15 Deg to CA serpentinized, minor py 9.35 - 9.94 : S Shear, 20 Deg to CA chloritized 11.90 - 11.92 : S Shear, 80 Deg to CA py-bearing 12.23 - 12.35 : S Shear, 20 Deg to CA chloritized, serpentinized 20.70 - 21.40 : F Fault, 20 Deg to CA broken core, foliation in fragments 35.45 - 36.00 : S Shear, 2 Deg to CA serpentinized, subparallel to core 40.06 - 40.14 : S Shear, 30 Deg to CA serpentinized 46.00 - 46.90 : F Fault, 20 Deg to CA major fault, fault gouge, lost core 89.20 - 89.50 : F Fault, 60 Deg to CA fault gouge 90.70 - 90.85 : S Shear, 40 Deg to CA some broken core 125.60 - 125.80 : S Shear, 30 Deg to CA serpentinized 129.70 - 129.80 : S Shear, 30 Deg to CA serpentinized 147.00 - 147.65 : F Fault, 10 Deg to CA broken core, serpentinized								

DETAILED LOG

Hole Number: ER2006-19

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt	
		Structure 158.24 - 158.42 : S Shear, 70 Deg to CA serpentinized 170.80 - 171.53 : F Fault, 35 Deg to CA broken core 203.80 - 204.00 broken core, unknown attitude of structure 205.55 - 205.90 : F Fault, 60 Deg to CA broken core 232.00 - 233.00 : F Fault, 30 Deg to CA broken core, serpentized 234.75 - 235.00 : S Shear, 20 Deg to CA serpentinized 236.80 - 239.10 : F Fault, 30 Deg to CA broken core, serpentized 250.50 - 250.90 : S Shear, 30 Deg to CA serpentinized 255.60 - 255.75 : S Shear, 40 Deg to CA serpentinized RQD 3.00 - 6.00 : 83.00 % RQD 100.00 % Core 6.00 - 9.00 : 79.00 % RQD 100.00 % Core 9.00 - 12.00 : 87.00 % RQD 100.00 % Core 12.00 - 15.00 : 90.00 % RQD 100.00 % Core 15.00 - 18.00 : 92.00 % RQD 100.00 % Core 18.00 - 21.00 : 72.00 % RQD 100.00 % Core 21.00 - 24.00 : 63.00 % RQD 100.00 % Core 24.00 - 27.00 : 100.00 % RQD 100.00 % Core 27.00 - 30.00 : 100.00 % RQD 100.00 % Core 30.00 - 33.00 : 94.00 % RQD 100.00 % Core 33.00 - 36.00 : 96.00 % RQD 100.00 % Core 36.00 - 39.00 : 97.00 % RQD 100.00 % Core 39.00 - 42.00 : 86.00 % RQD 100.00 % Core 42.00 - 45.00 : 95.00 % RQD 100.00 % Core 45.00 - 48.00 : 93.00 % RQD 100.00 % Core Fault, broken and lost core 48.00 - 51.00 : 84.00 % RQD 100.00 % Core 51.00 - 54.00 : 96.00 % RQD 100.00 % Core 54.00 - 57.00 : 96.00 % RQD 100.00 % Core 57.00 - 60.00 : 86.00 % RQD 100.00 % Core 60.00 - 63.00 : 95.00 % RQD 100.00 % Core 63.00 - 66.00 : 77.00 % RQD 100.00 % Core 66.00 - 69.00 : 85.00 % RQD 100.00 % Core									



DETAILED LOG

Hole Number: ER2006-19

Units: METRIC

Detailed Lithology		Assay Data									
From	To	Lithology		Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD									
	69.00	-	72.00 : 83.00 % RQD 100.00 % Core								
	72.00	-	75.00 : 93.00 % RQD 100.00 % Core								
	75.00	-	78.00 : 72.00 % RQD 100.00 % Core								
	78.00	-	81.00 : 76.00 % RQD 100.00 % Core								
	81.00	-	84.00 : 84.00 % RQD 100.00 % Core								
	84.00	-	87.00 : 95.00 % RQD 100.00 % Core								
	87.00	-	90.00 : 87.00 % RQD 100.00 % Core								
	90.00	-	93.00 : 87.00 % RQD 100.00 % Core								
	93.00	-	96.00 : 79.00 % RQD 100.00 % Core								
	96.00	-	99.00 : 100.00 % RQD 100.00 % Core								
	99.00	-	102.00 : 100.00 % RQD 100.00 % Core								
	102.00	-	105.00 : 94.00 % RQD 100.00 % Core								
	105.00	-	108.00 : 87.00 % RQD 100.00 % Core								
	108.00	-	111.00 : 93.00 % RQD 100.00 % Core								
	111.00	-	114.00 : 93.00 % RQD 100.00 % Core								
	114.00	-	117.00 : 81.00 % RQD 100.00 % Core								
	117.00	-	120.00 : 83.00 % RQD 100.00 % Core								
	120.00	-	123.00 : 87.00 % RQD 100.00 % Core								
	123.00	-	126.00 : 80.00 % RQD 100.00 % Core								
	126.00	-	129.00 : 73.00 % RQD 100.00 % Core								
	129.00	-	132.00 : 96.00 % RQD 100.00 % Core								
	132.00	-	135.00 : 95.00 % RQD 100.00 % Core								
	135.00	-	138.00 : 89.00 % RQD 100.00 % Core								
	138.00	-	141.00 : 96.00 % RQD 100.00 % Core								
	141.00	-	144.00 : 97.00 % RQD 100.00 % Core								
	144.00	-	147.00 : 76.00 % RQD 100.00 % Core								
	147.00	-	150.00 : 55.00 % RQD 100.00 % Core								
	150.00	-	153.00 : 100.00 % RQD 100.00 % Core								
	153.00	-	156.00 : 96.00 % RQD 100.00 % Core								
	156.00	-	159.00 : 77.00 % RQD 100.00 % Core								
	159.00	-	162.00 : 100.00 % RQD 100.00 % Core								
	162.00	-	165.00 : 100.00 % RQD 100.00 % Core								
	165.00	-	168.00 : 96.00 % RQD 100.00 % Core								
	168.00	-	171.00 : 79.00 % RQD 100.00 % Core								
	171.00	-	174.00 : 55.00 % RQD 100.00 % Core								
	174.00	-	177.00 : 81.00 % RQD 100.00 % Core								
	177.00	-	180.00 : 90.00 % RQD 100.00 % Core								

Hole Number: ER2006-19

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 168.35 - 171.53 10f, Mafic dykes Black, fine-grained, non-magnetic, non-foliated, plagioclase and pyroxene-bearing dyke. The upper contact is sharp at 40 degrees tca, the lower contact is faulted. Minor Interval: 187.1 - 189.4 10f, Mafic dykes Black, fine-grained, non-magnetic, non-foliated, plagioclase and pyroxene-bearing dyke. The upper contact is sharp at 50 degrees tca, the lower contact appears digested over ~5cm. Minor Interval: 190.65 - 192.7 10f, Mafic dykes Black, fine-grained, non-magnetic, non-foliated, plagioclase and pyroxene-bearing dyke. The upper contact is sheared at 20 degrees tca, the lower contact is sheared at 40 degrees tca. Minor Interval: 202.1 - 205.4, Anorthosite / Anorthositic Gabbro Coarse-grained, quartz and plagioclase-bearing pegmatitic rock. The upper and lower contacts are sharp at 75 and 60 degrees tca, respectively.								
259.21	268.70	5, Undivided Metasediments This unit consists of a highly inhomogeneous, well-foliated, non-magnetic gneiss. The main minerals are biotite, garnet, plagioclase, pyroxene, and alteration minerals. The minerals occur in various amounts. This unit is not mineralized. Structure 260.30 - 260.60 : S Shear, 40 Deg to CA RQD 261.00 - 264.00 : 50.00 % RQD 100.00 % Core 264.00 - 267.00 : 88.00 % RQD 100.00 % Core 267.00 - 270.00 : 58.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-19

Units: METRIC

Detailed Lithology

From To		Lithology	Assay Data							
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
268.70	370.70	7a, Gabbonorite	PG04845	274.00	275.00	1.00			0.0600	0.60
		This thick unit consists of a dark gray, fine to medium-grained, homogenous, commonly non-magnetic, non-foliated, mainly plagioclase and pyroxene (in a 50/50 ratio) bearing gabbonorite. Locally, the unit is medium to coarse-grained, most likely due to fluid flow along structures.	PG04846	275.00	276.00	1.00			0.0800	0.60
			PG04847	276.00	277.00	1.00			0.2000	0.80
			PG04848	277.00	278.00	1.00			0.0250	0.25
			PG04849	278.00	278.30	.30			0.1300	1.00
		The unit is cut by a number of mafic dykes and coarse-grained pegmatitic units. See minor units for more detail.	PG04851	278.30	279.00	.70			0.2200	1.10
			PG04852	279.00	280.50	1.50			0.0250	0.25
		Faults and serpentized shears are very common.	PG04853	280.50	281.70	1.20			0.0250	0.25
			PG04854	281.70	282.75	1.05			0.1300	0.80
		This unit is pervasively mineralized; flecks of po and py are common throughout and reach up to ~5%. Where the mineralization is more pronounced it is noted.	PG04855	282.75	284.00	1.25			0.0250	0.25
			PG04856	288.00	289.00	1.00			0.0250	0.80
		Structure	PG04857	289.00	290.15	1.15			0.6500	5.60
		277.00 - 278.00 : F Fault, 40 Deg to CA	PG04858	290.15	290.73	.58			0.1400	1.30
		broken core	PG04859	290.73	292.00	1.27			0.0600	0.25
		298.05 - 300.60 : F Fault, 15 Deg to CA	PG04860	295.00	296.00	1.00			0.0250	0.25
		major fault, broken core, serpentized	PG04861	296.00	297.00	1.00			0.1200	1.30
		317.55 - 317.60 : S Shear, 30 Deg to CA	PG04862	297.00	298.00	1.00			0.0900	0.60
		serpentized	PG04863	330.15	331.30	1.15			0.0250	0.25
		319.70 - 320.05 : S Shear, 25 Deg to CA	PG04864	331.30	332.00	.70			0.3400	5.00
		serpentized	PG04865	332.00	333.15	1.15			0.0500	0.25
		334.55 - 334.70 : S Shear, 20 Deg to CA	PG04866	343.80	345.30	1.50			0.1200	1.80
		serpentized	PG04867	345.30	345.77	.47			3.0200	33.40
		336.20 - 336.33 : S Shear, 25 Deg to CA	PG04868	345.77	347.10	1.33			0.1600	1.50
		serpentized	PG04869	347.10	348.50	1.40			0.0250	0.25
		RQD	PG04870	348.50	349.68	1.18			0.0250	0.25
		270.00 - 273.00 : 48.00 % RQD 100.00 % Core	PG04871	349.68	350.55	.87			0.3800	5.60
		273.00 - 276.00 : 44.00 % RQD 100.00 % Core	PG04872	350.55	352.00	1.45			0.0800	0.70
		276.00 - 279.00 : 23.00 % RQD 100.00 % Core								
		279.00 - 282.00 : 88.00 % RQD 100.00 % Core								
		282.00 - 285.00 : 84.00 % RQD 100.00 % Core								
		285.00 - 288.00 : 80.00 % RQD 100.00 % Core								
		288.00 - 291.00 : 95.00 % RQD 100.00 % Core								
		291.00 - 294.00 : 79.00 % RQD 100.00 % Core								
		294.00 - 297.00 : 98.00 % RQD 100.00 % Core								
		297.00 - 300.00 : 35.00 % RQD 100.00 % Core								
		300.00 - 303.00 : 47.00 % RQD 100.00 % Core								
		303.00 - 306.00 : 94.00 % RQD 100.00 % Core								
		306.00 - 309.00 : 88.00 % RQD 100.00 % Core								
		309.00 - 312.00 : 77.00 % RQD 100.00 % Core								
		312.00 - 315.00 : 90.00 % RQD 100.00 % Core								
		315.00 - 318.00 : 35.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-19

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
		318.00 - 321.00 : 81.00 % RQD 100.00 % Core								
		321.00 - 324.00 : 86.00 % RQD 100.00 % Core								
		324.00 - 327.00 : 92.00 % RQD 100.00 % Core								
		327.00 - 330.00 : 94.00 % RQD 100.00 % Core								
		330.00 - 333.00 : 52.00 % RQD 100.00 % Core								
		333.00 - 336.00 : 64.00 % RQD 100.00 % Core								
		336.00 - 339.00 : 86.00 % RQD 100.00 % Core								
		339.00 - 342.00 : 56.00 % RQD 100.00 % Core								
		342.00 - 345.00 : 73.00 % RQD 100.00 % Core								
		345.00 - 348.00 : 82.00 % RQD 100.00 % Core								
		348.00 - 351.00 : 79.00 % RQD 100.00 % Core								
		351.00 - 354.00 : 70.00 % RQD 100.00 % Core								
		354.00 - 357.00 : 63.00 % RQD 100.00 % Core								
		357.00 - 360.00 : 87.00 % RQD 100.00 % Core								
		360.00 - 363.00 : 84.00 % RQD 100.00 % Core								
		363.00 - 366.00 : 97.00 % RQD 100.00 % Core								
		366.00 - 369.00 : 67.00 % RQD 100.00 % Core								
		369.00 - 372.00 : 82.00 % RQD 100.00 % Core								
		MINOR INTERVALS:								
		Minor Interval:								
		330.5 - 333.2 10f, Mafic dykes								
		Black, fine-grained, non-magnetic, non-foliated, plagioclase and pyroxene-bearing dyke.								
		The upper and lower contacts are sharp at 30 and 40 degrees tca, respectively.								



DETAILED LOG

Hole Number: ER2006-19

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
370.70	451.90	5, Undivided Metasediments This unit consists of a very variable, well-foliated, quartz, plagioclase, garnet, pyroxene and alteration minerals-bearing gneiss. The rock is darker gray closer to the hanging wall contact and becomes more felsic with depth. Magnetic susceptibility varies strongly, locally magnetite is present. Minor amounts of (recrystallized) remobilized sulfides can be found. See "Mineralization" for details. The lower contact of this unit is not known since the hole was shut down. Structure 412.70 - 413.00 attitude unknown, broken core RQD 372.00 - 375.00 : 87.00 % RQD 100.00 % Core 375.00 - 378.00 : 73.00 % RQD 100.00 % Core 378.00 - 381.00 : 62.00 % RQD 100.00 % Core 381.00 - 384.00 : 38.00 % RQD 100.00 % Core 384.00 - 387.00 : 31.00 % RQD 100.00 % Core 387.00 - 390.00 : 71.00 % RQD 100.00 % Core 390.00 - 393.00 : 83.00 % RQD 100.00 % Core 393.00 - 396.00 : 61.00 % RQD 100.00 % Core 396.00 - 399.00 : 51.00 % RQD 100.00 % Core 399.00 - 402.00 : 56.00 % RQD 100.00 % Core 402.00 - 405.00 : 64.00 % RQD 100.00 % Core 405.00 - 408.00 : 87.00 % RQD 100.00 % Core 408.00 - 411.00 : 77.00 % RQD 100.00 % Core 411.00 - 414.00 : 52.00 % RQD 100.00 % Core 414.00 - 417.00 : 55.00 % RQD 100.00 % Core 417.00 - 420.00 : 48.00 % RQD 100.00 % Core 420.00 - 423.00 : 48.00 % RQD 100.00 % Core 423.00 - 426.00 : 61.00 % RQD 100.00 % Core 426.00 - 429.00 : 60.00 % RQD 100.00 % Core 429.00 - 432.00 : 94.00 % RQD 100.00 % Core 432.00 - 435.00 : 84.00 % RQD 100.00 % Core 435.00 - 438.00 : 95.00 % RQD 100.00 % Core 438.00 - 441.00 : 93.00 % RQD 100.00 % Core 441.00 - 444.00 : 93.00 % RQD 100.00 % Core 444.00 - 447.00 : 81.00 % RQD 100.00 % Core 447.00 - 450.00 : 77.00 % RQD 100.00 % Core	PG04873	377.50	379.05	1.55			0.0800	0.90
			PG04874	379.05	379.45	.40			0.5300	9.70
			PG04876	379.45	381.00	1.55			0.0250	0.80
			PG04877	401.00	402.45	1.45			0.0250	0.50
			PG04878	402.45	403.90	1.45			0.2700	5.80
			PG04879	403.90	405.00	1.10			0.0250	0.25

Dec 18, 2006

noranda

DETAILED LOG

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Hole Number: ER2006-19

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD 450.00 - 451.90 : 77.00 % RQD 100.00 % Core								

Dec 18, 2006



DETAILED LOG

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Hole Number: ER2006-20

Units: METRIC

Project Name:	Ertelien	Primary Coordinates	Grid: UTM84-32N	Destination Coordinates	Grid: UTM84-32N	Collar Dip:	-79.00
Project Number:	201	North:	6659693.00	North:	6659693.00	Collar Az:	53.00
Location:	Surface	East:	558013.00	East:	558013.00	Length:	106.60
		Elev:	162.00	Elev:	162.00	Start Depth:	0.00
Date Started:	Oct 23, 2006	Collar Survey:	N	Plugged:	N	Contractor:	
Date Completed:	Oct 26, 2006	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
Logged By:	larsw	Pulse EM Survey:	N	Casing:	Left in Hole, capped	Final Depth:	106.60

Comments:

Sample Averages

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	6.00	C, Casing RQD 2.90 - 6.00 : 100.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-20

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
6.00	106.60	7, Undivided Mafic Intrusive This unit consists of a fine- to medium-grained dark gray, plagioclase and pyroxene-bearing, non-foliated, trace mineralized, non-magnetic gabbro-norite. The rock is coarser-grained near faults and shears where fluids seem to have triggered recrystallization. The rock is very biotite-rich within ~60cm of pegmatitic minor unit. The unit is extensively cut by faults and shears. Fine-grained mafic intrusive at 94.34 - 95.40m; the upper contact is sharp at 70 degrees tca, the lower contact is brecciated The lower contact is this unit is not known as the hole was lost in a fault zone. Structure 10.50 - 11.05 broken core, no attitude 12.00 - 12.40 : F Fault, 40 Deg to CA broken core 18.22 - 18.40 : S Shear, 20 Deg to CA serpentinized 21.50 - 21.80 : F Fault, 20 Deg to CA broken core 22.65 - 22.80 : F Fault, 20 Deg to CA broken core 41.77 - 41.90 : F Fault, 30 Deg to CA broken core, serpentinized 74.60 - 74.66 : S Shear, 40 Deg to CA serpentinized 79.65 - 80.20 : S Shear, 40 Deg to CA serpentinized, somewhat broken 80.40 - 80.60 : F Fault, 20 Deg to CA fault gouge 80.93 - 81.00 : S Shear, 30 Deg to CA serpentinized 84.00 - 86.50 : F Fault, 30 Deg to CA broken core, serpentinized 97.20 - 99.10 : F Fault, 25 Deg to CA broken core, serpentinized 99.90 - 100.20 : F Fault, 30 Deg to CA broken core 103.00 - 103.30 : F Fault, 25 Deg to CA broken core, serpentinized 105.15 - 106.60 : F Fault, 30 Deg to CA very broken core, hole lost in this fault RQD 6.00 - 9.00 : 87.00 % RQD 100.00 % Core 9.00 - 12.00 : 63.00 % RQD 100.00 % Core 12.00 - 15.00 : 77.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-20

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
15.00	- 18.00	: 95.00 % RQD 100.00 % Core								
18.00	- 21.00	: 96.00 % RQD 100.00 % Core								
21.00	- 24.00	: 57.00 % RQD 100.00 % Core								
24.00	- 27.00	: 73.00 % RQD 100.00 % Core								
27.00	- 30.00	: 95.00 % RQD 100.00 % Core								
30.00	- 33.00	: 100.00 % RQD 100.00 % Core								
33.00	- 36.00	: 100.00 % RQD 100.00 % Core								
36.00	- 39.00	: 100.00 % RQD 100.00 % Core								
39.00	- 42.00	: 68.00 % RQD 100.00 % Core								
42.00	- 45.00	: 85.00 % RQD 100.00 % Core								
45.00	- 48.00	: 82.00 % RQD 100.00 % Core								
48.00	- 51.00	: 59.00 % RQD 100.00 % Core								
51.00	- 54.00	: 40.00 % RQD 100.00 % Core								
54.00	- 57.00	: 91.00 % RQD 100.00 % Core								
57.00	- 60.00	: 78.00 % RQD 100.00 % Core								
60.00	- 63.00	: 82.00 % RQD 100.00 % Core								
63.00	- 66.00	: 100.00 % RQD 100.00 % Core								
66.00	- 69.00	: 88.00 % RQD 100.00 % Core								
69.00	- 72.00	: 100.00 % RQD 100.00 % Core								
72.00	- 75.00	: 93.00 % RQD 100.00 % Core								
75.00	- 78.00	: 88.00 % RQD 100.00 % Core								
78.00	- 81.00	: 75.00 % RQD 100.00 % Core								
81.00	- 84.00	: 72.00 % RQD 100.00 % Core								
84.00	- 87.00	: 18.00 % RQD 100.00 % Core								
		Fault								
87.00	- 90.00	: 100.00 % RQD 100.00 % Core								
90.00	- 93.00	: 90.00 % RQD 100.00 % Core								
93.00	- 96.00	: 73.00 % RQD 100.00 % Core								
96.00	- 99.00	: 26.00 % RQD 100.00 % Core								
		Fault								
99.00	- 102.00	: 49.00 % RQD 100.00 % Core								
102.00	- 105.00	: 15.00 % RQD 100.00 % Core								
		Fault								
105.00	- 106.60	: 0.00 % RQD 100.00 % Core								
		Fault								

DETAILED LOG

Hole Number: ER2006-20

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 49.15 - 53.4 4, Anorthosite / Anorthositic Gabbro Very coarse-grained, plagioclase and quartz +- biotite-bearing pegmatitic anorthosite. The unit is not magnetic, non-foliated, and not mineralized. The upper and lower contacts are sharp at 50 degrees tca.								

DETAILED LOG

Hole Number: ER2006-21

Units: METRIC

Project Name: Ertellen	Primary Coordinates Grid: UTM84-32N	Destination Coordinates Grid: UTM84-32N	Collar Dip: -86.00
Project Number: 201	North: 6659711.40	North: 6659711.40	Collar Az: 53.00
Location: Surface	East: 558044.50	East: 558044.50	Length: 416.05
	Elev: 173.50	Elev: 173.50	Start Depth: 0.00
Date Started: Oct 27, 2006	Collar Survey: N	Plugged: N	Contractor:
Date Completed: Nov 07, 2006	Multishot Survey: N	Hole Size: NQ	Core Storage:
Logged By: larsw	Pulse EM Survey: N	Casing: Left in Hole, capped	Final Depth: 416.05

Comments:

Sample Averages

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
0	5.90	C, Casing RQD 2.30 - 6.00 : 31.00 % RQD 100.00 % Core Fault zone								

DETAILED LOG

Hole Number: ER2006-21

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
5.90	380.80	7, Undivided Mafic Intrusive This unit consists of a fine- to medium-grained dark gray, plagioclase and pyroxene-bearing, non-foliated, trace mineralized, commonly non-magnetic gabbro-norite. The rock is coarser-grained near faults and shears where fluids seem to have triggered recrystallization. The rock is very biotite-rich within ~50cm of pegmatitic minor units. The unit is extensively cut by faults and shears. Quartz-feldspar pegmatitic at 109.55 - 110.4m ~146 - 159m: higher magnetic susceptibility (~25 - 50) due to fine-grained magnetite; rock is weakly to moderately foliated 181.70 - 184.20m: Four dm-scale anorthosite xenoliths; wall rock is coarse-grained and weakly foliated ~287 - 300m and 310 - 320m: higher magnetic susceptibility (~25 - 50) due to fine-grained magnetite; rock is weakly to moderately foliated 5 - 10% sulfide mineralization at 337.2 - 338.4m (see "Mineralization" for more detail); large, up to 1.5cm pyroxene crystals associated with sulfides. Structure 5.90 - 17.75 : F Fault, 35 Deg to CA Fault zone, broken core, minor fault gouge, serpentized 21.27 - 21.31 : S Shear, 50 Deg to CA serpentized 22.04 - 22.11 : S Shear, 35 Deg to CA serpentized 36.49 - 36.54 : S Shear, 35 Deg to CA serpentized 43.80 - 44.10 : S Shear, 30 Deg to CA serpentized, minor brecciation 47.00 - 47.80 : F Fault, 35 Deg to CA broken core, serpentized, fault gouge 58.50 - 59.50 parallel to core axis, serpentized 95.60 - 96.00 : F Fault, 30 Deg to CA broken core, serpentized 96.50 - 96.60 : S Shear, 35 Deg to CA serpentized 99.03 - 99.13 : S Shear, 35 Deg to CA serpentized 102.80 - 103.15 : S Shear, 15 Deg to CA serpentized 104.17 - 104.25 : S Shear, 70 Deg to CA 105.35 - 107.45 : S Shear, 0 Deg to CA parallel to core axis, serpentized 119.54 - 119.79 : S Shear, 40 Deg to CA serpentized	PG04880	335.10	336.00	.90			0.0700	0.80
			PG04881	336.00	337.20	1.20			0.0700	0.90
			PG04882	337.20	337.65	.45			1.4200	15.30
			PG04883	337.65	338.00	.35			0.0800	0.80
			PG04884	338.00	338.38	.38			0.1200	1.00
			PG04885	338.38	339.50	1.12			0.0800	0.80

DETAILED LOG

Hole Number: ER2006-21

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		Structure 123.80 - 124.00 : S Shear, 40 Deg to CA serpentinized, minor broken core 134.00 - 134.30 : S Shear, 10 Deg to CA serpentinized 139.44 - 139.60 : S Shear, 25 Deg to CA serpentinized 140.00 - 141.30 : F Fault, 35 Deg to CA major fault, broken core, fault gouge, serpentinized 195.56 - 195.70 : S Shear, 40 Deg to CA serpentinized 222.02 - 222.15 : S Shear, 45 Deg to CA serpentinized, minor py 229.84 - 230.25 : F Fault, 50 Deg to CA broken core, attitude estimated 239.05 - 239.55 : F Fault, 40 Deg to CA fault gouge, serpentinized 242.70 - 242.80 : S Shear, 30 Deg to CA 243.64 - 244.00 broken core, magnetite, py, cpy bearing 250.59 - 251.00 : S Shear, 60 Deg to CA multiple serpentinized shears 260.80 - 260.90 : S Shear, 30 Deg to CA serpentinized 267.13 - 267.30 : S Shear, 50 Deg to CA serpentinized 271.74 - 271.80 : S Shear, 60 Deg to CA serpentinized 282.20 - 282.30 : S Shear, 30 Deg to CA serpentinized 284.50 - 284.61 : S Shear, 40 Deg to CA serpentinized 285.85 - 285.97 : S Shear, 40 Deg to CA serpentinized 297.06 - 297.15 : S Shear, 25 Deg to CA serpentinized 302.23 - 302.35 : S Shear, 20 Deg to CA serpentinized 313.03 - 313.20 : S Shear, 40 Deg to CA serpentinized 324.14 - 324.31 : S Shear, 30 Deg to CA serpentinized 329.05 - 329.75 : F Fault, 15 Deg to CA broken core, fault gouge, serpentinized 338.33 - 338.44 : S Shear, 20 Deg to CA serpentinized 350.95 - 353.00 : F Fault, 40 Deg to CA major fault, serpentinized, broken core								

DETAILED LOG

Hole Number: ER2006-21

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		Structure								
		356.10 - 356.50 : S Shear, 25 Deg to CA serpentinized								
		358.20 - 358.60 : F Fault, 10 Deg to CA fault gouge, broken core								
		360.90 - 361.05 : S Shear, 30 Deg to CA serpentinized								
		374.00 - 378.40 : F Fault, 40 Deg to CA major fault, very broken core, serpentinized								
		RQD								
		6.00 - 9.00 : 13.00 % RQD 100.00 % Core								
		Fault zone								
		9.00 - 12.00 : 33.00 % RQD 100.00 % Core								
		Fault zone								
		12.00 - 15.00 : 58.00 % RQD 100.00 % Core								
		Fault zone								
		15.00 - 18.00 : 16.00 % RQD 100.00 % Core								
		Fault zone								
		18.00 - 21.00 : 92.00 % RQD 100.00 % Core								
		21.00 - 24.00 : 92.00 % RQD 100.00 % Core								
		24.00 - 27.00 : 100.00 % RQD 100.00 % Core								
		27.00 - 30.00 : 93.00 % RQD 100.00 % Core								
		30.00 - 33.00 : 84.00 % RQD 100.00 % Core								
		33.00 - 36.00 : 87.00 % RQD 100.00 % Core								
		36.00 - 39.00 : 96.00 % RQD 100.00 % Core								
		39.00 - 42.00 : 98.00 % RQD 100.00 % Core								
		42.00 - 45.00 : 91.00 % RQD 100.00 % Core								
		45.00 - 48.00 : 42.00 % RQD 100.00 % Core								
		48.00 - 51.00 : 100.00 % RQD 100.00 % Core								
		51.00 - 54.00 : 74.00 % RQD 100.00 % Core								
		54.00 - 57.00 : 92.00 % RQD 100.00 % Core								
		57.00 - 60.00 : 82.00 % RQD 100.00 % Core								
		60.00 - 63.00 : 82.00 % RQD 100.00 % Core								
		63.00 - 66.00 : 85.00 % RQD 100.00 % Core								
		66.00 - 69.00 : 98.00 % RQD 100.00 % Core								
		69.00 - 72.00 : 98.00 % RQD 100.00 % Core								
		72.00 - 75.00 : 54.00 % RQD 100.00 % Core								
		75.00 - 78.00 : 88.00 % RQD 100.00 % Core								
		78.00 - 81.00 : 86.00 % RQD 100.00 % Core								
		81.00 - 84.00 : 84.00 % RQD 100.00 % Core								
		84.00 - 87.00 : 83.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-21

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
	87.00 - 90.00	91.00 % RQD 100.00 % Core								
	90.00 - 93.00	93.00 % RQD 100.00 % Core								
	93.00 - 96.00	93.00 % RQD 100.00 % Core								
	96.00 - 99.00	83.00 % RQD 100.00 % Core								
	99.00 - 102.00	91.00 % RQD 100.00 % Core								
	102.00 - 105.00	80.00 % RQD 100.00 % Core								
	105.00 - 108.00	54.00 % RQD 100.00 % Core								
	108.00 - 111.00	100.00 % RQD 100.00 % Core								
	111.00 - 114.00	95.00 % RQD 100.00 % Core								
	114.00 - 117.00	53.00 % RQD 100.00 % Core								
	117.00 - 120.00	81.00 % RQD 100.00 % Core								
	120.00 - 123.00	97.00 % RQD 100.00 % Core								
	123.00 - 126.00	56.00 % RQD 100.00 % Core								
	126.00 - 129.00	65.00 % RQD 100.00 % Core								
	129.00 - 132.00	95.00 % RQD 100.00 % Core								
	132.00 - 135.00	76.00 % RQD 100.00 % Core								
	135.00 - 138.00	97.00 % RQD 100.00 % Core								
	138.00 - 141.00	58.00 % RQD 100.00 % Core								
	141.00 - 144.00	64.00 % RQD 100.00 % Core								
	144.00 - 147.00	92.00 % RQD 100.00 % Core								
	147.00 - 150.00	94.00 % RQD 100.00 % Core								
	150.00 - 153.00	98.00 % RQD 100.00 % Core								
	153.00 - 156.00	88.00 % RQD 100.00 % Core								
	156.00 - 159.00	89.00 % RQD 100.00 % Core								
	159.00 - 162.00	84.00 % RQD 100.00 % Core								
	162.00 - 165.00	95.00 % RQD 100.00 % Core								
	165.00 - 168.00	98.00 % RQD 100.00 % Core								
	168.00 - 171.00	73.00 % RQD 100.00 % Core								
	171.00 - 174.00	87.00 % RQD 100.00 % Core								
	174.00 - 177.00	87.00 % RQD 100.00 % Core								
	177.00 - 180.00	83.00 % RQD 100.00 % Core								
	180.00 - 183.00	88.00 % RQD 100.00 % Core								
	183.00 - 186.00	90.00 % RQD 100.00 % Core								
	186.00 - 189.00	91.00 % RQD 100.00 % Core								
	189.00 - 192.00	86.00 % RQD 100.00 % Core								
	192.00 - 195.00	60.00 % RQD 100.00 % Core								
	195.00 - 198.00	94.00 % RQD 100.00 % Core								



DETAILED LOG

Hole Number: ER2006-21

Units: METRIC

Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
	198.00 - 201.00	100.00 % RQD 100.00 % Core								
	201.00 - 204.00	98.00 % RQD 100.00 % Core								
	204.00 - 207.00	98.00 % RQD 100.00 % Core								
	207.00 - 210.00	100.00 % RQD 100.00 % Core								
	210.00 - 213.00	84.00 % RQD 100.00 % Core								
	213.00 - 216.00	79.00 % RQD 100.00 % Core								
	216.00 - 219.00	100.00 % RQD 100.00 % Core								
	219.00 - 222.00	93.00 % RQD 100.00 % Core								
	222.00 - 225.00	86.00 % RQD 100.00 % Core								
	225.00 - 228.00	99.00 % RQD 100.00 % Core								
	228.00 - 231.00	71.00 % RQD 100.00 % Core								
	231.00 - 234.00	95.00 % RQD 100.00 % Core								
	234.00 - 237.00	95.00 % RQD 100.00 % Core								
	237.00 - 240.00	57.00 % RQD 100.00 % Core								
	240.00 - 243.00	89.00 % RQD 100.00 % Core								
	243.00 - 246.00	87.00 % RQD 100.00 % Core								
	246.00 - 249.00	100.00 % RQD 100.00 % Core								
	249.00 - 252.00	83.00 % RQD 100.00 % Core								
	252.00 - 255.00	84.00 % RQD 100.00 % Core								
	255.00 - 258.00	78.00 % RQD 100.00 % Core								
	258.00 - 261.00	82.00 % RQD 100.00 % Core								
	261.00 - 264.00	90.00 % RQD 100.00 % Core								
	264.00 - 267.00	91.00 % RQD 100.00 % Core								
	267.00 - 270.00	95.00 % RQD 100.00 % Core								
	270.00 - 273.00	100.00 % RQD 100.00 % Core								
	273.00 - 276.00	72.00 % RQD 100.00 % Core								
	276.00 - 279.00	72.00 % RQD 100.00 % Core								
	279.00 - 282.00	78.00 % RQD 100.00 % Core								
	282.00 - 285.00	93.00 % RQD 100.00 % Core								
	285.00 - 288.00	95.00 % RQD 100.00 % Core								
	288.00 - 291.00	90.00 % RQD 100.00 % Core								
	291.00 - 294.00	88.00 % RQD 100.00 % Core								
	294.00 - 297.00	88.00 % RQD 100.00 % Core								
	297.00 - 300.00	89.00 % RQD 100.00 % Core								
	300.00 - 303.00	94.00 % RQD 100.00 % Core								
	303.00 - 306.00	94.00 % RQD 100.00 % Core								
	306.00 - 309.00	100.00 % RQD 100.00 % Core								

DETAILED LOG

Hole Number: ER2006-21

Units: METRIC

Detailed Lithology

Assay Data

From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		RQD								
309.00	312.00	94.00 % RQD 100.00 % Core								
312.00	315.00	88.00 % RQD 100.00 % Core								
315.00	318.00	79.00 % RQD 100.00 % Core								
318.00	321.00	85.00 % RQD 100.00 % Core								
321.00	324.00	82.00 % RQD 100.00 % Core								
324.00	327.00	88.00 % RQD 100.00 % Core								
327.00	330.00	57.00 % RQD 100.00 % Core								
330.00	333.00	100.00 % RQD 100.00 % Core								
333.00	336.00	93.00 % RQD 100.00 % Core								
336.00	339.00	93.00 % RQD 100.00 % Core								
339.00	342.00	89.00 % RQD 100.00 % Core								
342.00	345.00	100.00 % RQD 100.00 % Core								
345.00	348.00	100.00 % RQD 100.00 % Core								
348.00	351.00	92.00 % RQD 100.00 % Core								
351.00	354.00	30.00 % RQD 100.00 % Core								
		Fault								
354.00	357.00	81.00 % RQD 100.00 % Core								
357.00	360.00	67.00 % RQD 100.00 % Core								
360.00	363.00	74.00 % RQD 100.00 % Core								
363.00	366.00	77.00 % RQD 100.00 % Core								
366.00	369.00	94.00 % RQD 100.00 % Core								
369.00	372.00	90.00 % RQD 100.00 % Core								
372.00	375.00	27.00 % RQD 100.00 % Core								
		Fault								
375.00	378.00	0.00 % RQD 100.00 % Core								
		Fault								
378.00	381.00	23.00 % RQD 100.00 % Core								
		Fault								
		MINOR INTERVALS:								
		Minor Interval:								
		72.65 - 78.7 4, Anorthosite / Anorthositic Gabbro								
		Very coarse-grained, pegmatitic, quartz and feldspar-bearing rock; abundant biotite, especially along contacts.								
		Gneissic raft at 74.80 - 75.95m.								
		The upper and lower contacts are sharp at 70 and 90 degrees tca, respectively.								
		The immediate wall rock to this unit is coarse-grained, recrystallized and biotite-rich								

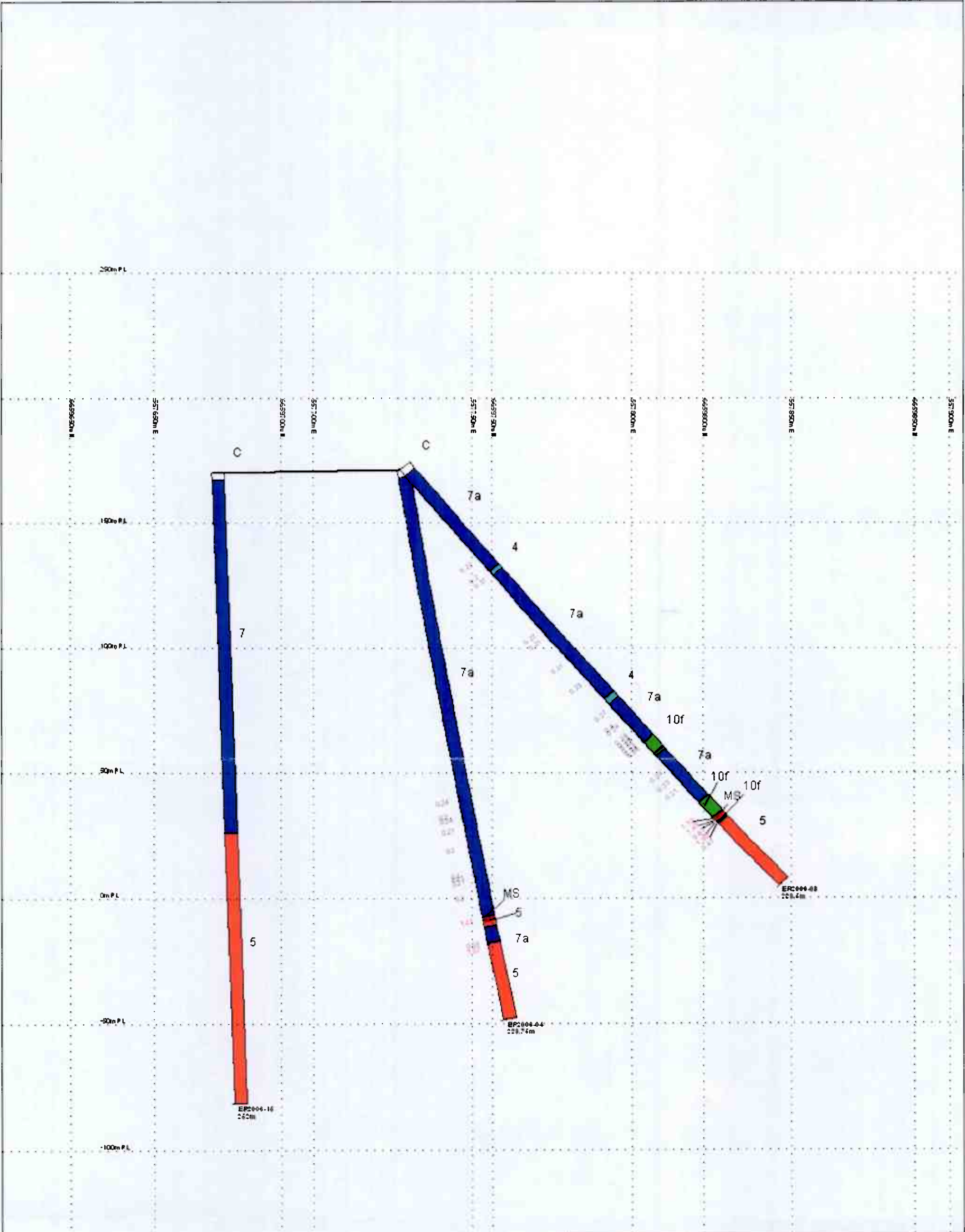
Hole Number: ER2006-21

Units: METRIC

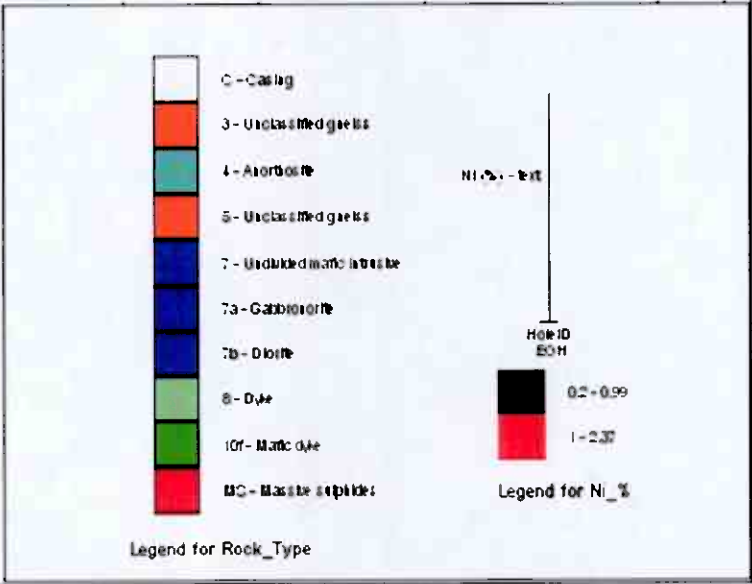
Detailed Lithology		Assay Data								
From	To	Lithology	Sample #	From	To	Length	Zn %	Pb %	Cu %	Ag gpt
		MINOR INTERVALS: Minor Interval: 160.6 - 162.63 10f, Mafic dykes Fine grained, dark black, non-magnetic, non-foliated mafic intrusive. Contains some coarse-grained plagioclase crystals. The upper contact is sharp at 45 degrees tca; the lower contact is sharp but irregular. The rock is plagioclase rich within ~5cm of the contact. Minor Interval: 167.03 - 167.93 10f, Mafic dykes Fine-grained, dark gray, non-mineralized, non-magnetic, non-foliated mafic intrusive. The upper contact is sharp at 80 degrees tca, the lower contact is sharp but irregular. Minor Interval: 189.77 - 191.87 4, Anorthosite / Anorthositic Gabbro Very coarse-grained, quartz and plagioclase-bearing, pegmatitic, non-foliated, non-magnetic, non-mineralized rock. The upper contact is sharp at 50 degrees tca, the lower contact is sharp but irregular. Minor Interval: 273.23 - 278.41 5, Undivided Metasediments Well-foliated (50 degrees tca), feldspar, pyroxene, mica-bearing, fine to medium-grained, locally garnet-bearing. The upper contact is sharp at 60 degrees tca; the lower contact is sheared at 50 degrees tca. This unit is not mineralized.								
380.80	416.05	5, Undivided Metasediments Inhomogeneous, well foliated, non-magnetic, non-mineralized, plagioclase, pyroxene, minor quartz, and garnet-bearing massive unit. The mineralogy varies on a dm-scale; foliation is commonly ~40degrees tca. The core is quite blocky. The lower contact of this unit is unknown since the hole was shut down RQD 381.00 - 384.00 : 87.00 % RQD 100.00 % Core 384.00 - 387.00 : 90.00 % RQD 100.00 % Core 387.00 - 390.00 : 44.00 % RQD 100.00 % Core 390.00 - 393.00 : 29.00 % RQD 100.00 % Core 393.00 - 396.00 : 33.00 % RQD 100.00 % Core 396.00 - 399.00 : 56.00 % RQD 100.00 % Core 399.00 - 402.00 : 66.00 % RQD 100.00 % Core 402.00 - 405.00 : 56.00 % RQD 100.00 % Core 405.00 - 408.00 : 47.00 % RQD 100.00 % Core 408.00 - 411.00 : 25.00 % RQD 100.00 % Core 411.00 - 414.00 : 61.00 % RQD 100.00 % Core 414.00 - 416.05 : 45.00 % RQD 100.00 % Core								

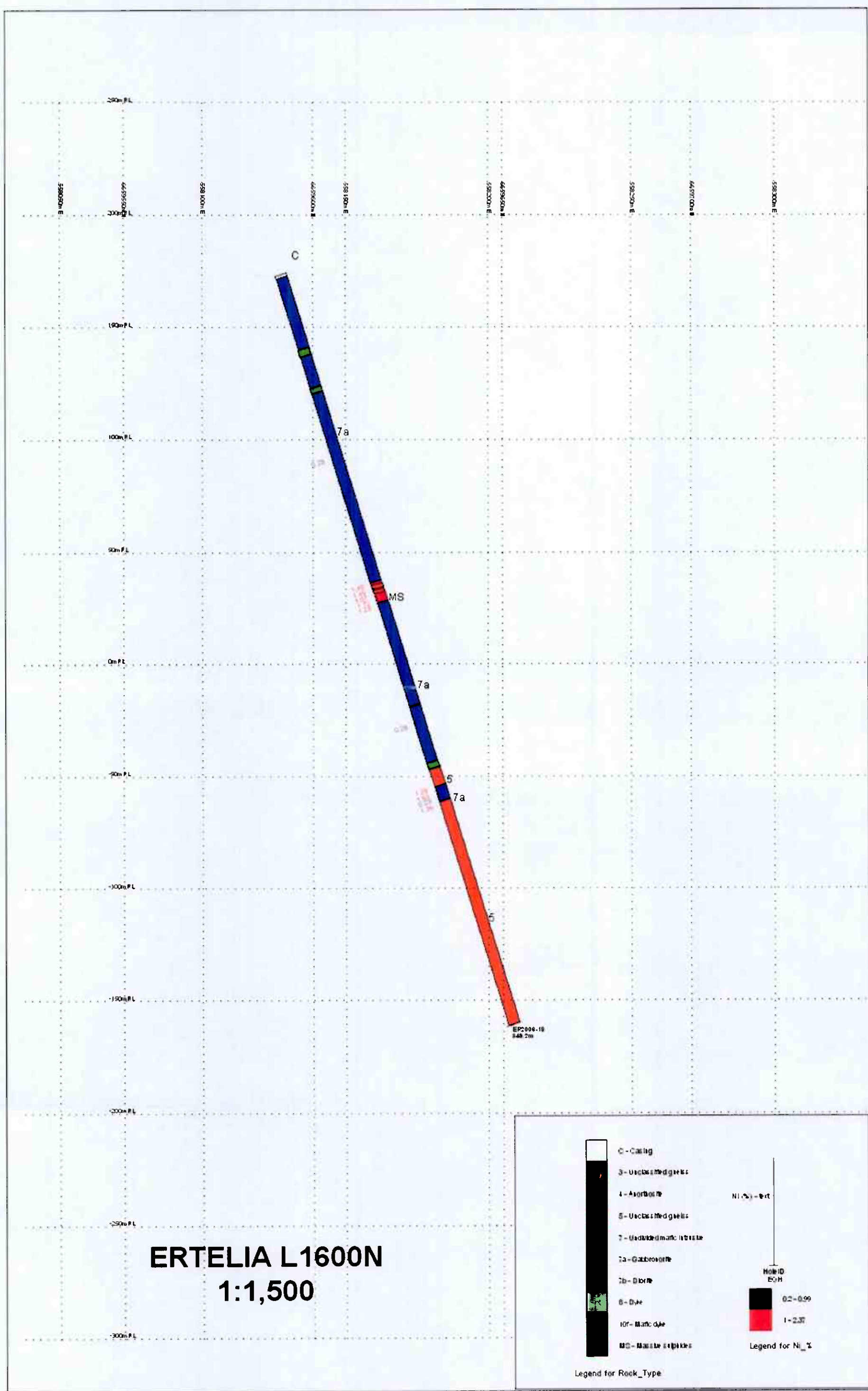
APPENDIX D

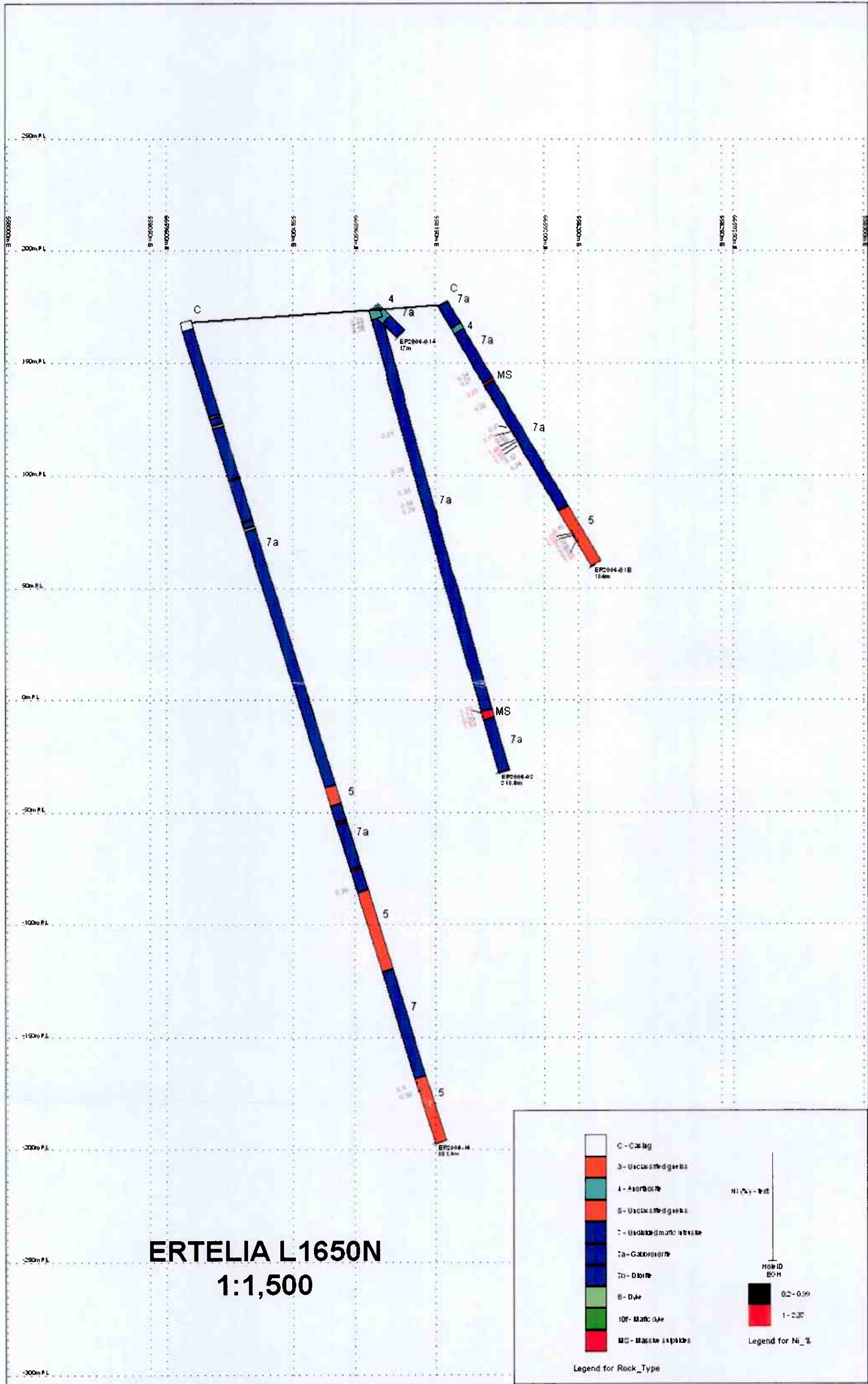
Drill Sections (Ertelia, Baksjø and Sigdal)

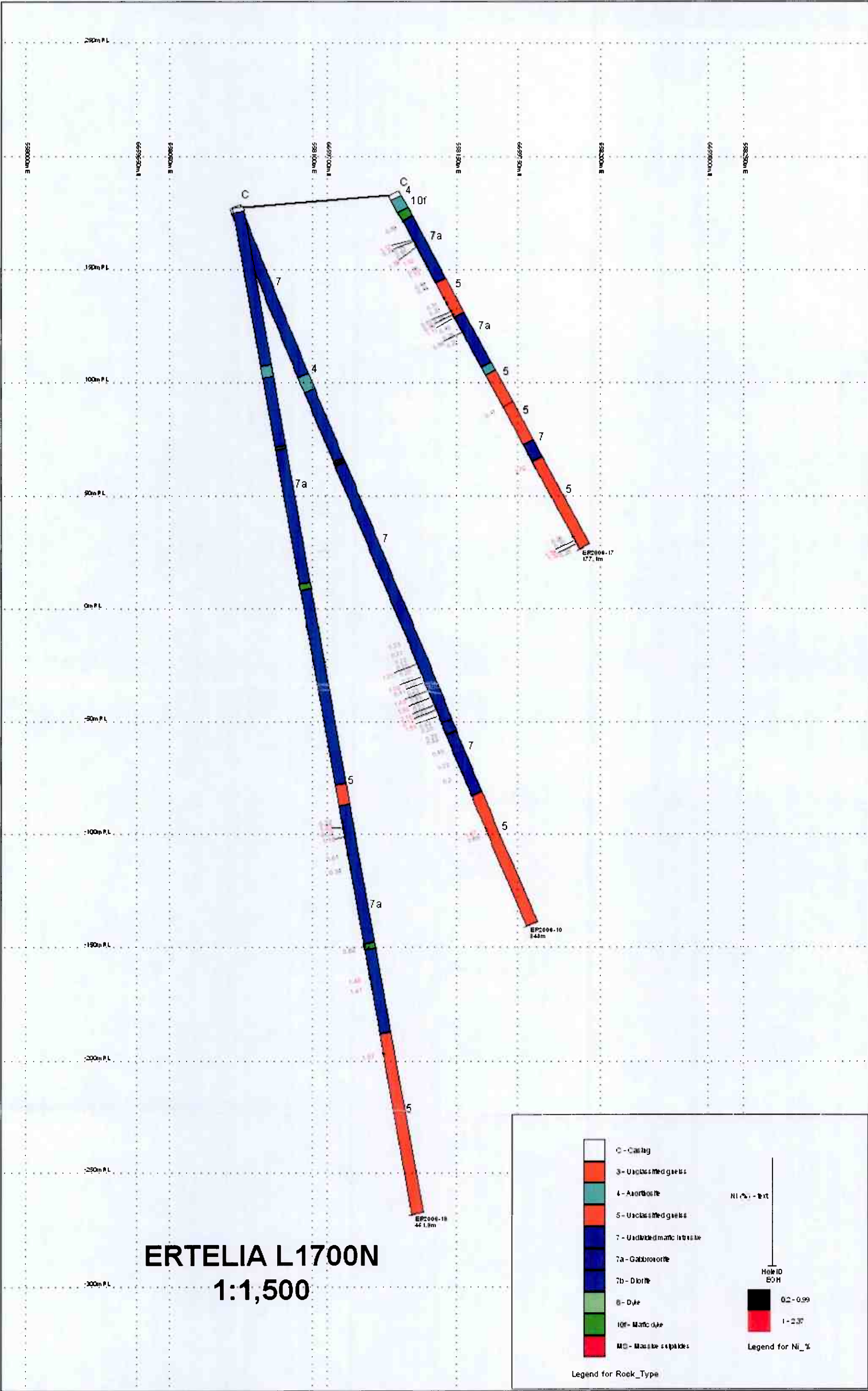


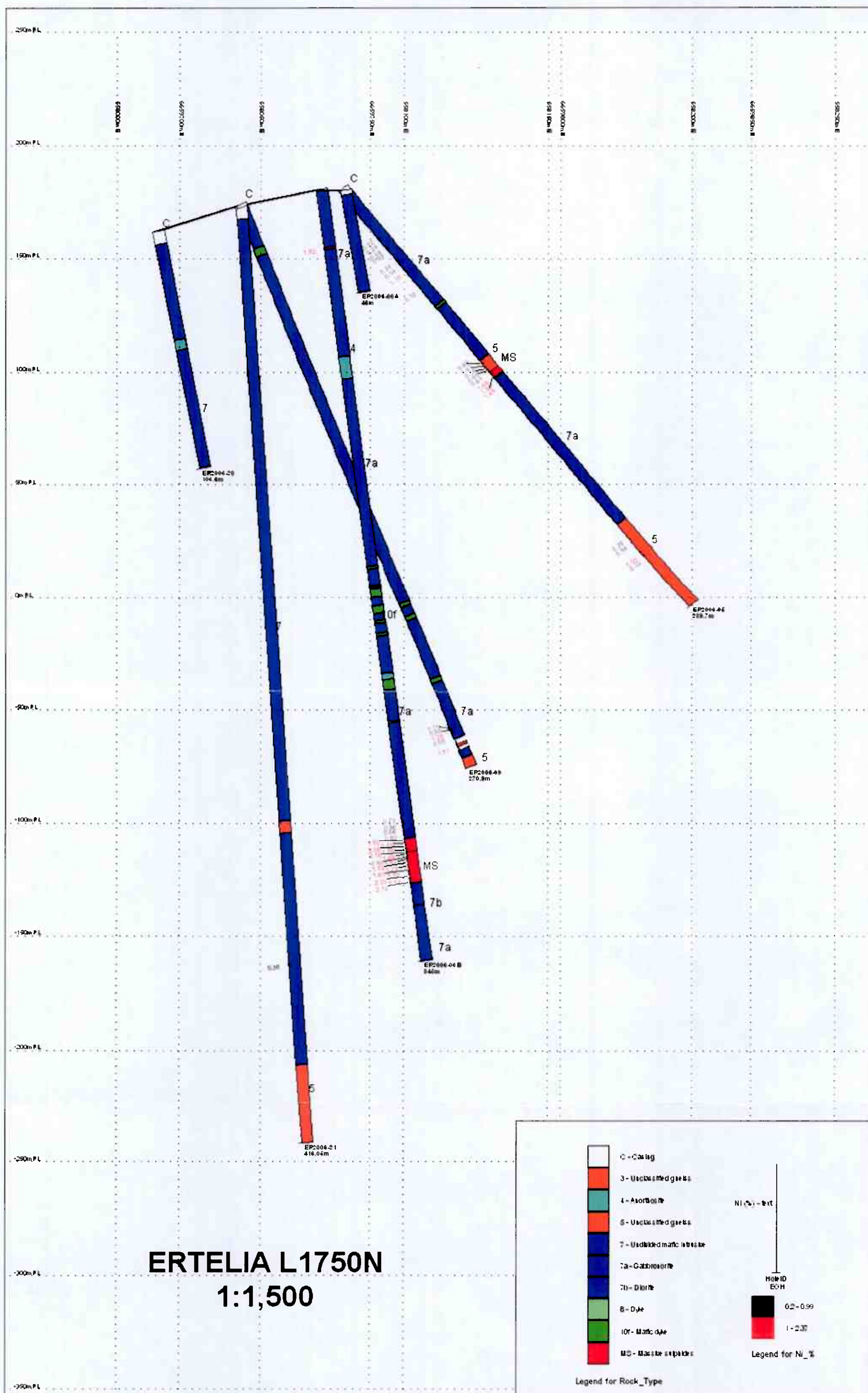
ERTelia L1550N
1:1,500

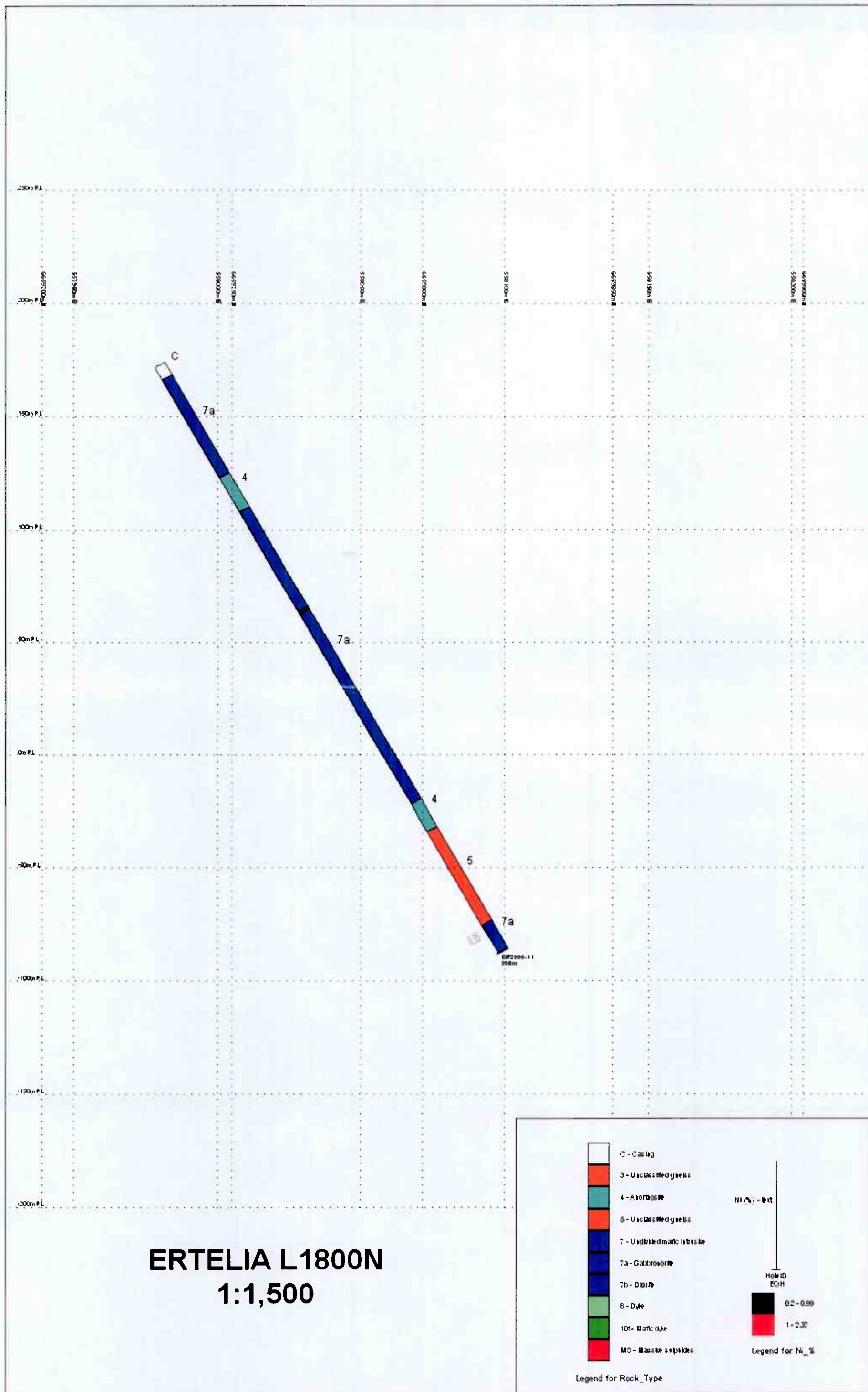


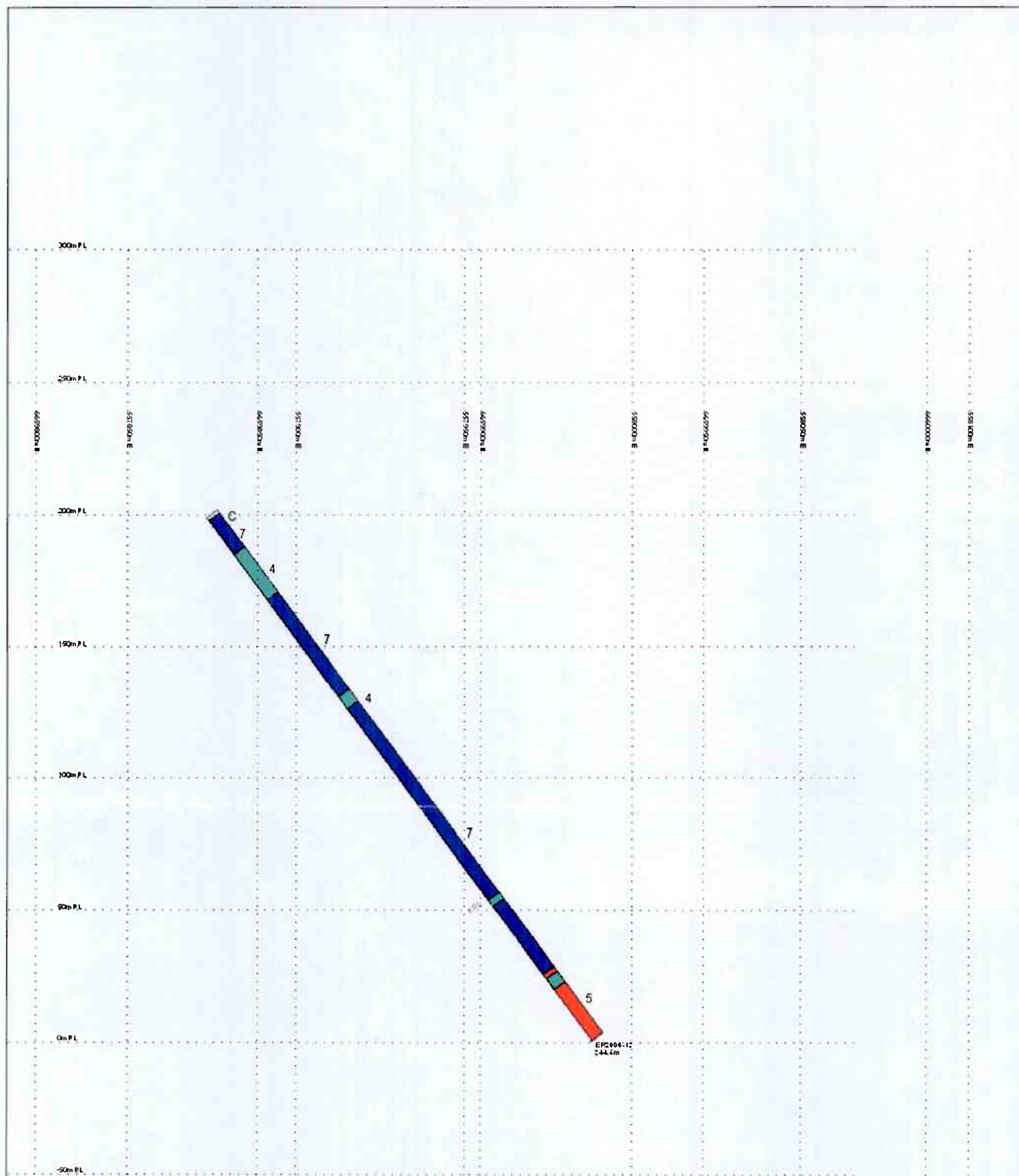












ERTELIA L1950N 1:1,500

- 0 - Cast leg
- 3 - Unclasified gneiss
- 4 - Amphibolite
- 5 - Unclasified gneiss
- 7 - Undifferentiated metabasite
- 7a - Gabbroic
- 7b - Diorite
- 8 - Dike
- 10f - Basic dike
- 11 - Basaltic dykes

Legend for Rock_Type

Ni (%) - text

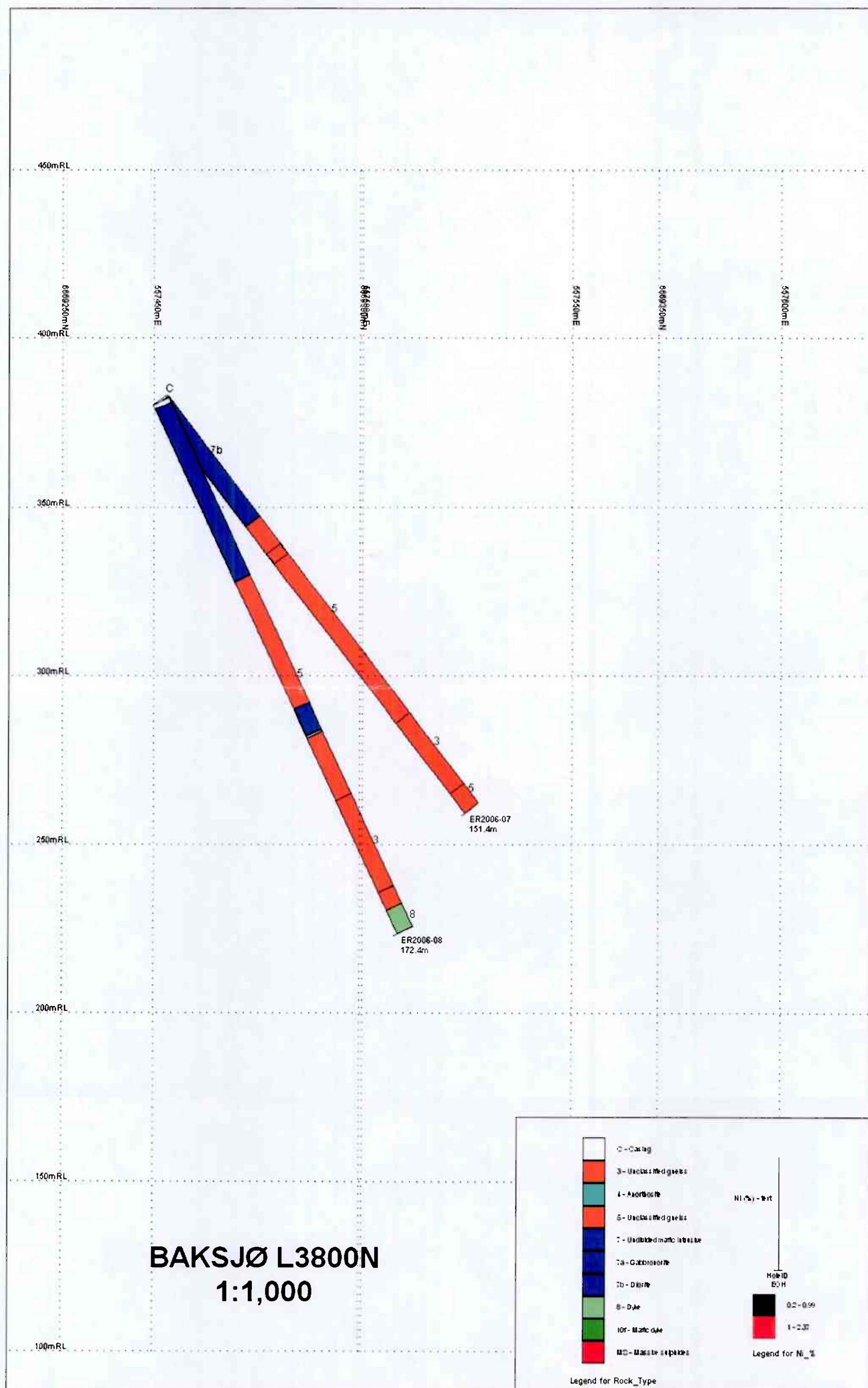
Hole ID

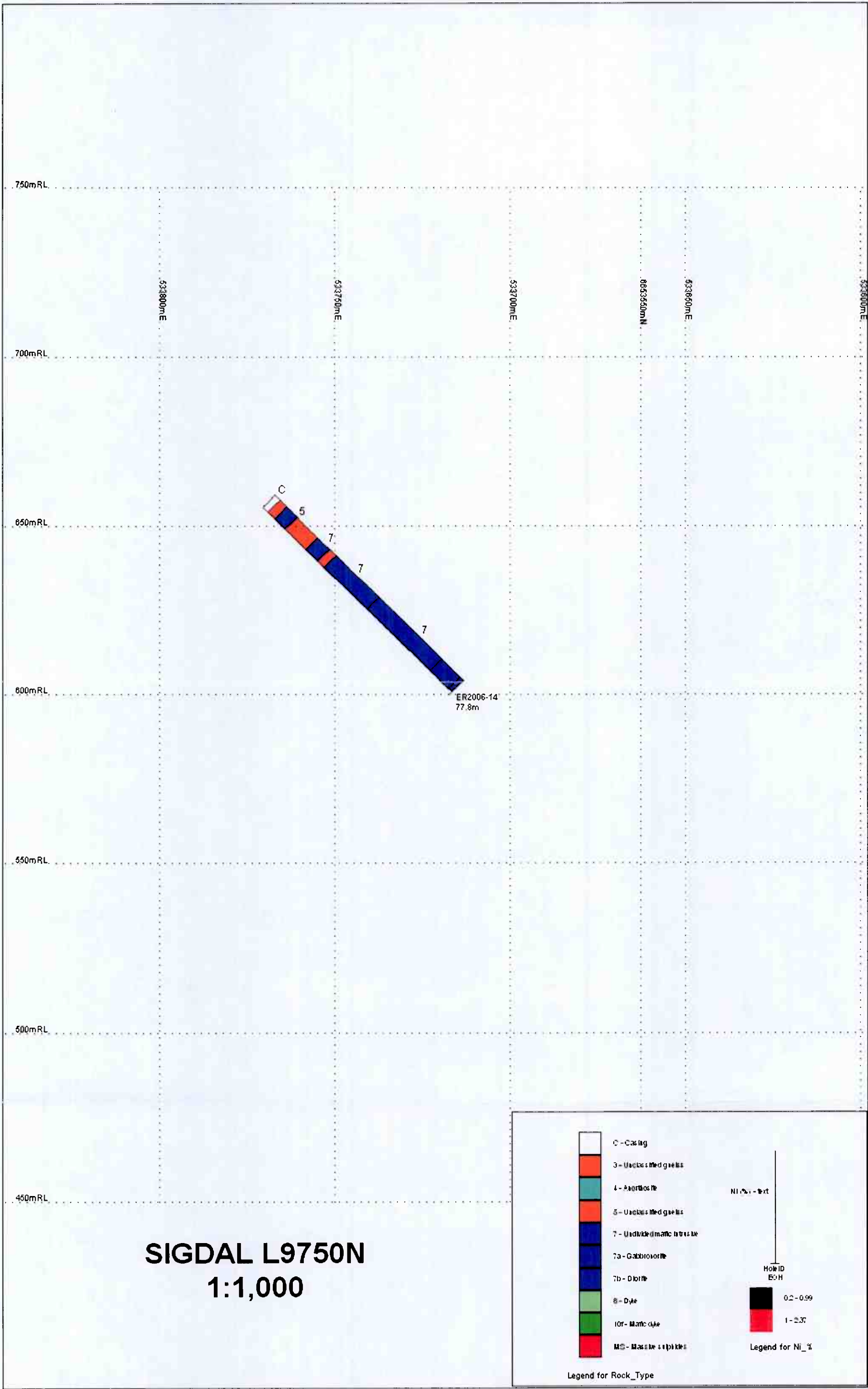
50 H

0.2 - 0.99

1 - 2.35

Legend for Ni_ %





APPENDIX E

Assay Certificates



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Falconbridge Limited
Attn : Patti Tirschmann

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

Wednesday, July 19, 2006

Date Rec. : 29 June 2006
LR Report : CA03198-JUN06
Client Ref : PG04204-04228, PG04330-
04243, PG04253-04277, PG
04287-04290

ER2006-01B

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG 04204	0.13	0.10	0.02	1.94	0.03	0.02	0.03	< 0.5
2: PG 04205	0.14	0.08	< 0.02	1.55	< 0.02	< 0.02	0.02	0.7
3: PG 04206	0.16	0.10	< 0.02	1.87	< 0.02	0.05	0.02	0.7
4: PG 04207	0.11	0.09	0.02	1.94	< 0.02	< 0.02	0.03	0.7
5: PG 04208	0.12	0.07	< 0.02	1.94	0.02	0.08	0.03	0.6
6: PG 04209	0.14	0.07	< 0.02	1.90	0.02	0.22	0.03	0.6
7: PG 04210	0.13	0.08	< 0.02	1.89	< 0.02	0.03	0.03	0.9
8: PG 04211	0.13	0.09	< 0.02	1.93	0.02	0.08	0.04	1.0
9: PG 04212	0.13	0.08	< 0.02	2.25	< 0.02	0.04	0.02	0.7
10: PG 04213	0.12	0.07	< 0.02	2.05	0.02	0.19	0.05	0.7
11: PG 04214	0.15	0.11	< 0.02	2.36	< 0.02	0.07	0.03	1.1
12: PG 04215	0.13	0.13	< 0.02	2.40	< 0.02	0.06	0.03	1.3
13: PG 04216	0.16	0.12	< 0.02	2.66	0.03	0.10	0.04	1.1
14: PG 04217	0.17	0.12	0.02	2.75	< 0.02	< 0.02	0.06	1.0
15: PG 04218	0.17	0.15	< 0.02	3.19	0.02	0.15	0.04	1.4
16: PG 04219	0.14	0.12	< 0.02	1.88	< 0.02	< 0.02	0.07	1.4
17: PG 04220	0.12	0.09	< 0.02	1.82	< 0.02	< 0.02	0.12	1.0
18: PG 04221	0.15	0.12	< 0.02	2.33	0.06	0.29	0.04	1.2
19: PG 04222	0.12	0.20	< 0.02	1.64	< 0.02	0.04	0.03	2.6
20: PG 04223	0.24	0.19	0.02	3.63	0.03	< 0.02	0.04	1.9
21: PG 04224	0.27	0.25	0.02	4.17	0.03	0.14	0.06	2.0
22: PG 04225	0.80	0.36	0.03	4.93	0.13	0.10	0.03	1.8
23: PG 04226	0.15	0.19	< 0.02	2.35	< 0.02	< 0.02	0.03	1.6
24: PG 04227	0.12	0.09	< 0.02	1.65	< 0.02	< 0.02	0.02	1.0
25: PG 04228	0.12	0.34	< 0.02	1.74	0.02	< 0.02	0.08	3.2



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03198-JUN06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
26: PG 04230	0.11	0.09	< 0.02	1.46	< 0.02	< 0.02	< 0.02	0.8
27: PG 04231	0.14	0.08	< 0.02	1.80	< 0.02	< 0.02	< 0.02	1.2
28: PG 04232	0.11	0.09	< 0.02	1.31	< 0.02	< 0.02	0.02	0.8
29: PG 04233	0.15	0.18	< 0.02	2.08	< 0.02	< 0.02	0.03	1.7
30: PG 04234	0.22	0.15	0.02	3.21	< 0.02	< 0.02	0.02	1.7
31: PG 04235	0.16	0.05	< 0.02	2.15	< 0.02	< 0.02	0.02	0.9
32: PG 04236	0.13	0.09	< 0.02	1.67	< 0.02	< 0.02	< 0.02	1.2
33: PG 04237	0.14	0.19	< 0.02	1.75	< 0.02	< 0.02	0.02	2.3
34: PG 04238	0.13	0.06	< 0.02	1.66	< 0.02	< 0.02	< 0.02	0.6
35: PG 04239	0.13	0.08	< 0.02	1.58	< 0.02	< 0.02	0.02	1.1
36: PG 04240	0.12	0.08	< 0.02	1.54	< 0.02	< 0.02	0.02	1.0
37: PG 04241	0.11	0.41	< 0.02	1.63	< 0.02	< 0.02	0.07	5.2
38: PG 04242	< 0.05	< 0.05	< 0.02	0.29	0.02	< 0.02	0.02	< 0.5
39: PG 04243	0.08	0.11	< 0.02	0.88	< 0.02	< 0.02	0.02	1.3
40: PG 04253	0.32	0.69	0.02	4.47	0.04	0.02	0.08	4.7
41: PG 04254	0.13	0.23	< 0.02	2.04	< 0.02	0.02	0.02	2.0
42: PG 04255	0.09	0.40	< 0.02	1.48	< 0.02	< 0.02	0.07	4.0
43: PG 04256	< 0.05	< 0.05	< 0.02	0.25	< 0.02	< 0.02	0.03	< 0.5
44: PG 04257	0.24	0.18	0.02	3.89	< 0.02	0.02	0.05	2.0
45: PG 04258	0.11	0.06	< 0.02	1.53	< 0.02	< 0.02	0.02	0.8
46: PG 04259	0.06	< 0.05	< 0.02	0.35	< 0.02	< 0.02	< 0.02	< 0.5
47: PG 04260	0.06	< 0.05	< 0.02	0.18	< 0.02	< 0.02	< 0.02	< 0.5
48: PG 04261	< 0.05	< 0.05	< 0.02	0.05	< 0.02	< 0.02	< 0.02	< 0.5
49: PG 04262	< 0.05	< 0.05	< 0.02	0.08	< 0.02	< 0.02	< 0.02	< 0.5
50: PG 04263	0.11	0.08	< 0.02	0.98	0.02	< 0.02	0.10	0.9
51: PG 04264	0.06	< 0.05	< 0.02	0.43	< 0.02	< 0.02	< 0.02	< 0.5
52: PG 04265	0.07	< 0.05	< 0.02	0.53	< 0.02	< 0.02	< 0.02	< 0.5
53: PG 04266	0.05	< 0.05	< 0.02	0.32	< 0.02	< 0.02	< 0.02	< 0.5
54: PG 04267	0.12	0.07	< 0.02	0.81	< 0.02	0.03	0.02	0.8
55: PG 04268	< 0.05	< 0.05	< 0.02	0.07	< 0.02	< 0.02	< 0.02	< 0.5
56: PG 04269	< 0.05	< 0.05	0.02	1.27	< 0.02	< 0.02	< 0.02	< 0.5
57: PG 04270	0.16	0.08	< 0.02	2.53	< 0.02	< 0.02	0.02	0.7
58: PG 04271	< 0.05	< 0.05	< 0.02	0.81	< 0.02	< 0.02	0.04	0.6
59: PG 04272	0.09	0.07	< 0.02	1.38	< 0.02	< 0.02	0.02	1.0
60: PG 04273	0.06	0.09	< 0.02	1.22	< 0.02	0.05	0.05	1.2
61: PG 04274	< 0.05	< 0.05	< 0.02	0.09	0.05	0.11	0.02	< 0.5
62: PG 04275	1.74	0.37	0.06	10.5	0.15	0.36	0.06	< 0.5
63: PG 04276	0.05	< 0.05	< 0.02	1.21	< 0.02	< 0.02	0.05	1.2
64: PG 04277	0.06	0.10	< 0.02	1.01	< 0.02	< 0.02	0.05	1.6
65: PG 04287	< 0.05	< 0.05	< 0.02	0.26	< 0.02	< 0.02	< 0.02	< 0.5
66: PG 04288	0.09	0.07	< 0.02	0.73	< 0.02	< 0.02	< 0.02	< 0.5
67: PG 04289	0.15	0.10	< 0.02	1.68	< 0.02	< 0.02	< 0.02	0.8

ER2006-01A

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Test method information available upon request.



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03198-JUN06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
68: PG 04290	0.14	0.09	< 0.02	2.50	< 0.02	< 0.02	0.02	0.8
69-DUP: PG 04223	0.24	0.18	0.02	3.54	0.02	< 0.02	0.04	1.9
70-DUP: PG 04253	0.32	0.72	0.02	4.49	0.09	0.02	0.09	5.0
71-DUP: PG 04273	0.07	0.08	< 0.02	1.22	0.03	0.05	0.05	1.2
72-STD: PTC-1A XR	10.00	13.5	0.29	---	---	---	---	---
73-STD: SU1a XRF	1.26	0.98	0.04	---	---	---	---	---
74-STD: Ni1 XRF	1.03	0.30	0.04	---	---	---	---	---
76-STD: nbm-1	---	---	---	0.29	---	---	---	---
77-STD: RTS-1	---	---	---	1.63	---	---	---	---
78-STD: RTS-2	---	---	---	18.6	---	---	---	---
79-STD: CZN-3	---	---	---	31.7	---	---	---	45.8
80-STD: WMS_1	---	---	---	---	1.95	1.26	0.34	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: patti.tirschmann@toronto.norfalc.com



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Falconbridge Limited
Attn : Patti Tirschmann

Friday, July 28, 2006

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

Date Rec. : 29 June 2006
LR Report : CA03197-JUN06
Client Ref : PG04229, PG04244-04252,
PG04278-04286

ER2006-01B

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG 04229	2.25	0.62	0.13	31.8	0.02	0.10	0.04	3.4
2: PG 04244	0.31	0.13	0.02	4.00	0.02	0.02	0.03	1.7
3: PG 04245	0.10	0.13	< 0.02	1.32	< 0.02	< 0.02	0.03	1.6
4: PG 04246	1.71	0.23	0.12	24.9	< 0.02	0.15	0.06	4.2
5: PG 04247	0.51	0.62	0.05	8.69	0.02	0.05	0.09	6.8
6: PG 04248	0.39	0.90	0.03	5.68	< 0.02	0.06	0.15	8.9
7: PG 04249	1.48	1.23	0.09	21.1	0.03	0.09	0.10	9.1
8: PG 04250	1.78	0.38	0.06	10.0	0.08	0.16	0.02	0.5
9: PG 04251	1.53	0.34	0.09	21.4	< 0.02	0.05	0.06	3.2
10: PG 04252	1.10	0.43	0.07	15.0	0.02	0.07	0.08	3.2
11: PG 04278	0.70	0.73	0.09	12.4	0.24	0.03	0.17	9.4
12: PG 04279	0.08	0.08	< 0.02	1.18	< 0.02	< 0.02	0.03	1.2
13: PG 04280	1.07	2.38	0.06	17.3	0.08	0.04	0.35	16.9
14: PG 04281	0.17	0.11	< 0.02	2.40	< 0.02	< 0.02	0.04	1.5
15: PG 04282	1.36	1.83	0.10	21.1	< 0.02	0.11	0.16	15.1
16: PG 04283	0.32	0.33	0.03	4.98	< 0.02	< 0.02	0.07	4.2
17: PG 04284	0.98	0.50	0.06	13.6	0.07	0.04	0.07	6.0
18: PG 04285	0.32	0.46	< 0.02	4.65	< 0.02	< 0.02	0.07	4.0
19: PG 04286	1.53	0.70	0.12	24.0	0.03	0.08	0.10	7.7
20-STD: PTC-1A XRF	10.1	13.6	0.30	—	—	—	—	—
24-STD: nbm-1	—	—	—	0.29	—	—	—	—
25-STD: RTS-1	—	—	—	1.64	—	—	—	—
27-STD: CZN-3	—	—	—	30.7	—	—	—	43.5
28-STD: WMS_1	—	—	—	—	1.87	1.24	0.25	—



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Falconbridge Limited
Attn : Patti Tirschmann

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
, M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

Thursday, November 30, 2006

Date Rec. : 21 June 2006
LR Report : CA03124-JUN06
Client Ref : PO# 301

ER2006-02

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG 04051	0.15	0.13	< 0.02	2.10	< 0.02	< 0.02	0.02	0.5
2: PG 04052	0.14	0.14	< 0.02	1.99	< 0.02	< 0.02	0.02	0.7
3: PG 04053	0.11	0.09	< 0.02	1.39	< 0.02	< 0.02	0.02	< 0.5
4: PG 04054	< 0.05	< 0.05	< 0.02	0.86	< 0.02	< 0.02	< 0.02	< 0.5
5: PG 04055	0.13	0.09	< 0.02	1.96	< 0.02	< 0.02	< 0.02	< 0.5
6: PG 04056	0.05	< 0.05	< 0.02	0.45	0.02	< 0.02	< 0.02	< 0.5
7: PG 04057	0.11	0.09	< 0.02	1.56	< 0.02	< 0.02	< 0.02	< 0.5
8: PG 04058	0.10	0.06	< 0.02	1.62	< 0.02	< 0.02	0.02	< 0.5
9: PG 04059	0.13	0.10	< 0.02	2.07	< 0.02	< 0.02	< 0.02	0.6
10: PG 04060	0.16	0.11	< 0.02	2.44	< 0.02	< 0.02	< 0.02	0.6
11: PG 04061	0.21	0.14	< 0.02	4.25	< 0.02	< 0.02	0.03	1.2
12: PG 04062	0.10	0.07	< 0.02	1.27	< 0.02	< 0.02	< 0.02	< 0.5
13: PG 04063	0.12	0.08	< 0.02	2.09	0.02	< 0.02	0.02	0.6
14: PG 04064	0.15	0.08	< 0.02	2.57	< 0.02	< 0.02	< 0.02	0.6
15: PG 04065	0.11	0.09	< 0.02	1.77	< 0.02	< 0.02	0.02	0.6
16: PG 04066	0.14	0.11	< 0.02	2.28	< 0.02	< 0.02	< 0.02	0.8
17: PG 04067	0.11	0.09	< 0.02	1.59	< 0.02	< 0.02	0.02	0.6
18: PG 04068	0.26	0.19	< 0.02	4.33	< 0.02	< 0.02	0.03	1.8
19: PG 04069	0.11	0.15	< 0.02	1.64	< 0.02	< 0.02	0.02	1.1
20: PG 04070	0.17	0.28	< 0.02	2.85	< 0.02	< 0.02	0.03	2.3
21: PG 04071	0.12	0.14	< 0.02	2.07	< 0.02	< 0.02	0.02	1.2
22: PG 04072	0.08	< 0.05	< 0.02	0.87	< 0.02	< 0.02	< 0.02	0.5
23: PG 04073	0.08	0.11	< 0.02	1.91	< 0.02	< 0.02	< 0.02	0.8
24: PG 04074	0.13	0.08	< 0.02	2.71	< 0.02	< 0.02	0.02	0.8
25: PG 04075	0.79	0.37	0.03	5.05	0.14	0.09	0.02	1.7
26: PG 04076	0.16	0.30	< 0.02	2.41	0.02	< 0.02	0.09	2.2
27: PG 04077	0.16	0.08	< 0.02	2.40	< 0.02	< 0.02	0.02	0.6



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03124-JUN06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
28: PG 04078	0.17	0.19	< 0.02	2.69	< 0.02	< 0.02	0.02	1.4
29: PG 04079	0.35	0.13	0.02	5.11	< 0.02	0.02	0.02	1.1
30: PG 04080	0.16	0.10	< 0.02	2.23	< 0.02	< 0.02	0.02	1.0
31: PG 04081	0.10	0.08	< 0.02	1.27	< 0.02	< 0.02	0.02	0.9
32: PG 04082	0.16	0.18	< 0.02	2.12	< 0.02	< 0.02	0.03	1.6
33: PG 04083	0.11	0.06	< 0.02	1.03	< 0.02	< 0.02	< 0.02	0.5
34: PG 04084	0.06	< 0.05	< 0.02	0.22	< 0.02	< 0.02	< 0.02	< 0.5
35: PG 04085	0.08	< 0.05	< 0.02	0.62	< 0.02	< 0.02	< 0.02	0.5
36: PG 04086	0.58	0.15	0.05	8.78	< 0.02	0.04	< 0.02	1.2
37: PG 04087	< 0.05	< 0.05	< 0.02	0.29	< 0.02	< 0.02	< 0.02	< 0.5
38: PG 04088	0.29	0.14	< 0.02	2.17	< 0.02	< 0.02	< 0.02	1.0
39: PG 04089	0.16	0.10	< 0.02	1.46	< 0.02	< 0.02	0.02	0.7
40: PG 04090	0.09	0.05	< 0.02	1.08	< 0.02	< 0.02	< 0.02	< 0.5
41: PG 04091	0.09	0.05	< 0.02	1.20	< 0.02	< 0.02	< 0.02	< 0.5
42: PG 04092	< 0.05	< 0.05	< 0.02	0.18	< 0.02	< 0.02	< 0.02	< 0.5
43: PG 04093	0.11	0.08	< 0.02	1.45	< 0.02	0.03	< 0.02	< 0.5
44: PG 04094	< 0.05	< 0.05	< 0.02	0.46	< 0.02	0.02	< 0.02	< 0.5
45: PG 04095	0.05	< 0.05	< 0.02	0.78	< 0.02	0.02	< 0.02	< 0.5
46: PG 04096	0.06	< 0.05	< 0.02	0.31	< 0.02	0.04	< 0.02	< 0.5
47: PG 04097	0.11	0.05	< 0.02	1.04	< 0.02	0.02	< 0.02	< 0.5
48: PG 04098	0.13	0.07	< 0.02	1.25	< 0.02	< 0.02	< 0.02	0.5
49: PG 04099	0.10	0.07	< 0.02	1.16	< 0.02	< 0.02	< 0.02	< 0.5
50: PG 04100	0.80	0.36	0.03	5.06	0.13	0.11	0.02	1.8
51: PG 04101	0.18	0.10	< 0.02	2.07	< 0.02	0.02	< 0.02	0.9
52: PG 04102	0.11	0.07	< 0.02	1.43	< 0.02	0.02	< 0.02	0.6
53: PG 04103	0.09	0.07	< 0.02	1.23	< 0.02	< 0.02	< 0.02	0.6
54: PG 04104	0.11	0.07	< 0.02	1.51	< 0.02	< 0.02	< 0.02	0.7
55: PG 04105	0.08	< 0.05	< 0.02	0.82	< 0.02	0.03	< 0.02	< 0.5
56: PG 04106	0.11	0.06	< 0.02	1.31	< 0.02	0.02	< 0.02	0.5
57: PG 04107	< 0.05	< 0.05	< 0.02	0.19	< 0.02	0.02	< 0.02	0.6
58: PG 04108	< 0.05	< 0.05	< 0.02	0.16	0.02	0.10	< 0.02	< 0.5
59: PG 04109	0.10	0.05	< 0.02	1.22	< 0.02	< 0.02	< 0.02	< 0.5
60: PG 04110	0.10	0.06	< 0.02	1.05	< 0.02	0.02	< 0.02	0.6
61: PG 04111	0.10	< 0.05	< 0.02	0.89	< 0.02	< 0.02	< 0.02	0.6
62: PG 04112	0.10	0.06	< 0.02	1.22	< 0.02	0.03	< 0.02	0.5
63: PG 04113	0.06	< 0.05	< 0.02	0.49	< 0.02	< 0.02	< 0.02	< 0.5
64: PG 04114	0.07	< 0.05	< 0.02	0.44	< 0.02	< 0.02	< 0.02	< 0.5
65: PG 04115	0.10	0.05	< 0.02	0.82	< 0.02	< 0.02	< 0.02	0.7
66: PG 04116	0.09	< 0.05	< 0.02	0.57	< 0.02	< 0.02	< 0.02	< 0.5
67: PG 04117	0.11	< 0.05	< 0.02	1.01	< 0.02	< 0.02	< 0.02	< 0.5
68: PG 04118	0.07	< 0.05	< 0.02	0.51	< 0.02	< 0.02	< 0.02	< 0.5
69: PG 04119	0.07	< 0.05	< 0.02	0.57	< 0.02	< 0.02	< 0.02	< 0.5



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03124-JUN06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
70: PG 04120	0.10	0.06	< 0.02	1.14	< 0.02	< 0.02	< 0.02	< 0.5
71: PG 04121	0.13	0.08	< 0.02	2.36	< 0.02	< 0.02	< 0.02	0.7
72: PG 04122	0.11	0.07	< 0.02	1.22	< 0.02	< 0.02	< 0.02	0.5
73: PG 04123	0.14	0.08	< 0.02	1.70	< 0.02	< 0.02	< 0.02	0.6
74: PG 04124	0.11	0.06	< 0.02	1.44	< 0.02	< 0.02	< 0.02	0.6
75: PG 04125	0.80	0.35	0.03	4.99	0.12	0.10	0.03	1.7
76: PG 04126	0.13	0.09	< 0.02	2.06	< 0.02	< 0.02	< 0.02	0.8
77: PG 04127	0.16	0.11	< 0.02	2.68	< 0.02	< 0.02	< 0.02	0.8
78: PG 04128	0.09	0.07	< 0.02	0.85	< 0.02	< 0.02	< 0.02	< 0.5
79: PG 04129	0.09	< 0.05	< 0.02	0.70	< 0.02	< 0.02	< 0.02	< 0.5
80: PG 04130	< 0.05	< 0.05	< 0.02	0.35	< 0.02	< 0.02	< 0.02	< 0.5
81: PG 04131	0.08	< 0.05	< 0.02	1.26	< 0.02	< 0.02	< 0.02	< 0.5
82: PG 04132	0.14	0.10	< 0.02	2.57	< 0.02	< 0.02	0.02	1.1
83: PG 04133	0.07	< 0.05	< 0.02	0.87	< 0.02	< 0.02	< 0.02	< 0.5
84: PG 04134	0.08	< 0.05	< 0.02	0.91	< 0.02	< 0.02	< 0.02	< 0.5
85: PG 04135	0.11	< 0.05	< 0.02	1.02	< 0.02	< 0.02	0.02	< 0.5
86: PG 04136	< 0.05	< 0.05	< 0.02	0.13	< 0.02	< 0.02	< 0.02	< 0.5
87: PG 04137	< 0.05	< 0.05	< 0.02	0.02	< 0.02	< 0.02	< 0.02	< 0.5
88: PG 04138	0.13	< 0.05	< 0.02	1.43	< 0.02	< 0.02	0.02	0.5
89: PG 04139	0.11	< 0.05	< 0.02	0.76	< 0.02	< 0.02	< 0.02	0.5
90: PG 04140	< 0.05	< 0.05	< 0.02	0.03	< 0.02	< 0.02	< 0.02	< 0.5
91: PG 04141	0.05	< 0.05	< 0.02	0.09	< 0.02	< 0.02	< 0.02	< 0.5
92: PG 04142	< 0.05	< 0.05	< 0.02	0.18	< 0.02	< 0.02	< 0.02	< 0.5
93: PG 04143	< 0.05	< 0.05	< 0.02	0.18	< 0.02	< 0.02	< 0.02	< 0.5
94: PG 04144	0.09	< 0.05	< 0.02	0.46	< 0.02	< 0.02	< 0.02	0.6
95: PG 04145	0.13	0.08	< 0.02	1.30	< 0.02	< 0.02	0.03	0.9
96: PG 04146	0.13	0.07	< 0.02	1.25	< 0.02	< 0.02	0.02	0.8
97: PG 04147	0.10	< 0.05	< 0.02	0.99	< 0.02	< 0.02	0.02	< 0.5
98: PG 04148	0.09	< 0.05	< 0.02	1.65	< 0.02	< 0.02	< 0.02	< 0.5
99: PG 04149	0.08	< 0.05	< 0.02	0.74	< 0.02	< 0.02	0.02	0.7
100: PG 04150	0.81	0.36	0.03	4.93	0.12	0.09	0.03	1.7
101: PG 04151	0.11	0.08	< 0.02	1.97	< 0.02	< 0.02	0.02	1.0
102: PG 04152	0.11	0.05	< 0.02	1.24	< 0.02	< 0.02	0.02	0.6
103: PG 04153	0.10	< 0.05	< 0.02	1.10	< 0.02	< 0.02	0.02	0.6
104: PG 04154	0.19	0.13	< 0.02	3.47	< 0.02	0.02	0.07	1.8
105: PG 04155	0.12	0.10	< 0.02	1.55	< 0.02	< 0.02	0.14	1.2
106: PG 04162	0.10	0.10	< 0.02	0.80	< 0.02	< 0.02	0.03	1.4
107: PG 04163	0.10	0.06	< 0.02	1.06	< 0.02	< 0.02	0.02	1.2
108: PG 04164	0.09	0.06	< 0.02	1.33	< 0.02	< 0.02	0.02	1.1
109: PG 04165	0.09	0.16	< 0.02	1.55	< 0.02	< 0.02	0.15	2.7
110: PG 04166	0.10	0.10	< 0.02	1.63	< 0.02	< 0.02	0.10	1.9
111: PG 04167	0.07	< 0.05	< 0.02	1.15	< 0.02	< 0.02	0.02	0.7



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03124-JUN06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
112: PG 04168	0.11	0.07	< 0.02	1.69	< 0.02	< 0.02	0.03	1.3
113: PG 04169	0.11	0.08	< 0.02	1.96	< 0.02	< 0.02	0.02	1.0
114: PG 04170	0.09	< 0.05	< 0.02	0.62	0.02	< 0.02	0.02	0.7
115: PG 04171	0.10	0.05	< 0.02	1.96	< 0.02	< 0.02	< 0.02	0.7
116: PG 04172	0.12	0.07	< 0.02	1.35	< 0.02	< 0.02	0.02	0.8
117: PG 04173	0.10	< 0.05	< 0.02	1.14	< 0.02	< 0.02	0.02	0.6
118: PG 04174	0.09	0.06	< 0.02	1.10	< 0.02	< 0.02	< 0.02	0.6
119: PG 04175	0.80	0.36	0.03	4.86	0.15	0.09	0.03	1.7
120: PG 04176	0.10	0.06	< 0.02	1.52	< 0.02	< 0.02	< 0.02	0.5
121: PG 04177	0.10	0.06	< 0.02	1.39	< 0.02	< 0.02	< 0.02	0.7
122: PG 04178	0.09	0.07	< 0.02	1.49	< 0.02	< 0.02	0.02	0.8
123: PG 04179	0.12	0.05	< 0.02	1.60	< 0.02	< 0.02	0.02	0.8
124: PG 04180	0.22	0.17	< 0.02	1.67	< 0.02	< 0.02	0.03	0.8
125: PG 04181	0.23	0.11	< 0.02	2.09	< 0.02	< 0.02	0.02	0.6
126: PG 04182	0.26	0.32	< 0.02	3.10	< 0.02	< 0.02	0.05	1.7
127: PG 04183	0.19	0.15	< 0.02	2.18	< 0.02	< 0.02	0.02	0.9
128: PG 04184	0.18	0.10	< 0.02	2.15	< 0.02	< 0.02	0.03	0.7
129: PG 04185	0.14	0.09	< 0.02	2.21	< 0.02	< 0.02	0.02	0.5
130: PG 04186	0.14	0.09	< 0.02	1.84	< 0.02	< 0.02	< 0.02	< 0.5
131: PG 04187	0.14	0.07	< 0.02	1.75	< 0.02	< 0.02	0.02	0.5
132: PG 04188	0.15	0.11	< 0.02	1.92	< 0.02	< 0.02	0.02	0.8
133: PG 04189	0.13	0.08	< 0.02	1.54	< 0.02	< 0.02	< 0.02	< 0.5
134: PG 04190	0.12	0.06	< 0.02	1.49	< 0.02	< 0.02	< 0.02	< 0.5
135: PG 04191	0.09	0.08	< 0.02	1.09	< 0.02	< 0.02	< 0.02	0.5
136: PG 04192	< 0.05	< 0.05	< 0.02	0.57	< 0.02	< 0.02	< 0.02	< 0.5
137: PG 04193	< 0.05	< 0.05	< 0.02	0.48	< 0.02	< 0.02	< 0.02	< 0.5
138: PG 04194	0.12	0.06	< 0.02	1.88	< 0.02	< 0.02	< 0.02	< 0.5
139: PG 04195	0.15	0.11	< 0.02	2.56	< 0.02	< 0.02	< 0.02	0.8
140: PG 04196	0.11	0.08	< 0.02	1.81	< 0.02	< 0.02	< 0.02	1.0
141: PG 04197	0.10	0.07	< 0.02	1.50	< 0.02	< 0.02	0.02	0.9
142: PG 04198	0.12	0.06	< 0.02	2.71	< 0.02	< 0.02	0.03	0.9
143: PG 04199	0.05	0.07	< 0.02	0.84	< 0.02	< 0.02	< 0.02	0.8
144: PG 04200	0.80	0.36	0.03	4.98	0.14	0.08	0.07	1.9
145: PG 04201	0.06	< 0.05	< 0.02	0.59	< 0.02	< 0.02	0.05	< 0.5
146: PG 04202	0.05	< 0.05	< 0.02	0.60	< 0.02	< 0.02	0.05	< 0.5
147: PG 04203	0.06	< 0.05	< 0.02	0.66	0.02	0.07	< 0.02	< 0.5
148-STD: PTC-1A XRF	10.0	13.4	0.29	—	—	—	—	—
149-STD: SU1a XRF	1.25	0.95	0.04	—	—	—	—	—
150-STD: Ni1 XRF	1.01	0.29	0.03	—	—	—	—	—
151-STD: Ni2 XRF	1.97	0.72	0.05	—	—	—	—	—
152-STD: nbm-1	—	—	—	0.30	—	—	—	—
153-STD: RTS-1	—	—	—	1.63	—	—	—	—



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03124-JUN06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
154-STD: RTS-2	---	---	---	18.6	---	---	---	---
155-STD: CZN-3	---	---	---	31.4	---	---	---	42.3
156-STD: WMS_1	---	---	---	---	1.83	1.24	0.23	---
157-DUP: PG 04070	0.17	0.27	< 0.02	2.83	< 0.02	< 0.02	0.03	2.3
158-DUP: PG 04090	0.10	0.06	< 0.02	1.05	< 0.02	< 0.02	< 0.02	< 0.5
159-DUP: PG 04110	0.10	0.06	< 0.02	1.03	< 0.02	0.02	< 0.02	0.6
160-DUP: PG 04130	< 0.05	< 0.05	< 0.02	0.36	< 0.02	< 0.02	< 0.02	< 0.5
161-DUP: PG 04150	0.80	0.37	0.03	4.88	0.15	0.09	0.04	1.7
162-DUP: PG 04170	0.09	< 0.05	< 0.02	0.63	< 0.02	< 0.02	0.02	0.5
163-DUP: PG 04190	0.11	0.06	< 0.02	1.48	< 0.02	< 0.02	< 0.02	---
164-REP: PG 04101	0.19	0.10	< 0.02	2.02	< 0.02	< 0.02	0.02	0.9
165-REP: PG 04151	0.11	0.08	< 0.02	1.97	---	---	---	1.1


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: ptirschmann@xstrata.ca



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Falconbridge Limited
Attn : Patti Tirschmann

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

Friday, July 28, 2006

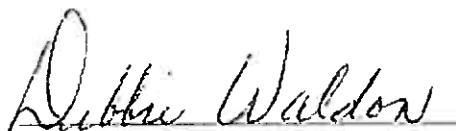
Date Rec. : 21 June 2006
LR Report : CA03127-JUN06
Client Ref : PO# 301

ER2006-02

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG 04156	1.71	1.11	0.10	30.9	< 0.02	0.07	0.11	8.2
2: PG 04157	1.70	0.23	0.09	28.6	< 0.02	0.09	0.06	2.1
3: PG 04158	0.29	0.16	0.02	5.10	< 0.02	< 0.02	0.04	1.7
4: PG 04159	1.59	0.23	0.07	28.0	0.03	0.10	0.08	2.8
5: PG 04160	0.16	0.09	< 0.02	1.77	< 0.02	< 0.02	0.03	1.1
6: PG 04161	0.12	3.23	< 0.02	5.63	0.02	< 0.02	0.30	38.9
7-STD: PTC-1A XRF	10.3	13.6	0.28	---	---	---	---	---
11-STD: nbm-1	---	---	---	0.27	---	---	---	---
12-STD: RTS-1	---	---	---	1.60	---	---	---	---
13-STD: RTS-2	---	---	---	19.5	---	---	---	---
14-STD: CZN-3	---	---	---	31.6	---	---	---	43.4
15-STD: WMS_1	---	---	---	---	1.82	1.25	0.22	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: patti.tirschmann@toronto.norfalc.com

Page 1 of 1

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Test method information available upon request.



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Falconbridge Limited
Attn : Patti Tirschmann

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

Thursday, July 20, 2006

Date Rec. : 07 July 2006
LR Report : CA03057-JUL06
Client Ref : PO#301

ER2006-03

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG04291	0.11	< 0.05	< 0.02	0.36	< 0.02	< 0.02	0.02	< 0.5
2: PG04292	0.14	0.10	< 0.02	1.03	< 0.02	< 0.02	< 0.02	0.6
3: PG04293	0.16	0.08	< 0.02	1.24	< 0.02	< 0.02	< 0.02	0.6
4: PG04294	0.22	0.12	0.02	2.37	< 0.02	0.02	0.02	0.9
5: PG04295	0.17	0.15	< 0.02	1.95	0.02	< 0.02	0.02	1.2
6: PG04296	0.09	< 0.05	< 0.02	0.96	< 0.02	< 0.02	< 0.02	< 0.5
7: PG04297	0.19	0.17	< 0.02	1.99	< 0.02	< 0.02	0.03	1.1
8: PG04298	0.16	0.10	< 0.02	1.62	< 0.02	< 0.02	0.02	0.9
9: PG04299	0.20	0.10	0.02	1.49	< 0.02	< 0.02	< 0.02	0.8
10: PG04300	1.79	0.38	0.06	10.3	0.06	0.16	< 0.02	< 0.5
11: PG04301	0.37	0.14	0.03	2.47	< 0.02	0.02	0.05	1.5
12: PG04302	0.19	0.09	< 0.02	1.19	< 0.02	< 0.02	< 0.02	0.8
13: PG04303	0.18	0.10	< 0.02	1.90	< 0.02	< 0.02	< 0.02	0.9
14: PG04304	0.13	0.07	< 0.02	1.34	< 0.02	< 0.02	< 0.02	0.7
15: PG04305	0.09	0.05	< 0.02	0.83	< 0.02	< 0.02	< 0.02	< 0.5
16: PG04306	0.12	0.08	< 0.02	1.57	< 0.02	< 0.02	0.02	0.8
17: PG04307	0.08	< 0.05	< 0.02	0.65	< 0.02	< 0.02	< 0.02	0.6
18: PG04308	0.13	0.07	< 0.02	1.35	< 0.02	< 0.02	< 0.02	0.6
19: PG04309	0.13	0.06	< 0.02	1.33	< 0.02	< 0.02	< 0.02	0.8
20: PG04310	0.10	0.08	< 0.02	1.34	< 0.02	< 0.02	< 0.02	0.8
21: PG04311	0.11	0.07	< 0.02	1.31	< 0.02	< 0.02	< 0.02	0.7
22: PG04312	0.15	0.11	< 0.02	1.81	< 0.02	< 0.02	0.02	1.1
23: PG04313	0.14	0.09	< 0.02	1.84	< 0.02	< 0.02	< 0.02	0.9
24: PG04314	0.13	0.08	< 0.02	1.50	< 0.02	0.04	< 0.02	0.9
25: PG04315	0.19	0.16	< 0.02	2.44	< 0.02	< 0.02	0.02	1.7
26: PG04316	0.11	0.06	0.02	2.37	< 0.02	< 0.02	0.04	1.2
27: PG04317	0.06	< 0.05	< 0.02	0.46	< 0.02	< 0.02	< 0.02	< 0.5



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03057-JUL06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
28: PG04318	0.10	0.06	< 0.02	1.56	< 0.02	< 0.02	0.11	0.7
29: PG04319	0.14	0.08	< 0.02	1.62	< 0.02	< 0.02	< 0.02	1.0
30: PG04320	0.27	0.08	0.02	3.99	< 0.02	0.02	< 0.02	0.9
31: PG04321	0.15	0.09	0.02	1.79	< 0.02	< 0.02	0.02	0.9
32: PG04322	0.21	0.15	0.02	2.79	< 0.02	< 0.02	0.03	1.5
33: PG04323	0.19	0.09	0.02	2.07	< 0.02	< 0.02	0.02	1.0
34: PG04324	0.17	0.08	< 0.02	1.96	< 0.02	< 0.02	0.02	0.9
35: PG04325	0.82	0.37	0.03	4.87	0.14	0.10	0.03	1.7
36: PG04326	0.17	0.08	< 0.02	1.87	< 0.02	0.02	0.02	1.0
37: PG04327	0.16	0.10	< 0.02	1.92	< 0.02	< 0.02	0.04	1.0
38: PG04328	0.17	0.12	< 0.02	2.25	< 0.02	0.02	0.02	1.4
39: PG04329	0.18	0.11	< 0.02	2.45	< 0.02	< 0.02	0.03	1.4
40: PG04330	0.19	0.16	0.02	2.42	< 0.02	0.02	0.07	1.7
41: PG04331	0.11	0.07	< 0.02	1.17	< 0.02	< 0.02	< 0.02	0.9
42: PG04332	0.21	0.15	0.02	3.00	< 0.02	0.02	0.03	1.8
43: PG04333	0.16	0.11	0.02	2.41	< 0.02	< 0.02	0.04	1.1
44: PG04334	0.12	0.06	< 0.02	1.25	< 0.02	0.02	0.03	0.6
45: PG04335	0.15	0.09	< 0.02	2.07	< 0.02	0.02	0.03	1.0
46: PG04336	0.13	0.09	< 0.02	1.72	< 0.02	0.02	0.04	1.0
47: PG04337	0.19	0.09	0.02	2.61	0.03	0.02	0.03	1.1
48: PG04338	0.16	0.09	< 0.02	2.22	< 0.02	< 0.02	0.02	1.4
49: PG04339	0.23	0.16	0.03	3.49	0.13	0.02	0.06	1.9
50: PG04340	0.12	0.07	< 0.02	1.25	< 0.02	< 0.02	0.02	1.0
51: PG04341	0.19	0.08	< 0.02	2.29	< 0.02	0.02	0.04	0.9
52: PG04342	0.14	0.13	0.02	1.88	< 0.02	< 0.02	0.03	1.2
53: PG04343	0.11	0.06	< 0.02	1.32	< 0.02	< 0.02	0.02	0.6
54: PG04344	0.11	0.07	< 0.02	1.52	< 0.02	0.02	0.03	1.0
55: PG04345	0.15	0.09	< 0.02	2.29	< 0.02	0.02	0.03	1.4
56: PG04346	0.12	0.07	< 0.02	1.47	< 0.02	< 0.02	0.03	1.0
57: PG04347	0.19	0.07	0.02	2.23	< 0.02	0.02	0.02	0.8
58: PG04348	0.27	0.13	< 0.02	1.94	< 0.02	0.03	0.03	1.3
59: PG04349	0.14	0.08	< 0.02	1.38	< 0.02	0.02	0.03	1.0
60: PG04350	0.80	0.37	0.04	4.45	0.13	0.10	0.03	1.8
61: PG04351	0.10	0.06	< 0.02	0.87	< 0.02	0.02	0.02	0.6
62: PG04352	0.17	0.07	< 0.02	1.43	< 0.02	< 0.02	0.02	0.9
63: PG04353	0.40	0.17	0.03	4.40	< 0.02	0.04	0.05	1.6
64: PG04354	0.24	0.12	< 0.02	2.23	< 0.02	0.02	0.05	1.2
65: PG04355	0.09	< 0.05	< 0.02	0.65	< 0.02	< 0.02	0.02	0.6
66: PG04356	0.16	0.09	< 0.02	1.53	< 0.02	0.02	0.03	1.0
67: PG04357	0.24	0.14	< 0.02	3.05	< 0.02	0.04	0.03	1.7
68: PG04358	0.26	0.18	0.03	3.55	< 0.02	0.02	0.05	2.1
69: PG04359	0.27	0.17	0.03	3.56	< 0.02	0.03	0.04	2.2



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03057-JUL06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
70: PG04360	0.25	0.17	0.02	3.62	< 0.02	0.04	0.07	2.3
71: PG04361	0.24	0.21	< 0.02	3.31	< 0.02	0.02	0.06	2.2
72: PG04362	0.26	0.51	0.04	4.34	< 0.02	0.05	0.03	4.7
73: PG04363	0.05	< 0.05	< 0.02	0.47	< 0.02	< 0.02	0.02	0.6
74: PG04364	< 0.05	< 0.05	< 0.02	0.25	< 0.02	< 0.02	< 0.02	< 0.5
75: PG04365	0.08	< 0.05	< 0.02	0.86	< 0.02	0.02	0.03	0.7
76: PG04366	0.11	0.08	< 0.02	1.56	< 0.02	0.03	0.05	1.3
77: PG04367	0.24	0.15	0.03	3.81	< 0.02	0.02	0.06	2.0
78: PG04368	0.09	0.06	< 0.02	1.06	< 0.02	< 0.02	0.02	0.8
79: PG04369	0.18	0.07	0.02	2.92	< 0.02	0.02	0.05	1.1
80: PG04370	0.23	0.15	< 0.02	3.17	< 0.02	0.03	0.05	1.8
81: PG04371	0.15	0.15	0.02	2.32	< 0.02	0.02	0.05	2.0
82: PG04372	0.17	0.24	< 0.02	2.65	< 0.02	0.03	0.09	2.7
83: PG04373	0.21	0.11	0.02	3.65	< 0.02	0.03	0.04	1.5
84: PG04374	0.09	< 0.05	< 0.02	1.37	0.02	0.10	0.04	1.0
85: PG04375	1.75	0.36	0.06	10.1	0.06	0.15	0.02	0.5
86: PG04376	0.08	< 0.05	< 0.02	1.12	< 0.02	< 0.02	0.02	0.9
87: PG04377	0.07	< 0.05	< 0.02	0.97	< 0.02	< 0.02	0.03	0.8
88: PG04378	0.13	0.10	< 0.02	2.77	0.09	0.02	0.04	1.9
89: PG04379	0.10	0.08	< 0.02	1.86	< 0.02	< 0.02	0.03	1.3
90: PG04380	0.11	0.07	< 0.02	2.52	< 0.02	< 0.02	0.03	0.8
91: PG04381	0.08	0.09	< 0.02	1.79	< 0.02	< 0.02	0.03	0.9
92: PG04382	0.09	0.09	< 0.02	2.07	0.06	< 0.02	0.05	1.0
93: PG04383	1.10	0.27	0.09	18.9	< 0.02	0.06	0.02	2.3
94: PG04384	1.49	0.35	0.11	25.6	< 0.02	0.06	0.03	2.2
95: PG04385	0.67	0.11	0.06	11.6	0.02	0.02	0.02	1.9
96: PG04386	1.90	0.08	0.13	32.3	< 0.02	0.21	0.03	2.2
97: PG04387	0.10	< 0.05	< 0.02	1.50	< 0.02	< 0.02	0.03	1.0
98: PG04388	0.47	0.07	0.04	8.18	< 0.02	0.03	0.02	2.0
99: PG04389	< 0.05	< 0.05	< 0.02	0.39	< 0.02	< 0.02	0.03	1.0
100-DUP: PG04310	0.10	0.07	< 0.02	1.31	< 0.02	< 0.02	< 0.02	0.7
101-DUP: PG04330	0.18	0.17	< 0.02	2.41	< 0.02	< 0.02	0.05	1.7
102-DUP: PG04350	0.79	0.36	0.03	4.55	0.13	0.10	0.11	1.8
103-DUP: PG04370	0.24	0.15	0.02	3.18	0.06	0.03	0.05	2.0
104-STD: PTC-1A XRF	10.1	13.6	0.30	---	---	---	---	---
105-STD: SU1a XRF	1.27	0.97	0.05	---	---	---	---	---
106-STD: Ni1 XRF	0.99	0.30	0.03	---	---	---	---	---
107-STD: Ni2 XRF	1.92	0.70	0.06	---	---	---	---	---
108-STD: nbm-1	---	---	---	0.27	---	---	---	---
110-STD: RTS-2	---	---	---	18.8	---	---	---	---
111-STD: CZN-3	---	---	---	31.6	---	---	---	43.9
112-STD: WMS_1	---	---	---	---	1.76	1.12	0.32	---



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03057-JUL06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
113-REP: PG04321	0.15	0.07	< 0.02	1.79	< 0.02	< 0.02	0.02	1.5
114-REP: PG04361	0.21	0.20	0.02	3.32	< 0.02	0.02	0.05	2.1


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: patti.tirschmann@toronto.norfalc.com



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Falconbridge Limited
Attn : Patti Tirschmann

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

Wednesday, July 19, 2006

Date Rec. : 06 July 2006
LR Report : CA03052-JUL06
Client Ref : PO#301

ER2006-04 CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG 04390	0.09	< 0.05	< 0.02	0.38	< 0.02	< 0.02	< 0.02	< 0.5
2: PG 04391	0.07	< 0.05	< 0.02	0.31	< 0.02	< 0.02	< 0.02	< 0.5
3: PG 04392	0.11	0.05	< 0.02	1.17	< 0.02	< 0.02	< 0.02	0.6
4: PG 04393	0.13	0.07	< 0.02	1.42	< 0.02	< 0.02	< 0.02	0.8
5: PG 04394	0.13	0.06	< 0.02	0.90	< 0.02	< 0.02	< 0.02	0.8
6: PG 04395	0.15	0.08	< 0.02	1.29	< 0.02	< 0.02	0.02	1.0
7: PG 04396	0.11	0.07	< 0.02	0.82	< 0.02	< 0.02	0.03	0.7
8: PG 04397	< 0.05	< 0.05	< 0.02	0.27	< 0.02	< 0.02	< 0.02	< 0.5
9: PG 04398	0.13	< 0.05	< 0.02	0.65	< 0.02	< 0.02	< 0.02	< 0.5
10: PG 04399	0.10	< 0.05	< 0.02	0.32	< 0.02	< 0.02	< 0.02	< 0.5
11: PG 04400	1.78	0.37	0.06	9.88	0.06	0.16	0.02	< 0.5
12: PG 04401	0.10	0.06	< 0.02	0.69	< 0.02	< 0.02	< 0.02	0.6
13: PG 04402	0.09	< 0.05	< 0.02	0.58	< 0.02	< 0.02	0.02	0.8
14: PG 04403	0.14	0.07	< 0.02	0.77	< 0.02	< 0.02	0.05	1.2
15: PG 04404	0.10	< 0.05	< 0.02	0.44	< 0.02	< 0.02	< 0.02	< 0.5
16: PG 04405	0.18	0.06	< 0.02	0.91	< 0.02	0.02	0.02	0.6
17: PG 04406	< 0.05	< 0.05	< 0.02	0.17	< 0.02	< 0.02	< 0.02	< 0.5
18: PG 04407	0.09	0.05	< 0.02	0.80	< 0.02	< 0.02	< 0.02	0.7
19: PG 04408	< 0.05	< 0.05	< 0.02	0.29	< 0.02	< 0.02	< 0.02	< 0.5
20: PG 04409	0.05	< 0.05	< 0.02	0.31	< 0.02	< 0.02	< 0.02	0.6
21: PG 04410	0.11	< 0.05	< 0.02	1.01	< 0.02	< 0.02	0.02	0.6
22: PG 04411	< 0.05	< 0.05	< 0.02	0.12	< 0.02	< 0.02	< 0.02	< 0.5
23: PG 04412	0.07	< 0.05	< 0.02	0.45	< 0.02	< 0.02	< 0.02	< 0.5
24: PG 04413	0.07	< 0.05	< 0.02	0.23	< 0.02	< 0.02	< 0.02	< 0.5
25: PG 04414	0.14	< 0.05	< 0.02	0.63	< 0.02	< 0.02	< 0.02	< 0.5
26: PG 04415	0.16	< 0.05	< 0.02	0.70	< 0.02	< 0.02	< 0.02	< 0.5
27: PG 04416	0.16	0.08	< 0.02	0.81	< 0.02	< 0.02	< 0.02	0.7



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P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03052-JUL06

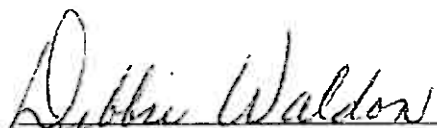
Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
28: PG 04417	0.10	< 0.05	< 0.02	0.55	< 0.02	< 0.02	< 0.02	< 0.5
29: PG 04418	0.13	0.09	< 0.02	0.85	< 0.02	< 0.02	< 0.02	0.7
30: PG 04419	0.12	0.10	< 0.02	0.82	< 0.02	< 0.02	0.02	1.0
31: PG 04420	0.11	0.10	< 0.02	0.87	< 0.02	< 0.02	0.02	1.4
32: PG 04421	0.10	< 0.05	< 0.02	0.63	< 0.02	< 0.02	< 0.02	< 0.5
33: PG 04422	0.19	0.12	< 0.02	1.54	< 0.02	0.02	0.03	1.4
34: PG 04423	0.24	0.11	0.02	1.85	< 0.02	0.03	0.03	1.2
35: PG 04424	0.18	0.08	< 0.02	1.41	< 0.02	0.02	0.05	0.9
36: PG 04425	1.77	0.37	0.06	10.4	0.07	0.16	< 0.02	< 0.5
37: PG 04426	0.18	0.10	< 0.02	1.34	< 0.02	0.02	0.02	1.0
38: PG 04427	0.13	0.06	< 0.02	0.79	0.03	< 0.02	< 0.02	0.7
39: PG 04428	0.20	0.12	< 0.02	1.39	< 0.02	0.02	0.02	1.2
40: PG 04429	0.24	0.11	0.02	1.45	< 0.02	0.03	0.02	1.0
41: PG 04430	< 0.05	< 0.05	< 0.02	0.20	< 0.02	< 0.02	< 0.02	< 0.5
42: PG 04431	0.06	< 0.05	< 0.02	0.44	< 0.02	< 0.02	< 0.02	< 0.5
43: PG 04432	0.21	0.11	< 0.02	1.27	< 0.02	0.03	0.03	1.0
44: PG 04433	0.15	0.10	< 0.02	0.84	< 0.02	0.04	0.03	1.2
45: PG 04434	0.16	0.14	< 0.02	1.16	< 0.02	0.02	0.03	1.4
46: PG 04435	0.13	0.17	< 0.02	2.18	< 0.02	0.03	0.02	2.0
47: PG 04436	0.19	0.16	< 0.02	1.43	< 0.02	0.03	0.03	1.7
48: PG 04437	0.20	0.26	0.02	1.81	< 0.02	0.03	0.03	3.4
49: PG 04438	0.11	0.07	< 0.02	0.95	0.02	0.02	0.02	1.0
50: PG 04439	< 0.05	< 0.05	< 0.02	0.13	< 0.02	< 0.02	< 0.02	< 0.5
51: PG 04440	0.08	< 0.05	< 0.02	0.49	< 0.02	0.02	< 0.02	< 0.5
52: PG 04441	0.10	< 0.05	< 0.02	0.58	< 0.02	< 0.02	< 0.02	< 0.5
53: PG 04442	0.12	0.08	< 0.02	1.07	< 0.02	0.02	0.02	0.8
54: PG 04443	0.14	0.07	< 0.02	1.39	< 0.02	0.02	0.03	0.7
55: PG 04444	0.20	0.09	0.02	1.15	< 0.02	0.04	0.03	0.8
56: PG 04445	0.21	0.10	< 0.02	1.05	< 0.02	0.05	0.04	0.6
57: PG 04446	0.21	0.07	0.02	0.96	< 0.02	0.06	0.03	0.6
58: PG 04447	0.17	0.06	< 0.02	1.01	< 0.02	0.06	0.03	< 0.5
59: PG 04448	0.17	< 0.05	< 0.02	0.86	< 0.02	0.04	0.02	< 0.5
60: PG 04449	0.19	0.06	< 0.02	0.82	< 0.02	0.05	0.02	< 0.5
61: PG 04450	1.73	0.35	0.06	9.98	0.08	0.15	< 0.02	< 0.5
62: PG 04451	0.20	0.07	< 0.02	1.00	< 0.02	0.04	0.03	0.5
63: PG 04452	0.17	< 0.05	< 0.02	0.88	< 0.02	0.03	0.03	0.5
64: PG 04453	0.14	0.05	< 0.02	1.27	< 0.02	0.02	0.03	0.7
65: PG 04454	0.15	0.08	< 0.02	1.98	0.02	0.02	0.04	1.2
66: PG 04455	0.12	0.05	< 0.02	1.25	< 0.02	0.02	0.04	0.9
67: PG 04456	0.10	0.05	< 0.02	1.17	< 0.02	< 0.02	0.03	0.8
68: PG 04457	0.13	0.19	0.02	2.03	0.04	< 0.02	0.10	2.6
69: PG 04458	1.47	0.98	0.10	29.0	0.06	0.10	0.09	11.4



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03052-JUL06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
70: PG 04459	< 0.05	< 0.05	< 0.02	0.66	< 0.02	< 0.02	< 0.02	0.6
71: PG 04460	< 0.05	< 0.05	< 0.02	0.20	< 0.02	< 0.02	< 0.02	< 0.5
72: PG 04461	0.12	0.09	0.02	1.80	< 0.02	< 0.02	0.03	1.1
73: PG 04462	0.09	0.07	< 0.02	1.30	< 0.02	< 0.02	0.02	0.8
74: PG 04463	0.06	0.07	< 0.02	1.00	< 0.02	< 0.02	0.02	0.6
75: PG 04464	< 0.05	< 0.05	< 0.02	0.77	< 0.02	< 0.02	< 0.02	0.5
76: PG 04465	0.55	0.48	0.05	10.5	< 0.02	0.07	0.06	6.1
77: PG 04466	< 0.05	< 0.05	< 0.02	0.28	< 0.02	< 0.02	< 0.02	< 0.5
78: PG 04467	1.07	1.32	0.08	21.3	< 0.02	0.04	0.19	18.2
79: PG 04468	< 0.05	< 0.05	< 0.02	0.24	< 0.02	< 0.02	< 0.02	< 0.5
80-DUP: PG 04409	0.05	< 0.05	< 0.02	0.31	< 0.02	< 0.02	< 0.02	0.6
81-DUP: PG 04429	0.24	0.11	< 0.02	1.39	< 0.02	0.03	0.02	1.0
82-DUP: PG 04449	0.19	0.06	< 0.02	0.85	< 0.02	0.04	0.02	< 0.5
83-REP: PG 04420	0.11	0.10	< 0.02	0.88	< 0.02	< 0.02	0.02	1.3
84-STD: PTC-1A XRF	10.0	13.4	0.30	---	---	---	---	---
85-STD: SU1a XRF	1.23	0.94	0.04	---	---	---	---	---
86-STD: Ni1 XRF	1.01	0.29	0.03	---	---	---	---	---
87-STD: Ni2 XRF	1.94	0.72	0.06	---	---	---	---	---
88-STD: nbm-1	---	---	---	0.27	---	---	---	---
89-STD: RTS-1	---	---	---	1.67	---	---	---	---
90-STD: RTS-2	---	---	---	18.4	---	---	---	---
91-STD: CZN-3	---	---	---	32.3	---	---	---	43.9
92-STD: WMS_1	---	---	---	---	1.85	1.16	0.23	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: patti.tirschmann@toronto.norfolc.com



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Falconbridge Limited
Attn: Patti Tirschmann

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

Thursday, November 30, 2006

Date Rec.: 07 July 2006
LR Report: CA03058-JUL06
Client Ref: PO#301

ER2006-05

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG04469	0.07	< 0.05	< 0.02	0.73	< 0.02	< 0.02	0.02	< 0.5
2: PG04470	0.09	0.05	< 0.02	1.60	< 0.02	< 0.02	0.02	0.6
3: PG04471	0.05	0.06	< 0.02	0.76	< 0.02	< 0.02	0.02	< 0.5
4: PG04472	0.15	0.08	< 0.02	2.34	< 0.02	< 0.02	0.03	0.7
5: PG04473	0.12	0.09	< 0.02	1.63	0.02	0.03	0.04	0.7
6: PG04474	0.10	< 0.05	< 0.02	1.12	< 0.02	< 0.02	0.02	< 0.5
7: PG04475	1.75	0.35	0.06	9.93	0.06	0.15	0.03	< 0.5
8: PG04476	0.72	0.44	0.05	11.5	0.02	0.03	0.05	4.1
9: PG04477	0.24	0.17	0.03	3.79	< 0.02	< 0.02	0.06	1.3
10: PG04478	0.17	0.20	0.02	2.85	< 0.02	< 0.02	0.06	1.8
11: PG04479	0.10	0.08	< 0.02	1.44	0.02	< 0.02	0.05	0.7
12: PG04480	0.08	0.07	< 0.02	1.13	< 0.02	< 0.02	0.05	0.6
13: PG04481	0.54	0.17	0.02	8.63	0.03	< 0.02	0.17	1.2
14: PG04482	0.99	0.31	0.12	18.2	0.03	0.09	0.17	1.9
15: PG04483	0.15	0.13	< 0.02	2.50	< 0.02	< 0.02	0.07	1.0
16: PG04484	0.19	0.15	0.02	3.32	0.02	0.02	0.08	1.0
17: PG04485	0.14	0.13	< 0.02	2.25	0.02	< 0.02	0.05	1.1
18: PG04486	< 0.05	< 0.05	< 0.02	0.36	< 0.02	< 0.02	0.03	< 0.5
19: PG04487	0.12	0.14	< 0.02	1.63	0.02	< 0.02	0.08	1.0
20: PG04488	0.24	0.10	0.03	3.63	< 0.02	0.03	0.11	0.7
21: PG04489	0.54	0.30	0.04	6.25	0.03	0.02	0.08	1.7
22: PG04490	0.06	< 0.05	< 0.02	0.47	< 0.02	< 0.02	0.02	< 0.5
23: PG04491	< 0.05	< 0.05	< 0.02	0.08	< 0.02	< 0.02	0.02	< 0.5
24: PG04492	1.10	0.37	0.09	17.8	< 0.02	0.08	0.05	2.7
25: PG04493	0.06	< 0.05	< 0.02	0.69	< 0.02	< 0.02	< 0.02	< 0.5
26: PG04494	0.08	0.05	< 0.02	0.86	< 0.02	< 0.02	0.05	0.7
27: PG04495	0.06	0.08	< 0.02	0.77	< 0.02	< 0.02	0.06	0.9



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03058-JUL06

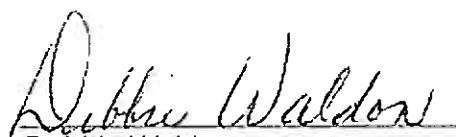
Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
28: PG04496	0.10	0.07	< 0.02	1.29	0.03	< 0.02	0.09	0.7
29: PG04497	< 0.05	< 0.05	< 0.02	0.13	< 0.02	< 0.02	0.04	< 0.5
30: PG04498	0.14	0.07	< 0.02	1.80	< 0.02	< 0.02	0.09	0.8
31: PG04499	0.32	0.31	0.03	5.20	< 0.02	0.03	0.20	3.3
32: PG04500	1.76	0.36	0.06	9.68	0.06	0.13	0.11	< 0.5
33: PG04501	0.09	< 0.05	< 0.02	1.35	< 0.02	< 0.02	0.05	0.9
34: PG04502	0.08	0.12	< 0.02	0.89	< 0.02	< 0.02	0.05	2.0
35: PG04503	< 0.05	0.08	< 0.02	0.40	< 0.02	< 0.02	0.06	1.0
36: PG04504	0.12	0.09	< 0.02	1.94	< 0.02	< 0.02	0.06	0.7
37: PG04505	< 0.05	< 0.05	< 0.02	0.82	< 0.02	< 0.02	0.07	< 0.5
38: PG04506	0.11	0.11	0.02	1.78	< 0.02	< 0.02	0.08	0.7
39: PG04507	0.06	< 0.05	< 0.02	0.68	< 0.02	< 0.02	0.07	< 0.5
40: PG04508	0.09	0.05	< 0.02	1.23	< 0.02	< 0.02	0.02	0.8
41: PG04509	0.14	0.11	< 0.02	1.91	< 0.02	< 0.02	0.11	1.3
42: PG04510	0.10	0.06	< 0.02	1.40	< 0.02	< 0.02	0.02	0.6
43: PG04511	0.06	< 0.05	< 0.02	0.76	< 0.02	< 0.02	0.02	0.7
44: PG04512	0.05	< 0.05	< 0.02	0.62	< 0.02	< 0.02	0.05	0.5
45: PG04513	0.05	< 0.05	< 0.02	0.24	< 0.02	< 0.02	0.03	< 0.5
46: PG04514	< 0.05	< 0.05	< 0.02	0.10	< 0.02	< 0.02	< 0.02	< 0.5
47: PG04515	< 0.05	< 0.05	< 0.02	0.21	< 0.02	< 0.02	< 0.02	< 0.5
48: PG04516	0.89	0.44	0.07	12.5	< 0.02	0.05	0.09	4.8
49: PG04517	0.17	0.17	< 0.02	2.43	< 0.02	< 0.02	0.19	1.6
50: PG04518	0.91	0.16	0.06	12.4	0.02	0.06	0.06	1.6
51: PG04519	0.56	1.87	0.05	9.55	< 0.02	0.03	0.21	17.0
52: PG04520	0.99	0.61	0.12	15.0	< 0.02	0.09	0.12	5.9
53: PG04521	0.63	0.42	0.03	8.91	0.02	0.03	0.30	3.4
54: PG04522	1.66	0.92	0.10	23.3	0.03	0.05	0.12	6.5
55: PG04523	1.95	0.22	0.13	24.6	0.02	0.11	0.08	2.9
56: PG04524	1.49	0.63	0.11	20.6	0.02	0.09	0.06	6.0
57: PG04525	1.72	0.36	0.06	9.02	0.07	0.15	0.03	< 0.5
58: PG04526	0.06	< 0.05	< 0.02	1.62	< 0.02	< 0.02	< 0.02	< 0.5
59: PG04527	0.07	< 0.05	< 0.02	0.22	0.02	< 0.02	0.03	< 0.5
60: PG04528	0.13	< 0.05	< 0.02	0.57	< 0.02	< 0.02	0.03	< 0.5
61: PG04529	0.14	0.08	< 0.02	1.69	< 0.02	< 0.02	0.03	1.0
62: PG04530	0.16	0.09	0.02	1.95	< 0.02	< 0.02	0.04	1.1
63: PG04531	0.14	0.09	0.02	1.64	< 0.02	< 0.02	0.03	0.9
64: PG04532	0.16	0.08	< 0.02	1.17	< 0.02	0.02	0.04	0.9
65: PG04533	0.06	0.07	< 0.02	0.71	< 0.02	< 0.02	< 0.02	0.7
66-DUP: PG04488	0.24	0.11	0.02	3.70	< 0.02	< 0.02	0.06	0.7
67-DUP: PG04508	0.09	0.07	< 0.02	1.21	< 0.02	< 0.02	0.03	0.8
68-DUP: PG04528	0.13	< 0.05	< 0.02	0.58	< 0.02	< 0.02	< 0.02	< 0.5
70-STD: SU1a XRF	1.26	0.98	0.04	---	---	---	---	---



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03058-JUL06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
71-STD: Ni1 XRF	0.99	0.30	0.03	---	---	---	---	---
72-STD: Ni2 XRF	1.93	0.71	0.05	---	---	---	---	---
73-STD: nbm-1	---	---	---	0.27	---	---	---	---
74-STD: RTS-1	---	---	---	1.67	---	---	---	---
76-STD: CZN-3	---	---	---	31.6	---	---	---	43.3
77-STD: WMS_1	---	---	---	---	1.91	1.20	0.26	---
78-REP: PG04499	0.36	0.33	0.03	5.18	< 0.02	0.03	0.14	3.0


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: ptirschmann@xstrata.ca



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Falconbridge Limited
Attn : Patti Tirschmann

Thursday, July 27, 2006

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
, M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

Date Rec. : 20 July 2006
LR Report : CA03146-JUL06
Client Ref : PO#301

ER2006-05

CERTIFICATE OF ANALYSIS

Final Report

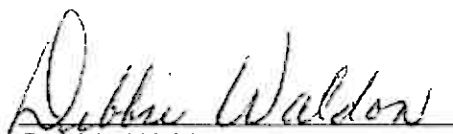
Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG 04534	< 0.05	< 0.05	< 0.02	0.12	< 0.02	< 0.02	0.02	< 0.5
2: PG 04535	< 0.05	< 0.05	< 0.02	0.47	< 0.02	< 0.02	0.03	< 0.5
3: PG 04536	0.08	0.06	< 0.02	0.86	< 0.02	< 0.02	0.09	0.6
4: PG 04537	0.13	0.09	< 0.02	1.33	< 0.02	< 0.02	0.06	1.1
5: PG 04538	0.07	0.05	< 0.02	0.63	< 0.02	< 0.02	0.04	0.6
6: PG 04539	< 0.05	< 0.05	< 0.02	0.15	< 0.02	< 0.02	0.12	< 0.5
7: PG 04540	0.06	< 0.05	< 0.02	0.29	< 0.02	< 0.02	0.02	< 0.5
8: PG 04541	0.08	< 0.05	< 0.02	0.32	< 0.02	< 0.02	0.04	< 0.5
9: PG 04542	0.14	0.08	< 0.02	0.80	< 0.02	< 0.02	0.05	< 0.5
10: PG 04543	0.07	< 0.05	< 0.02	0.21	< 0.02	< 0.02	0.06	< 0.5
11: PG 04544	0.08	< 0.05	< 0.02	0.55	< 0.02	< 0.02	0.06	< 0.5
12: PG 04545	< 0.05	< 0.05	< 0.02	0.10	< 0.02	< 0.02	0.02	< 0.5
13: PG 04546	0.29	2.86	0.03	7.59	< 0.02	< 0.02	0.65	33.7
14: PG 04547	0.84	0.92	0.06	17.0	< 0.02	0.02	0.39	21.5
15: PG 04548	< 0.05	0.13	< 0.02	0.73	< 0.02	< 0.02	0.02	1.5
16: PG 04549	< 0.05	0.08	< 0.02	0.82	< 0.02	< 0.02	0.02	0.7
17: PG 04550	1.79	0.36	0.06	10.5	0.04	0.16	0.03	< 0.5
18: PG 04551	< 0.05	0.75	< 0.02	1.41	< 0.02	< 0.02	0.07	9.0
19: PG 04552	< 0.05	0.05	< 0.02	0.62	< 0.02	0.02	0.07	1.1
20: PG 04553	< 0.05	< 0.05	< 0.02	0.27	< 0.02	< 0.02	0.03	< 0.5
21: PG 04554	1.03	2.31	0.08	19.2	0.14	0.05	0.38	21.0
22: PG 04555	< 0.05	0.09	< 0.02	0.39	< 0.02	< 0.02	0.05	1.2
23: PG 04556	0.22	7.00	0.02	9.95	< 0.02	< 0.02	0.68	89.0
24: PG 04557	< 0.05	< 0.05	< 0.02	0.35	< 0.02	< 0.02	< 0.02	< 0.5
25-DUP: PG 04553	< 0.05	< 0.05	< 0.02	0.26	< 0.02	< 0.02	< 0.02	< 0.5
26-STD: PTC-1A XRF	10.0	13.5	0.30	---	---	---	---	---
27-STD: SU1a XRF	1.28	0.96	0.04	---	---	---	---	---



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03146-JUL06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
30-STD: nbm-1	---	---	---	0.29	---	---	---	---
31-STD: RTS-1	---	---	---	1.65	---	---	---	---
32-STD: RTS-2	---	---	---	18.9	---	---	---	---
33-STD: CZN-3	---	---	---	32.9	---	---	---	42.7
34-STD: WMS_1	---	---	---	---	1.83	1.17	0.23	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: patti.tirschmann@toronto.norfalc.com



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Falconbridge Limited
Attn : Patti Tirschmann

Friday, July 21, 2006

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
, M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

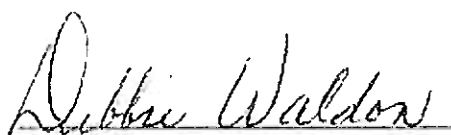
Date Rec. : 19 July 2006
LR Report : CA03131-JUL06
Client Ref : PO#302

ER2006-06B

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG04558	0.11	0.07	< 0.02	1.46	< 0.02	< 0.02	0.02	1.4
2: PG04559	1.82	2.06	0.14	32.0	< 0.02	0.05	0.10	8.6
3: PG04560	0.12	0.09	< 0.02	1.48	< 0.02	< 0.02	< 0.02	0.5
4-STD: PTC-1A XRF	10.1	13.3	0.30	---	---	---	---	---
8-STD: nbm-1	---	---	---	0.29	---	---	---	---
11-STD: CZN-3	---	---	---	31.5	---	---	---	44.9
12-STD: WMS_1	---	---	---	---	1.67	1.15	0.33	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: patti.tirschmann@toronto.norfalc.com



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Falconbridge Limited
Attn : Patti Tirschmann

Tuesday, August 01, 2006

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

Date Rec. : 25 July 2006
LR Report : CA03186-JUL06
Client Ref : PO# 301

ER2006-06B

CERTIFICATE OF ANALYSIS

Final Report

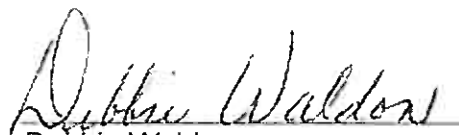
Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG 4561	0.11	0.06	0.03	0.97	< 0.02	< 0.02	0.03	< 0.5
2: PG 4562	0.11	0.05	0.02	1.05	< 0.02	< 0.02	0.02	< 0.5
3: PG 4563	0.11	0.09	< 0.02	1.40	< 0.02	< 0.02	0.02	< 0.5
4: PG 4564	0.12	0.06	< 0.02	1.72	< 0.02	< 0.02	< 0.02	< 0.5
5: PG 4565	0.15	0.14	< 0.02	1.83	< 0.02	< 0.02	0.02	0.6
6: PG 4566	< 0.05	< 0.05	< 0.02	0.67	0.02	< 0.02	< 0.02	< 0.5
7: PG 4567	0.13	0.11	< 0.02	1.67	< 0.02	< 0.02	< 0.02	< 0.5
8: PG 4568	< 0.05	< 0.05	0.02	0.26	< 0.02	< 0.02	< 0.02	< 0.5
9: PG 4569	0.07	0.07	0.02	1.12	< 0.02	< 0.02	0.02	0.5
10: PG 4570	0.08	< 0.05	< 0.02	0.95	< 0.02	< 0.02	< 0.02	< 0.5
11: PG 4571	< 0.05	< 0.05	< 0.02	0.37	< 0.02	< 0.02	< 0.02	< 0.5
12: PG 4572	0.16	0.13	0.02	2.18	< 0.02	< 0.02	< 0.02	0.9
13: PG 4573	0.18	0.14	< 0.02	2.56	0.03	< 0.02	0.02	1.0
14: PG 4574	0.12	0.10	< 0.02	1.53	< 0.02	< 0.02	0.02	0.9
15: PG 4575	1.77	0.38	0.04	10.5	0.07	0.15	0.04	0.5
16: PG 4590	0.12	< 0.05	< 0.02	0.49	< 0.02	< 0.02	0.02	< 0.5
17: PG 4591	0.11	< 0.05	< 0.02	0.82	< 0.02	< 0.02	< 0.02	< 0.5
18: PG 4592	0.13	0.06	< 0.02	0.94	0.02	< 0.02	< 0.02	< 0.5
19: PG 4593	0.16	0.06	0.02	1.13	< 0.02	< 0.02	< 0.02	< 0.5
20: PG 4594	0.13	< 0.05	< 0.02	0.85	< 0.02	< 0.02	< 0.02	< 0.5
21: PG 4595	0.19	0.08	< 0.02	1.94	0.02	< 0.02	0.04	0.9
22: PG 4596	0.10	< 0.05	< 0.02	0.93	< 0.02	< 0.02	< 0.02	0.6
23: PG 4597	< 0.05	< 0.05	0.02	0.59	0.02	< 0.02	< 0.02	0.6
24: PG 4598	0.73	0.27	0.04	10.5	0.05	0.05	< 0.02	1.9
25: PG 4599	0.10	0.07	< 0.02	1.69	< 0.02	< 0.02	0.02	0.8
26: PG 4600	1.83	0.37	0.06	9.91	0.05	0.15	< 0.02	< 0.5
27: PG 4601	0.46	0.32	0.04	6.72	< 0.02	0.04	< 0.02	2.8



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03186-JUL06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
48: PG 4576	< 0.05	< 0.05	< 0.02	0.18	< 0.02	0.10	< 0.02	< 0.5
49: PG 4577	0.15	0.14	< 0.02	1.78	< 0.02	0.03	< 0.02	0.8
50: PG 4578	0.06	< 0.05	< 0.02	0.53	< 0.02	0.02	< 0.02	< 0.5
51: PG 4579	0.12	0.11	< 0.02	1.72	0.02	0.08	0.02	0.8
52: PG 4580	0.15	0.08	< 0.02	2.21	0.03	0.08	< 0.02	0.6
53: PG 4581	0.12	0.09	< 0.02	1.68	< 0.02	0.09	< 0.02	< 0.5
54: PG 4582	0.08	0.06	< 0.02	1.13	< 0.02	< 0.02	< 0.02	< 0.5
55: PG 4583	0.12	0.11	< 0.02	1.51	< 0.02	0.03	< 0.02	< 0.5
56: PG 4584	0.13	0.05	< 0.02	1.19	< 0.02	0.04	< 0.02	< 0.5
57: PG 4585	0.10	< 0.05	< 0.02	0.95	< 0.02	0.05	0.02	< 0.5
58: PG 4586	0.12	0.10	< 0.02	1.61	0.02	0.17	0.05	0.5
59: PG 4587	0.09	< 0.05	< 0.02	0.88	< 0.02	0.12	< 0.02	< 0.5
60: PG 4588	0.17	< 0.05	< 0.02	1.75	0.02	0.13	0.02	< 0.5
61: PG 4589	0.10	< 0.05	< 0.02	0.60	< 0.02	0.03	< 0.02	< 0.5
62-DUP: PG 4594	0.14	< 0.05	< 0.02	0.82	0.08	< 0.02	< 0.02	0.5
64-DUP: PG 4588	0.16	< 0.05	< 0.02	1.72	< 0.02	0.04	< 0.02	< 0.5
65-REP: PG 4579	0.10	0.10	< 0.02	1.70	0.02	0.03	< 0.02	0.6
66-STD: PTC-1A XRF	10.2	13.4	0.29	---	---	---	---	---
67-STD: SU1a XRF	1.27	0.98	0.04	---	---	---	---	---
68-STD: Ni1 XRF	1.02	0.30	0.04	---	---	---	---	---
70-STD: nbm-1	---	---	---	0.31	---	---	---	---
71-STD: RTS-1	---	---	---	1.66	---	---	---	---
72-STD: RTS-2	---	---	---	18.7	---	---	---	---
73-STD: CZN-3	---	---	---	30.8	---	---	---	44.7
74-STD: WMS_1	---	---	---	---	1.88	1.23	0.23	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: patti.tirschmann@toronto.norfalc.com



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Falconbridge Limited
Attn: Patti Tirschmann

Thursday, July 27, 2006

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
, M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

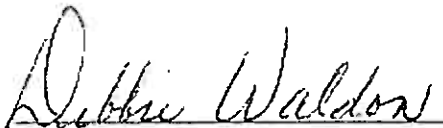
Date Rec.: 25 July 2006
LR Report: CA03185-JUL06
Client Ref: PO# 301

ER2006-06B

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG4602	0.66	0.39	0.04	9.28	< 0.02	0.05	0.10	2.9
2: PG4603	0.82	0.79	0.05	12.4	0.02	0.05	0.13	5.3
3: PG4604	0.15	0.07	< 0.02	1.75	< 0.02	< 0.02	0.02	0.7
4: PG4605	0.17	0.11	< 0.02	1.96	0.02	0.02	0.04	1.1
5: PG4606	1.90	0.54	0.09	26.5	0.02	0.12	0.04	3.4
6: PG4607	1.65	1.41	0.11	26.4	< 0.02	0.18	0.05	9.5
7: PG4608	2.06	0.93	0.10	28.8	< 0.02	0.12	0.04	6.2
8: PG4609	1.89	0.54	0.11	26.7	< 0.02	0.12	0.05	3.7
9: PG4610	2.16	0.69	0.13	30.0	0.02	0.14	0.04	3.8
10: PG4611	1.68	1.10	0.09	24.7	< 0.02	0.03	0.08	7.1
11: PG4612	0.90	9.96	0.06	21.9	0.24	0.07	0.85	52.0
12: PG4613	1.91	1.51	0.16	28.6	< 0.02	0.17	0.32	9.0
13-STD: PTC-1A XRF	10.3	13.5	0.30	---	---	---	---	---
17-STD: nbm-1	---	---	---	0.32	---	---	---	---
18-STD: RTS-1	---	---	---	1.66	---	---	---	---
19-STD: RTS-2	---	---	---	18.7	---	---	---	---
20-STD: CZN-3	---	---	---	30.8	---	---	---	43.6
21-STD: WMS_1	---	---	---	---	1.96	1.19	0.35	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Falconbridge Limited
Attn : Patti Tirschmann

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
, M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

Monday, August 14, 2006

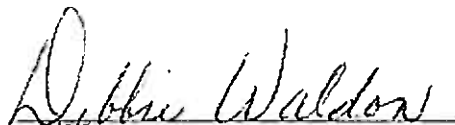
Date Rec. : 02 August 2006
LR Report : CA03018-AUG06
Client Ref : PO#301

ER2006-O6B

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG4614	1.74	0.59	0.09	25.9	0.03	0.13	0.10	3.4
2: PG4615	1.72	2.23	0.08	26.1	0.07	0.14	0.18	13.1
3: PG4616	1.87	4.51	0.11	30.8	0.08	0.15	0.49	29.4
4: PG4617	2.02	2.41	0.09	30.5	0.07	0.12	0.28	15.5
5: PG4618	2.37	0.92	0.12	32.0	0.16	0.16	0.08	5.1
6: PG4619	2.14	0.55	0.12	31.3	0.07	0.12	0.06	2.9
7: PG4620	2.17	0.98	0.11	31.4	0.04	0.12	0.09	5.9
8: PG4621	0.06	< 0.05	< 0.02	0.62	< 0.02	< 0.02	< 0.02	< 0.5
9-STD: PTC-1A XRF	10.5	13.7	0.30	---	---	---	---	---
13-STD: nbm-1	---	---	---	0.31	---	---	---	---
14-STD: RTS-1	---	---	---	1.64	---	---	---	---
15-STD: RTS-2	---	---	---	19.1	---	---	---	---
16-STD: CZN-3	---	---	---	31.3	---	---	---	44.2
17-STD: WMS_1	---	---	---	---	1.99	1.15	0.23	---
18-DUP: PG4621	0.05	< 0.05	< 0.02	---	---	---	---	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: patti.tirschmann@toronto.norfalc.com



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Falconbridge Limited
Attn : Patti Tirschmann

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
, M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

Tuesday, September 26, 2006

Date Rec. : 29 August 2006
LR Report : CA03270-AUG06
Client Ref : PO# 301

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG 04622	0.10	< 0.05	< 0.02	1.07	< 0.02	< 0.02	0.02	0.7
2: PG 04623	0.19	0.11	< 0.02	2.40	< 0.02	0.02	0.06	1.7
3: PG 04624	0.14	0.08	< 0.02	1.68	< 0.02	0.02	0.04	1.2
4: PG 04625	1.76	0.37	0.06	10.5	0.06	0.15	< 0.02	< 0.5
5: PG 04626	0.07	0.07	< 0.02	0.77	< 0.02	< 0.02	0.02	0.5
6: PG 04627	0.70	2.09	0.05	13.2	< 0.02	0.03	0.18	17.7
7: PG 04628	0.86	0.90	0.12	16.1	0.02	0.05	0.07	6.2
8: PG 04629	0.16	0.12	< 0.02	1.70	< 0.02	< 0.02	0.02	1.0
9: PG 04630	1.28	0.88	0.08	19.2	< 0.02	0.04	0.03	9.2
10: PG 04631	0.65	2.26	0.05	11.8	< 0.02	0.03	0.68	18.8
11: PG 04632	< 0.05	0.08	< 0.02	0.37	< 0.02	< 0.02	< 0.02	< 0.5
12: PG 04633	< 0.05	< 0.05	< 0.02	0.20	< 0.02	< 0.02	< 0.02	< 0.5
13: PG 04634	0.05	< 0.05	< 0.02	0.66	< 0.02	< 0.02	< 0.02	< 0.5
14: PG 04635	1.57	1.09	0.08	22.9	< 0.02	0.10	0.06	8.2
15: PG 04636	0.11	0.10	< 0.02	1.08	< 0.02	< 0.02	< 0.02	< 0.5
16: PG 04637	0.07	0.06	< 0.02	0.79	< 0.02	< 0.02	0.02	< 0.5
17: PG 04638	0.07	< 0.05	< 0.02	0.61	< 0.02	< 0.02	< 0.02	< 0.5
18: PG 04639	0.91	0.48	0.06	14.2	0.06	0.04	0.07	5.1
19: PG 04640	0.08	0.08	< 0.02	1.11	< 0.02	< 0.02	< 0.02	0.5
20: PG 04641	< 0.05	0.05	< 0.02	0.50	< 0.02	< 0.02	< 0.02	< 0.5
21: PG 04642	0.16	0.09	< 0.02	2.58	< 0.02	< 0.02	< 0.02	0.5
22: PG 04643	0.18	0.10	0.02	2.97	< 0.02	< 0.02	0.02	0.9
23: PG 04644	0.14	0.08	< 0.02	2.14	< 0.02	0.02	< 0.02	0.8
24-DUP: PG 04641	< 0.05	0.05	< 0.02	0.50	< 0.02	< 0.02	< 0.02	< 0.5
27-STD: Ni1 XRF	1.00	0.30	0.03	---	---	---	---	---
28-STD: Ni2 XRF	1.98	0.75	0.06	---	---	---	---	---
29-STD: nbm-1	---	---	---	0.31	---	---	---	---

ER2006-06B

ER2006-09

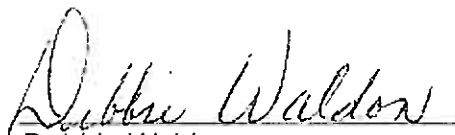
ER2006-10



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03270-AUG06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
30-STD: RTS-1	---	---	---	1.68	---	---	---	---
31-STD: RTS-2	---	---	---	19.1	---	---	---	---
32-STD: CZN-3	---	---	---	31.7	---	---	---	43.9
33-STD: WMS_1	---	---	---	---	1.80	1.23	0.32	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: patti.tirschmann@toronto.norfalc.com



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Falconbridge Limited
Attn : Patti Tirschmann

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
, M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

Tuesday, September 26, 2006

Date Rec. : 30 August 2006
LR Report : CA03278-AUG06
Client Ref : PO#301

ER2006-10

CERTIFICATE OF ANALYSIS

Final Report

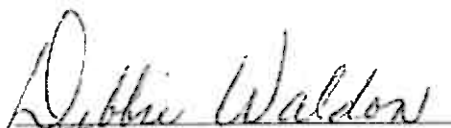
Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG 04645	0.19	0.13	< 0.02	3.05	0.02	0.02	0.06	0.9
2: PG 04646	0.17	0.12	< 0.02	1.98	0.02	0.02	0.04	1.0
3: PG 04647	0.23	0.13	< 0.02	2.75	0.02	0.02	0.07	1.1
4: PG 04648	0.19	0.14	< 0.02	2.59	< 0.02	0.02	0.03	1.2
5: PG 04649	0.15	0.12	< 0.02	2.10	0.03	< 0.02	0.03	1.0
6: PG 04650	1.89	0.38	0.06	9.86	0.09	0.16	0.03	< 0.5
7: PG 04651	0.22	0.21	0.03	3.50	0.03	0.02	0.07	1.9
8: PG 04652	0.16	0.11	< 0.02	1.64	0.02	0.02	0.20	0.7
9: PG 04653	0.22	0.16	0.02	2.99	0.03	0.03	0.04	1.3
10: PG 04654	0.20	0.20	< 0.02	2.75	< 0.02	0.02	0.21	1.8
11: PG 04655	1.25	0.88	0.10	18.6	0.03	0.09	0.32	7.1
12: PG 04656	0.20	0.13	0.02	2.64	0.02	0.02	0.34	1.2
13: PG 04657	0.19	0.24	< 0.02	2.15	0.09	0.03	0.08	2.2
14: PG 04658	0.13	0.06	< 0.02	1.22	0.02	0.02	0.05	1.0
15: PG 04659	0.22	0.62	0.03	3.28	0.04	< 0.02	0.29	7.0
16: PG 04660	1.02	0.90	0.05	15.1	0.03	0.07	0.29	11.2
17: PG 04661	0.26	0.17	0.02	3.44	0.02	0.03	0.06	1.8
18: PG 04662	0.41	0.56	0.03	6.58	0.03	0.04	0.12	6.3
19: PG 04663	0.23	0.24	0.02	3.46	0.05	0.02	0.06	2.6
20: PG 04664	0.22	0.25	0.02	3.16	0.08	0.03	0.05	2.1
21: PG 04665	1.43	0.26	0.09	20.7	0.02	0.14	0.11	4.9
22: PG 04666	0.43	0.21	0.03	5.62	0.05	0.05	0.03	2.2
23: PG 04667	0.31	0.17	0.02	3.77	0.04	0.03	0.05	1.7
24: PG 04668	1.92	0.65	0.13	29.4	< 0.02	0.11	0.05	6.5
25: PG 04669	0.22	0.11	< 0.02	2.16	0.03	0.03	0.04	1.2
26: PG 04670	0.14	0.12	< 0.02	1.76	0.53	0.03	0.04	0.9
27: PG 04671	2.16	0.72	0.12	31.0	0.04	0.09	0.12	3.3



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03278-AUG06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
28: PG 04672	0.63	0.49	0.03	8.62	0.02	0.02	0.04	2.8
29: PG 04673	2.17	0.22	0.11	29.7	< 0.02	0.12	0.03	2.2
30: PG 04674	0.16	0.12	< 0.02	2.30	0.06	< 0.02	0.06	1.6
31: PG 04675	1.78	0.39	0.05	10.5	0.09	0.16	0.02	< 0.5
32: PG 04676	0.19	0.10	< 0.02	2.52	0.04	0.09	0.05	0.8
33: PG 04677	1.89	0.07	0.09	26.0	0.02	0.06	0.02	< 0.5
34: PG 04678	0.44	0.63	0.03	6.91	0.06	0.21	0.08	3.9
35: PG 04679	0.20	0.14	0.02	3.05	0.09	0.02	0.05	1.0
36: PG 04680	0.13	0.49	< 0.02	2.21	0.06	0.16	0.09	3.8
37: PG 04681	0.19	0.16	0.03	2.97	0.04	0.04	0.05	1.0
38: PG 04682	0.26	0.64	0.03	4.49	0.05	0.10	0.12	3.9
39: PG 04683	0.14	0.07	< 0.02	1.70	0.05	0.09	0.09	0.8
40: PG 04684	0.44	3.46	0.03	8.84	0.03	0.03	0.89	20.2
41: PG 04685	0.05	< 0.05	< 0.02	0.44	0.03	< 0.02	0.15	< 0.5
42: PG 04686	0.07	< 0.05	< 0.02	0.75	0.04	< 0.02	0.02	< 0.5
43: PG 04687	0.45	0.21	0.03	6.20	0.02	0.04	0.04	1.7
44: PG 04688	< 0.05	< 0.05	< 0.02	0.42	0.02	< 0.02	0.05	< 0.5
45-DUP: PG 04664	0.24	0.23	0.03	3.17	0.07	0.03	0.07	2.2
46-DUP: PG 04684	0.45	3.47	0.03	9.03	0.03	0.02	0.92	20.4
47-REP: PG 04645	0.20	0.12	< 0.02	3.15	0.02	< 0.02	0.05	1.1
48-STD: PTC-1A XRF	10.2	13.4	0.29	---	---	---	---	---
49-STD: SU1a XRF	1.27	1.00	0.05	---	---	---	---	---
52-STD: nbm-1	---	---	---	0.28	---	---	---	---
53-STD: RTS-1	---	---	---	1.63	---	---	---	---
54-STD: RTS-2	---	---	---	18.4	---	---	---	---
55-STD: CZN-3	---	---	---	31.3	---	---	---	43.7
56-STD: WMS_1	---	---	---	---	1.92	1.21	0.26	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: patti.tirschmann@toronto.norfalc.com



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Falconbridge Limited
Attn : Patti Tirschmann

Tuesday, September 26, 2006

Date Rec. : 01 September 2006
LR Report : CA03008-SEP06
Client Ref : PO#301

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

ER2006-10

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG04689	0.13	0.08	< 0.02	1.52	0.03	0.02	0.05	1.0
2: PG04690	0.15	0.13	< 0.02	2.18	< 0.02	0.02	0.03	1.1
3: PG04691	0.22	0.17	< 0.02	3.49	< 0.02	0.02	0.06	1.5
4: PG04692	0.06	< 0.05	< 0.02	0.49	< 0.02	< 0.02	0.02	< 0.5
5: PG04693	0.15	0.08	< 0.02	1.30	0.03	0.05	0.08	1.1
6: PG04694	0.20	0.11	< 0.02	2.65	0.02	0.04	0.03	1.3
7: PG04695	0.06	< 0.05	< 0.02	0.42	< 0.02	0.02	0.02	< 0.5
8: PG04696	< 0.05	< 0.05	< 0.02	0.74	< 0.02	< 0.02	0.23	0.8
9: PG04697	1.07	0.48	0.06	16.6	< 0.02	0.07	0.09	3.8
10: PG04698	0.16	0.12	< 0.02	2.06	< 0.02	0.02	0.04	0.9
11: PG04699	0.69	0.42	0.03	10.3	< 0.02	< 0.02	0.07	2.9
12: PG04700	0.76	0.37	0.02	4.87	0.13	0.10	0.03	1.8
13: PG04701	< 0.05	< 0.05	< 0.02	0.24	< 0.02	0.02	0.10	0.6
14-STD: PTC-1A XRF	10.1	13.3	0.31	---	---	---	---	---
18-STD: nbm-1	---	---	---	0.28	---	---	---	---
19-STD: RTS-1	---	---	---	1.63	---	---	---	---
20-STD: RTS-2	---	---	---	18.4	---	---	---	---
21-STD: CZN-3	---	---	---	31.1	---	---	---	42.3
22-STD: WMS_1	---	---	---	---	1.87	1.18	0.29	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: patti.tirschmann@toronto.norfalc.com



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Xstrata Nickel

Attn : Patti Tirschmann, Senior Geologist

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800
Toronto, ON, M5J 1A7

Thursday, November 30, 2006

Date Rec. : 26 September 2006
LR Report : CA03248-SEP06
Client Ref : PO# 301

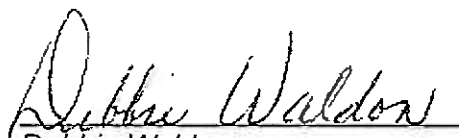
Phone: 416 982 7455
Fax: 416 982 7420

ER2006-11

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG 04702	0.13	0.06	< 0.02	1.32	< 0.02	< 0.02	0.03	1.1
2: PG 04703	0.32	0.22	0.03	4.47	0.02	0.02	0.05	1.6
3: PG 04704	0.22	0.44	< 0.02	3.22	0.02	0.03	0.08	4.7
4: PG 04705	0.19	0.15	< 0.02	2.59	< 0.02	< 0.02	0.04	1.3
5: PG 04706	0.18	0.13	< 0.02	2.25	0.02	0.02	0.05	1.4
6: PG 04707	0.18	0.08	< 0.02	2.10	0.03	0.04	0.03	0.9
7: PG 04708	0.14	0.06	< 0.02	1.65	< 0.02	< 0.02	0.03	0.8
8: PG 04709	0.19	0.21	< 0.02	2.52	0.02	< 0.02	0.03	1.7
9: PG 04710	0.19	0.11	0.03	2.37	< 0.02	< 0.02	0.04	1.0
10: PG 04711	0.05	< .05	< 0.02	0.35	< 0.02	< 0.02	0.02	< 0.5
11-STD: PTC-1A XRF	9.91	13.5	0.31	---	---	---	---	---
15-STD: nbm-1	---	---	---	0.29	---	---	---	---
16-STD: RTS-1	---	---	---	1.63	---	---	---	---
17-STD: RTS-2	---	---	---	18.5	---	---	---	---
18-STD: CZN-3	---	---	---	31.4	---	---	---	42.2
19-STD: WMS_1	---	---	---	---	1.94	1.26	0.27	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Xstrata Nickel
Attn : Ted Barnett

Monday, October 30, 2006

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800
Toronto, ON, M5J 1A7

Date Rec. : 11 October 2006
LR Report : CA03084-OCT06
Client Ref : PO#301

Phone: 416 982 7455
Fax: 416 982 7420

CERTIFICATE OF ANALYSIS

Final Report

	Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
ER2006-12	1: PG04712	0.08	0.13	< 0.02	0.77	< 0.02	< 0.02	0.02	0.9
	2: PG04713	0.65	0.85	0.05	12.9	< 0.02	0.12	0.05	4.1
	3: PG04714	0.05	0.07	< 0.02	0.35	< 0.02	< 0.02	< 0.02	0.6
ER2006-13	4: PG04715	< 0.05	< 0.05	< 0.02	0.16	< 0.02	< 0.02	0.02	1.0
	5: PG04716	0.15	0.24	0.02	4.24	0.07	0.06	15.4	2.4
	6: PG04717	0.62	0.67	0.06	17.4	0.05	0.03	3.49	3.5
	7: PG04718	< 0.05	< 0.05	< 0.02	0.69	< 0.02	< 0.02	0.14	0.5
	8: PG04719	0.16	0.06	< 0.02	1.38	< 0.02	< 0.02	0.07	0.8
	9: PG04720	0.94	0.88	0.04	11.0	< 0.02	< 0.02	0.05	4.0
	10: PG04721	0.08	0.06	< 0.02	0.90	< 0.02	< 0.02	0.02	0.5
ER2006-14	11: PG04722	< 0.05	< 0.05	< 0.02	0.25	< 0.02	< 0.02	0.03	< 0.5
	12: PG04723	0.14	0.20	0.02	2.76	< 0.02	< 0.02	0.18	0.8
	13: PG04724	0.09	0.11	< 0.02	2.35	< 0.02	< 0.02	0.02	0.6
	14: PG04725	0.79	0.35	0.03	4.96	0.13	0.09	0.04	2.0
	15: PG04726	< 0.05	< 0.05	< 0.02	2.74	< 0.02	0.02	0.02	< 0.5
	16: PG04727	0.06	0.05	< 0.02	0.78	< 0.02	< 0.02	0.02	< 0.5
	17: PG04728	0.08	0.11	< 0.02	1.82	0.06	< 0.02	0.14	0.7
	18: PG04729	0.09	< 0.05	0.02	1.58	< 0.02	< 0.02	< 0.02	< 0.5
	19: PG04730	< 0.05	< 0.05	< 0.02	0.13	< 0.02	< 0.02	< 0.02	< 0.5
ER2006-16	20: PG04731	0.17	< 0.05	< 0.02	1.56	< 0.02	0.02	< 0.02	< 0.5
	21: PG04732	0.16	0.10	0.03	2.38	< 0.02	0.02	0.04	0.8
	22: PG04733	0.10	0.05	< 0.02	0.87	< 0.02	0.02	0.04	< 0.5
	23: PG04734	0.07	< 0.05	< 0.02	0.90	< 0.02	< 0.02	0.02	< 0.5
	24: PG04735	0.06	< 0.05	< 0.02	0.96	< 0.02	< 0.02	0.02	< 0.5
	25: PG04736	< 0.05	< 0.05	< 0.02	0.62	0.02	< 0.02	< 0.02	< 0.5
	26: PG04737	0.08	0.06	< 0.02	1.26	< 0.02	< 0.02	0.02	0.6
	27: PG04738	0.36	0.17	0.03	6.97	0.03	0.05	0.03	1.5

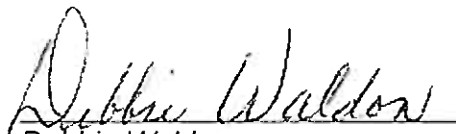


SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03084-OCT06

ER2006-16

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
28: PG04739	< 0.05	0.05	< 0.02	0.79	< 0.02	< 0.02	< 0.02	0.7
29: PG04740	0.15	0.10	< 0.02	2.52	< 0.02	< 0.02	0.02	0.6
30: PG04741	< 0.05	< 0.05	< 0.02	0.73	< 0.02	< 0.02	< 0.02	< 0.5
31: PG04742	0.05	< 0.05	< 0.02	0.76	< 0.02	0.02	< 0.02	< 0.5
32: PG04743	0.05	< 0.05	< 0.02	0.60	< 0.02	< 0.02	0.02	< 0.5
33: PG04744	< 0.05	< 0.05	< 0.02	0.60	< 0.02	< 0.02	< 0.02	< 0.5
34: PG04745	< 0.05	< 0.05	< 0.02	0.29	0.02	< 0.02	< 0.02	< 0.5
35: PG04746	0.17	0.11	< 0.02	3.36	< 0.02	< 0.02	0.04	0.9
36: PG04747	0.06	0.48	< 0.02	1.22	0.02	< 0.02	0.09	6.0
37: PG04748	0.50	0.13	0.03	10.9	< 0.02	0.09	0.09	2.7
38: PG04749	0.05	0.05	< 0.02	0.96	< 0.02	< 0.02	0.04	0.9
39: PG04750	0.78	0.35	0.03	4.86	0.14	0.10	0.05	1.9
40: PG04751	< 0.05	0.06	< 0.02	0.81	< 0.02	< 0.02	0.02	0.8
41: PG04752	0.36	0.22	0.02	6.41	< 0.02	< 0.02	0.08	3.0
42: PG04753	0.07	0.07	< 0.02	1.23	< 0.02	< 0.02	0.05	1.0
43-DUP: PG04731	0.15	< 0.05	< 0.02	1.56	< 0.02	0.02	0.02	< 0.5
44-DUP: PG04740	---	---	---	2.52	0.02	< 0.02	0.02	0.5
45-REP: PG04712	0.07	0.11	< 0.02	0.81	0.02	< 0.02	0.02	0.5
46-REP: PG04741	< 0.05	< 0.05	< 0.02	0.77	< 0.02	< 0.02	< 0.02	< 0.5
47-STD: PTC-1A XRF	9.97	13.3	0.29	---	---	---	---	---
48-STD: SU1a XRF	1.21	0.98	0.04	---	---	---	---	---
51-STD: nbm-1	---	---	---	0.30	---	---	---	---
52-STD: RTS-1	---	---	---	1.68	---	---	---	---
53-STD: RTS-2	---	---	---	18.8	---	---	---	---
54-STD: CZN-3	---	---	---	32.2	---	---	---	42.0
55-STD: WMS_1	---	---	---	---	1.81	1.19	0.30	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: tbarnett@xstrata.ca; tblair@xstrata.ca



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Xstrata Nickel
Attn : Ted Barnett

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800
Toronto, ON, M5J 1A7

Wednesday, November 29, 2006

Date Rec. : 13 October 2006
LR Report : CA03124-OCT06
Client Ref : PO#301

Phone: 416 982 7455
Fax: 416 982 7420

ER2006-17

CERTIFICATE OF ANALYSIS

Final Report

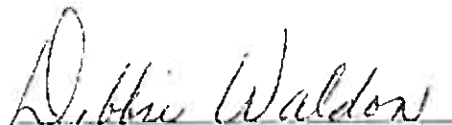
Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG04754	< 0.05	< 0.05	< 0.02	0.82	< 0.02	< 0.02	< 0.02	< 0.5
2: PG04755	0.89	0.28	0.09	14.1	0.04	0.05	0.04	2.9
3: PG04756	0.17	0.08	< 0.02	2.57	< 0.02	< 0.02	0.03	1.0
4: PG04757	0.09	0.06	< 0.02	0.96	< 0.02	< 0.02	0.02	0.6
5: PG04758	1.17	0.08	0.07	16.7	< 0.02	0.06	0.02	1.0
6: PG04759	0.74	0.14	0.05	10.8	0.03	0.05	0.03	2.2
7: PG04760	0.23	0.10	< 0.02	3.35	0.02	0.02	0.03	1.2
8: PG04761	0.17	0.18	0.02	2.60	0.02	0.02	0.06	1.9
9: PG04762	0.32	0.37	0.04	5.85	< 0.02	0.03	0.06	3.2
10: PG04763	0.16	0.20	0.02	1.95	0.02	0.03	0.05	1.7
11: PG04764	1.39	0.18	0.11	22.6	< 0.02	0.11	0.03	1.7
12: PG04765	0.17	0.06	0.02	2.36	< 0.02	0.02	< 0.02	< 0.5
13: PG04766	0.14	0.15	< 0.02	1.47	0.04	0.02	0.17	4.4
14: PG04767	1.02	0.09	0.06	14.7	< 0.02	0.05	0.05	2.4
15: PG04768	0.13	0.33	< 0.02	2.26	< 0.02	< 0.02	0.06	2.9
16: PG04769	0.13	0.27	0.02	2.58	0.02	< 0.02	0.04	2.7
17: PG04770	0.36	0.25	0.04	5.92	< 0.02	0.03	0.06	2.1
18: PG04771	0.13	0.25	< 0.02	1.14	< 0.02	< 0.02	0.06	2.1
19: PG04772	1.13	0.36	0.08	17.2	< 0.02	0.07	0.08	4.5
20: PG04773	0.09	0.13	< 0.02	0.50	< 0.02	< 0.02	0.02	1.1
21: PG04774	0.08	< 0.05	< 0.02	0.66	< 0.02	< 0.02	0.09	< 0.5
22: PG04775	0.80	0.36	0.03	5.28	0.15	0.10	0.03	2.0
23: PG04776	0.49	0.20	0.03	8.21	0.02	0.03	0.06	2.0
24: PG04777	0.44	0.43	0.03	7.08	< 0.02	0.02	0.13	3.9
25-DUP: PG04773	0.09	0.14	< 0.02	0.49	< 0.02	< 0.02	0.02	1.2
26-STD: PTC-1A XRF	9.88	13.5	0.29	---	---	---	---	---
30-STD: nbm-1	---	---	---	0.32	---	---	---	---



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03124-OCT06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
31-STD: RTS-1	---	---	---	1.72	---	---	---	---
32-STD: RTS-2	---	---	---	18.9	---	---	---	---
33-STD: CZN-3	---	---	---	32.4	---	---	---	42.6
34-STD: WMS_1	---	---	---	---	1.86	1.19	0.27	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: tbarnett@xstrata.ca; tblair@xstrata.ca



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Xstrata Nickel
Attn : Ted Barnett

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800
Toronto, ON, M5J 1A7

Tuesday, October 31, 2006

Date Rec. : 13 October 2006
LR Report : CA03125-OCT06
Client Ref : PO#301

Phone: 416 982 7455
Fax: 416 982 7420

ER2006-17

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG04778	< 0.05	0.07	< 0.02	0.48	< 0.02	< 0.02	0.10	0.8
2: PG04779	< 0.05	< 0.05	< 0.02	0.20	< 0.02	< 0.02	0.02	0.8
3: PG04780	0.31	5.08	< 0.02	9.03	< 0.02	< 0.02	0.28	37.2
4: PG04781	0.06	0.08	< 0.02	1.03	< 0.02	< 0.02	< 0.02	1.5
5: PG04782	< 0.05	< 0.05	< 0.02	0.36	< 0.02	< 0.02	< 0.02	1.1
6: PG04783	0.29	0.12	0.03	4.30	< 0.02	< 0.02	0.03	1.5
7: PG04784	0.07	< 0.05	< 0.02	1.10	< 0.02	< 0.02	< 0.02	0.9
8: PG04785	0.09	0.16	< 0.02	1.43	< 0.02	< 0.02	0.02	1.3
9: PG04786	0.83	1.14	0.50	26.4	0.02	0.06	0.03	5.4
10: PG04787	0.24	0.59	< 0.02	3.42	0.03	0.02	0.05	5.4
11: PG04788	0.86	0.74	0.04	13.2	0.02	0.05	0.15	9.4
12: PG04789	0.14	0.41	< 0.02	2.52	0.02	< 0.02	0.09	4.8
13: PG04790	1.11	0.58	0.06	18.3	0.06	0.09	0.15	10.5
14: PG04791	0.10	0.11	< 0.02	1.48	< 0.02	< 0.02	0.03	1.9
15: PG04792	0.43	0.24	0.04	6.14	< 0.02	0.02	0.04	2.7
16: PG04793	0.11	0.08	< 0.02	1.79	< 0.02	< 0.02	0.03	1.2
17: PG04794	0.16	0.10	< 0.02	2.58	< 0.02	< 0.02	0.03	1.6
18: PG04795	0.25	0.14	< 0.02	3.67	0.02	< 0.02	0.03	1.9
19: PG04796	0.85	0.67	0.05	13.0	0.02	0.04	0.27	5.9
20: PG04797	0.29	0.28	< 0.02	4.34	< 0.02	0.02	0.05	2.8
21: PG04798	0.12	0.15	< 0.02	1.81	< 0.02	< 0.02	0.03	1.6
22: PG04799	0.08	0.07	< 0.02	1.38	< 0.02	< 0.02	< 0.02	0.6
23: PG04800	0.79	0.35	0.03	5.05	0.14	0.09	0.05	1.9
24-DUP: PG04797	0.28	0.27	< 0.02	4.43	< 0.02	< 0.02	0.05	2.4
26-STD: SU1a XRF	1.25	0.96	0.05	---	---	---	---	---
29-STD: nbm-1	---	---	---	0.28	---	---	---	---
30-STD: RTS-1	---	---	---	1.67	---	---	---	---



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03125-OCT06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
31-STD: RTS-2	---	---	---	18.9	---	---	---	---
32-STD: CZN-3	---	---	---	31.7	---	---	---	41.7
33-STD: WMS_1	---	---	---	---	1.90	1.23	0.28	---

Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: tbarnett@xstrata.ca; tblair@xstrata.ca



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Xstrata Nickel
Attn: Ted Barnett

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800
Toronto, ON, M5J 1A7

Tuesday, October 31, 2006

Date Rec.: 13 October 2006
LR Report: CA03126-OCT06
Client Ref: PO#301

Phone: 416 982 7455
Fax: 416 982 7420

ER2006-17

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG04801	0.47	0.19	0.06	8.08	0.02	0.04	< 0.02	0.9
2: PG04802	0.07	0.07	< 0.02	0.95	< 0.02	< 0.02	< 0.02	0.7
3: PG04803	0.08	< 0.05	< 0.02	1.15	< 0.02	0.02	< 0.02	0.8
4: PG04804	0.14	0.53	0.03	2.36	0.02	0.02	0.49	6.2
5: PG04805	2.02	0.74	0.12	28.7	0.02	0.15	0.10	6.1
6: PG04806	0.10	0.08	< 0.02	1.60	< 0.02	< 0.02	< 0.02	0.9
7: PG04807	0.17	0.12	0.02	3.00	< 0.02	< 0.02	0.02	1.8
8: PG04808	< 0.05	< 0.05	< 0.02	0.69	< 0.02	0.02	< 0.02	0.5
9: PG04809	< 0.05	< 0.05	< 0.02	0.20	0.02	0.04	< 0.02	0.6
10: PG04810	0.05	< 0.05	< 0.02	0.59	< 0.02	< 0.02	< 0.02	0.8
11: PG04811	0.26	0.12	< 0.02	4.45	0.02	0.03	0.02	1.6
12: PG04812	0.20	0.12	0.02	3.11	< 0.02	< 0.02	0.06	1.8
13: PG04813	0.08	0.06	< 0.02	1.41	0.02	< 0.02	0.03	1.1
14: PG04814	1.54	0.59	0.08	23.5	0.02	0.06	0.06	5.4
15: PG04815	1.32	1.39	0.10	20.8	0.17	0.06	0.16	9.2
16: PG04816	0.28	0.26	< 0.02	4.43	< 0.02	< 0.02	0.03	2.6
17: PG04817	0.11	0.20	< 0.02	2.20	0.02	< 0.02	0.04	2.2
20-STD: Ni1 XRF	0.97	0.29	0.03	---	---	---	---	---
22-STD: nbm-1	---	---	---	0.28	---	---	---	---
23-STD: RTS-1	---	---	---	1.65	---	---	---	---
24-STD: RTS-2	---	---	---	18.7	---	---	---	---
25-STD: CZN-3	---	---	---	31.2	---	---	---	42.0
26-STD: WMS_1	---	---	---	---	1.94	1.32	0.28	---



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Xstrata Nickel
Attn : Ted Barnett

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800
Toronto, ON, M5J 1A7

Wednesday, November 29, 2006

Date Rec. : 13 October 2006
LR Report : CA03127-OCT06
Client Ref : PO#301

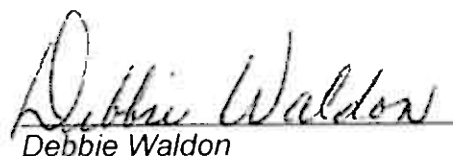
Phone: 416 982 7455
Fax: 416 982 7420

ER2006-18

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG04818	0.11	0.09	< 0.02	0.44	< 0.02	< 0.02	< 0.02	< 0.5
2: PG04819	0.15	0.08	0.02	1.36	< 0.02	< 0.02	0.02	< 0.5
3: PG04820	0.28	0.17	0.02	3.09	< 0.02	< 0.02	< 0.02	0.8
4: PG04821	0.12	0.07	< 0.02	1.29	< 0.02	< 0.02	< 0.02	< 0.5
5: PG04822	0.05	< 0.05	< 0.02	0.58	< 0.02	< 0.02	< 0.02	0.8
6: PG04823	1.45	1.24	0.15	31.4	< 0.02	0.12	0.09	10.5
7: PG04824	0.06	0.06	< 0.02	1.32	< 0.02	< 0.02	< 0.02	1.0
8: PG04825	1.49	0.51	0.09	25.7	0.03	0.10	0.08	6.6
9: PG04826	0.79	0.37	0.05	4.88	0.17	0.11	0.03	1.8
10: PG04827	< 0.05	< 0.05	< 0.02	0.47	< 0.02	< 0.02	< 0.02	< 0.5
11: PG04828	1.57	0.88	0.10	28.2	< 0.02	0.16	0.07	8.6
12: PG04829	1.72	0.74	0.09	30.8	< 0.02	0.14	0.07	8.0
13: PG04830	1.23	1.70	0.16	27.2	0.04	0.12	0.11	17.6
14: PG04831	0.12	0.16	< 0.02	1.97	0.02	< 0.02	0.12	1.8
16-STD: SU1a XRF	1.25	0.95	0.04	---	---	---	---	---
19-STD: nbm-1	---	---	---	0.28	---	---	---	---
20-STD: RTS-1	---	---	---	1.65	---	---	---	---
21-STD: RTS-2	---	---	---	18.9	---	---	---	---
22-STD: CZN-3	---	---	---	31.9	---	---	---	45.4
23-STD: WMS_1	---	---	---	---	1.94	1.23	0.23	---


Debbie Waldon



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Xstrata Nickel
Attn : Ted Barnett

Wednesday, November 29, 2006

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
, M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

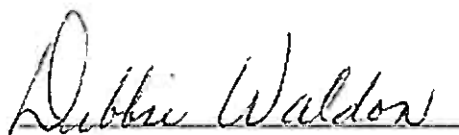
Date Rec. : 03 November 2006
LR Report : CA03032-NOV06
Client Ref : PO#301

ER2006-18

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG04832	0.11	0.09	< 0.02	0.66	< 0.02	0.02	< 0.02	< 0.5
2: PG04833	0.19	0.09	< 0.02	1.32	< 0.02	0.03	0.02	< 0.5
3: PG04834	0.28	0.14	< 0.02	1.86	< 0.02	0.06	0.03	0.5
4: PG04835	0.13	0.08	< 0.02	0.59	< 0.02	0.03	0.73	< 0.5
5: PG04836	< 0.05	< 0.05	< 0.02	0.14	< 0.02	< 0.02	< 0.02	< 0.5
6: PG04837	1.29	0.28	0.06	24.2	< 0.02	0.02	< 0.02	4.5
7: PG04838	0.17	0.17	< 0.02	3.06	< 0.02	0.02	0.04	2.1
8: PG04839	1.63	1.50	0.10	30.6	< 0.02	0.11	0.19	15.1
9: PG04840	0.23	0.29	< 0.02	4.45	< 0.02	0.02	0.11	3.1
10: PG04841	0.11	0.12	< 0.02	2.53	< 0.02	< 0.02	0.06	1.4
11: PG04842	0.08	0.10	< 0.02	1.06	< 0.02	< 0.02	0.03	0.9
12: PG04843	1.36	0.08	0.03	28.2	< 0.02	0.25	0.08	3.8
13: PG04844	< 0.05	< 0.05	< 0.02	0.12	< 0.02	< 0.02	< 0.02	< 0.5
14-STD: PTC-1A XRF	10.1	13.4	0.30	---	---	---	---	---
18-STD: nbm-1	---	---	---	0.29	---	---	---	---
19-STD: RTS-1	---	---	---	1.66	---	---	---	---
20-STD: RTS-2	---	---	---	18.9	---	---	---	---
21-STD: CZN-3	---	---	---	31.2	---	---	---	42.3
22-STD: WMS_1	---	---	---	---	1.88	1.36	0.22	---


Debbie Waldon
Project Coordinator,



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Xstrata Nickel
Attn : Ted Barnett

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800
Toronto, ON, M5J 1A7

Phone: 416 982 7455
Fax: 416 982 7420

Wednesday, November 29, 2006

Date Rec. : 23 October 2006
LR Report : CA03222-OCT06
Client Ref : PO# 301

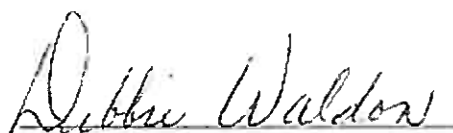
ER2006-18

CERTIFICATE OF ANALYSIS

Final Report - Check Assay

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG04825	1.46	0.49	0.10	26.6	< 0.02	0.09	0.12	6.8

Per client request - Check assay on sample PG04825 from original report
CA03127-OCT06


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: tbarnett@xstrata.ca; tblair@xstrata.ca



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Xstrata Nickel
Attn: Ted Barnett

Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

Wednesday, November 29, 2006

Date Rec.: 31 October 2006
LR Report: CA03301-OCT06
Client Ref: PO# 301

ER2006-19

CERTIFICATE OF ANALYSIS

Final Report

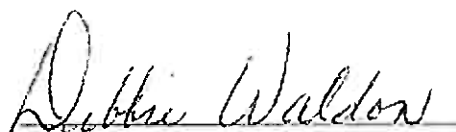
Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG04845	0.05	0.06	< 0.02	1.30	< 0.02	0.02	0.02	0.6
2: PG04846	0.22	0.08	< 0.02	4.06	< 0.02	0.03	0.03	0.6
3: PG04847	0.07	0.20	< 0.02	1.54	< 0.02	0.02	0.06	0.8
4: PG04848	< 0.05	< 0.05	< 0.02	0.16	< 0.02	0.02	< 0.02	< 0.5
5: PG04849	1.03	0.13	0.07	22.0	< 0.02	0.14	0.03	1.0
6: PG04850	0.81	0.37	0.03	5.11	0.10	0.10	0.05	1.9
7: PG04851	0.52	0.22	< 0.02	9.24	0.03	0.04	0.03	1.1
8: PG04852	0.07	< 0.05	< 0.02	0.90	0.03	0.03	0.02	< 0.5
9: PG04853	0.07	< 0.05	< 0.02	0.93	0.06	0.06	0.03	< 0.5
10: PG04854	1.18	0.13	0.06	19.6	0.27	0.19	0.11	0.8
11: PG04855	0.05	< 0.05	< 0.02	0.44	< 0.02	< 0.02	0.02	< 0.5
12: PG04856	0.14	< 0.05	< 0.02	1.73	< 0.02	0.04	0.05	0.8
13: PG04857	0.17	0.65	< 0.02	3.08	< 0.02	0.02	0.12	5.6
14: PG04858	0.61	0.14	0.06	10.2	0.11	0.28	0.03	1.3
15: PG04859	0.13	0.06	< 0.02	1.48	< 0.02	0.02	0.02	< 0.5
16: PG04860	< 0.05	< 0.05	< 0.02	0.30	0.28	0.09	0.07	< 0.5
17: PG04861	0.34	0.12	0.03	6.38	< 0.02	0.04	0.03	1.3
18: PG04862	0.09	0.09	< 0.02	1.22	0.04	0.05	0.05	0.6
19: PG04863	< 0.05	< 0.05	< 0.02	0.32	0.06	0.04	0.03	< 0.5
20: PG04864	0.82	0.34	0.04	14.8	0.03	0.07	0.06	5.0
21: PG04865	< 0.05	0.05	< 0.02	0.25	0.02	0.02	< 0.02	< 0.5
22: PG04866	0.13	0.12	< 0.02	2.51	0.03	0.03	0.07	1.8
23: PG04867	1.40	3.02	0.10	28.0	0.49	0.35	0.48	33.4
24: PG04868	0.08	0.16	< 0.02	1.01	< 0.02	< 0.02	0.11	1.5
25: PG04869	< 0.05	< 0.05	< 0.02	0.33	0.03	0.02	0.05	< 0.5
26: PG04870	< 0.05	< 0.05	0.03	0.37	0.03	0.02	0.03	< 0.5
27: PG04871	1.41	0.38	0.08	26.1	< 0.02	0.12	0.08	5.6



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

LR Report : CA03301-OCT06

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
28: PG04872	0.08	0.08	< 0.02	1.14	0.02	< 0.02	0.03	0.7
29: PG04873	< 0.05	0.08	< 0.02	0.68	< 0.02	< 0.02	< 0.02	0.9
30: PG04874	1.57	0.53	0.10	27.7	< 0.02	0.07	0.05	9.7
31: PG04875	0.80	0.36	0.04	4.97	0.17	0.15	0.04	1.8
32: PG04876	< 0.05	< 0.05	< 0.02	0.33	< 0.02	< 0.02	0.05	0.8
33: PG04877	< 0.05	< 0.05	< 0.02	0.80	0.04	< 0.02	0.02	0.5
34: PG04878	0.10	0.27	< 0.02	10.7	0.07	0.04	0.13	5.8
35: PG04879	< 0.05	< 0.05	< 0.02	0.33	< 0.02	0.03	0.03	< 0.5
36-DUP: PG04864	0.80	0.32	0.05	15.0	< 0.02	0.06	0.07	5.1
37-REP: PG04875	0.84	0.36	0.02	4.93	0.15	0.11	0.04	1.8
38-STD: PTC-1A XRF	10.1	13.5	0.29	31.4	---	---	---	---
39-STD: SU1a XRF	1.22	0.97	0.03	---	---	---	---	---
42-STD: nbm-1	---	---	---	0.31	---	---	---	---
43-STD: RTS-1	---	---	---	1.60	---	---	---	---
45-STD: CZN-3	---	---	---	31.6	---	---	---	44.5
46-STD: WMS_1	---	---	---	---	1.85	1.25	0.29	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: tbarnett@xstrata.ca; tblair@xstrata.ca



SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2038 FAX: 705-652-6441

Xstrata Nickel
Attn : Ted Barnett

Wednesday, November 29, 2006

Date Rec. : 14 November 2006
LR Report : CA03123-NOV06
Client Ref : PO#301

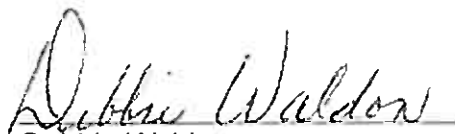
Queen's Quay Terminal, 207 Queen's Quay West, Suite 800, Toronto, ON
M5J 1A7
Phone: 416 982 7455, Fax: 416 982 7420

ER2006-21

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Ni %	Cu %	Co %	S %	Pt g/t	Pd g/t	Au g/t	Ag g/t
1: PG04880	0.10	0.07	< 0.02	1.43	< 0.02	< 0.02	0.02	0.8
2: PG04881	0.12	0.07	< 0.02	1.65	< 0.02	0.02	0.03	0.9
3: PG04882	0.38	1.42	0.07	10.5	< 0.02	0.05	0.12	15.3
4: PG04883	0.14	0.08	< 0.02	2.43	< 0.02	0.02	< 0.02	0.8
5: PG04884	0.18	0.12	< 0.02	3.67	< 0.02	0.02	0.02	1.0
6: PG04885	0.13	0.08	< 0.02	2.33	< 0.02	0.02	0.02	0.8
7-STD: PTC-1A XRF	9.90	13.2	0.29	---	---	---	---	---
11-STD: nbm-1	---	---	---	0.30	---	---	---	---
12-STD: RTS-1	---	---	---	1.72	---	---	---	---
13-STD: RTS-2	---	---	---	19.0	---	---	---	---
14-STD: CZN-3	---	---	---	32.0	---	---	---	42.9
15-STD: WMS_1	---	---	---	---	1.83	1.31	0.21	---


Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: tbarnett@xstrata.ca; tblair@xstrata.ca